

# BMM Ispat Ltd.,

## ENVIRONMENTAL MONITORING REPORT



Danapur Village, Hosapete Taluk,  
Vijayanagara District, PIN-583222,  
Karnataka.

**MAY-2026**

Prepared by



### **SHRI KRISHNA AQUA ENGINEERING WORKS**

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

## 1.0 EXECUTIVE SUMMARY

### 1.1 INTRODUCTION

The journey of the BMM Group is a reflection of the path tread by every entrepreneur who believes in the human potential and one's own ability to bring about a life affirming change that transcends time. BMM Group was born out of this committed belief of Late Shri. Udai chand Singhi.

Entrenched in the Indian ethos, with an astute understanding of market needs, values and sensibilities *Mr. Dinesh Kumar Singhi* inherited the legacy from his father and has built the BMM Group on sound fundamentals since 1998. He steered the company towards growth by being the first mining company to establish a power generation plant for captive use, and creating a steel plant from the captive ore mine. Over the last 12 years, BMM has been able to add value to every relationship under his able and dynamic leadership.

Today, BMM is a 4900 Crores Company due to its focus on market orientation and optimal usage of technology to achieve process efficiency and value addition. BMM has always believed in the principle of sharing and hence continues to transfer this benefit derived from sustained growth to its employees, partners and associates. The unique value proposition that defines the very fabric of the BMM culture is the firm's belief in unleashing this 'potential in tones' in terms of its human capital, continuous growth and consistent benefits to its stakeholders.

The human potential at BMM is reflected in the depth of domain expertise across diverse sectors and dynamism of youth at various levels in the Organization. Business operations lead by professionals with decades of market understanding and a dynamic team enables BMM to deliver superior product quality. This human potential keeps BMM attuned to scaling new heights and meeting customer expectations. While consistently adding value to its partners, BMM is sensitive to its responsibility towards the environment by implementing best practices in its Business Operations and contribution to society through various social Endeavors.

BMM has a commitment of being a good Corporate Citizen and is committed to achieving business goals through ethical means. BMM hence has been able to have deeper relevance to society by creating value that is inclusive and truly benefits all.



## 1.2 PROMOTERS OF THE PROJECT

BMM Group, one of the leading Steel, Power & Mining companies in India that has achieved the present level under the leadership and guidance of Sri. **Dinesh Kumar Singhi**, the Founder & Chairman of the group, is promoting the project. His vision is to globalize the company business and do value addition by operating responsibly and in a sustainable manner in exploring, exploiting, excavating and processing minerals followed by setting up steel plant facilities.

**BMM** is a step towards forward integration has set up new merchant Bar Mill. The works is located at:

**BMM ISPAT LIMITED**  
(Registered Office & Works)  
#114, Danapur  
**Hosapete - 583 222**  
Vijayanagara Dist., Karnataka  
Phone +91 08394-264000, +91 9686550808/09  
Fax - 08394 264010

## 1.3 Site Location

**BMM ISPAT LIMITED** is located at Danapur about 15 Kms away from Hosapete in Karnataka. The plant site can be connected by national highway, viz. NH-13. The plant is 1 km away from the NH-13 near Danapur village. The nearest railway station is Hospet; Bangalore is at a distance of 300 kms. Seaport is Belikere and

Karwar, the nearest Airport is in the private sector belonging to JSW, a Jindal Group company at Thoranagallu (Vidyanagara).

M/s. BMM ISPAT Ltd., Has accorded Environmental Clearance for 2.0 MTPA Integrated Steel Plant, with the following facilities.

S.N.	Items	Capacity
1	Iron ore beneficiation plant	4.70 MTPA
2	Palletizing Plant	2.40 MTPA
3	DRI Plant	0.70 MTPA
4	Coke Oven	0.80 MTPA
5	Sinter Plant	2.50 MTPA
6	Blast furnace	1.70 MTPA
7	EAF & BOF Steel making shop	2.30 MTPA
8	Continuous casting machines Slab Caster Billet Caster	1.10 MTPA 1.10 MTPA
9	Rolling mills: Hot strip mill Structural/wire rods	1.00 MTPA 1.00 MTPA
10	Oxygen Plant	2x500 TPD
11	Calcining	1,080 TPD
12	Cement Plant	1.40 MTPA
13	Power Plant	230 MW
14	Sponge Iron Division -1	2 x 100 TPD
15	Induction furnace (billets)	9000 tonnes/month
16	Rolling Mill (TMT rods)	9000 tonnes/month
17	Captive Power Plant	25 MW

Out of the above units, presently 4 x 500 TPD Sponge Iron Plants and 1X70 MW Thermal Power Plants have been commissioned on August 2011. Beneficiation plant-2, Pellet Plant-2 are commissioned on March 2012. 2X70 MW Thermal based power plants have commissioned on Jan 2013, EAF, Steel Making Shop, CCM, Rolling Mill, Oxygen plants are commissioned on August 2015. Remaining units are under various stages of implementation.

Hence environmental pollution monitoring is being carried out for 4 x 500 TPD sponge iron plants, 1X70 MW Thermal Power Plant, 1.3MTPA Beneficiation, 1.2MTPA Pellet Plant, 2X70MW Power plant, SMS, and RML.

**1.4** The report includes environmental monitoring data collected at above site for the month of **MAY-2026**. The Parameters monitored are:

- ❖ Ambient Air Quality
- ❖ Fugitive Dust Level
- ❖ Stack Emission
- ❖ Ambient Noise Level
- ❖ Water Quality

## 2.0 Fugitive Emission Monitoring

Fugitive air quality was monitored 112 samples were collected from the analyzed for SPM analyzed by gravimetric method. Work Zone Air quality was monitored at all Plant area and material handling area.

## 3.0 Stack Monitoring

Stack Monitoring was Collected from Vayubodhan stack monitoring was used for drawing the flue gas. Sulphur dioxide and oxides of Nitrogen in the flue gas was sampled by bubbling flue gas solution respectively and the analyses of the pollutants were done as per the Indian Standard procedures prescribed by CPCB/BIS. Stack Emission level was monitored as per the statutory requirement on twice in a month.

## DATA ANALYSIS

### 3.1 BUFFERZONE AMBIENT AIR QUALITY STATUS

#### **Danapur Village (A1)**

At this location, average of PM10, PM2.5, SO2, NO2 values Average 74.56 ,20.90,14.13 & 16.55 µg/m<sup>3</sup> respectively. All above the values were found within the Limits. And the results given in **Annexure-1**.

#### **Mariyammanahalli Village (A2)**

At this location, average of PM10, PM2.5, SO2, NO2 values Average 62.56, 19.95, 13.11 & 15.18 µg/m<sup>3</sup> respectively. All above the values were found within the Limits. And the results given in **Annexure-2**.

#### **Hanumanahalli Village (A3)**

At this location, average of PM10, PM2.5, SO2, NO2 values Average 58.31, 19.42, 14.10 & 15.75 µg/m<sup>3</sup> respectively. All above the values were found within the Limits. Results given in **Annexure-3**.

**Galemmanagudi Village (A4)**

At this location, average of PM10, PM2.5, SO2, NO2 values Average 62.46, 18.88, 1723 & 19.54  $\mu\text{g}/\text{m}^3$  respectively. All above the values were found within the Limits. Results given in **Annexure-4**.

**G Nagalapura Village (A5)**

At this location, average of PM10, PM2.5, SO2, NO2 values Average 47.65, 11.86, 12.55 & 14.04  $\mu\text{g}/\text{m}^3$  respectively. All above the values were found within the Limits. Results given in **Annexure-5**.

**Gunda Tanda Village (A6)**

At this location, average of PM10, PM2.5, SO2, NO2 values Average 47.08, 12.84, 10.78 & 11.89  $\mu\text{g}/\text{m}^3$  respectively. All above the values were found within the Limits. Results given in **Annexure-6**.

**5.1 FUGITIVE DUST CONCENTRATION**

Fortnightly fugitive air quality was monitored all plant area SPM value minimum 91.34  $\mu\text{g}/\text{m}^3$ , maximum value 1960.38  $\mu\text{g}/\text{m}^3$  and average value 971.39  $\mu\text{g}/\text{m}^3$ . The Fugitive air quality 1<sup>st</sup> & 2<sup>nd</sup> Fortnight Results given in **Annexure-7 to Annexure-12**.

**5.2 STACK MONITORING**

Stack emission level was monitored all chimneys' PM values ( $\text{mg}/\text{Nm}^3$ ) 1<sup>st</sup> and 2<sup>nd</sup> Fortnight Minimum Value 5.74  $\text{mg}/\text{Nm}^3$ , Maximum Value 45.42  $\text{mg}/\text{Nm}^3$  & Average Value 27.69  $\text{mg}/\text{Nm}^3$ . 1<sup>st</sup> & 2<sup>nd</sup> Fortnight Results are given in **Annexure-13 to Annexure-46/1**.

**5.3 NOISE LEVEL MEASUREMENT**

Noise level was recorded at 30 locations each in Ambient and work zone area using Sound Level Meter (Lutron) The Day time noise level values were ranging between 45.6 dB to 73.9 dB (A). The noise level status is given in **Annexure-47 to Annexure-48**

**5.4** Water Sample Collected at 17 locations in side plant and surrounding nearest villages and nearest surface water Sample Collected every Month. The Water Analysis Test Report is given in **Annexure-49 to Annexure-61.**

**5.5** **CONCLUSION**

All the monitored Environmental parameters were found to be well within the statutory norms and the same are enclosed as follows.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-01  
Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
 Customer Reference : WORKORDER NO. 4500004504 Dated 09.01.2026  
 Sample collected by : Shri Krishna Aqua Engineering Works  
 Discipline : Chemical  
 Group : Atmospheric Pollution  
 Sample Type : Ambient Air Quality Monitoring  
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler  
 Month : MAY-2026  
 Location : A1-Danapur Village  
 Duration of Monitoring : 24 Hour  
 Report Issued Date : 02.06.2026  
 Report Number : ULR-TC1723126000000411F

### RESULTS

Parameters			PM <sub>10</sub> [µg/m <sup>3</sup> ]		PM <sub>2.5</sub> [µg/m <sup>3</sup> ]		SO <sub>2</sub> [µg/m <sup>3</sup> ]		NO <sub>2</sub> [µg/m <sup>3</sup> ]					
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)					
Date of Sampling	Date of Sample Received	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD				
04.05.2026	05.05.2026	1003	69.26	100	28.37	60	13.43	80	16.60	80				
05.05.2026	06.05.2026	1020	80.96		21.75		14.31		17.68					
11.05.2026	12.05.2026	1093	68.26		15.73		11.21		12.14					
12.05.2026	13.05.2026	1106	81.53		21.94		16.35		19.23					
18.05.2026	19.05.2026	1155	79.71		20.78		15.14		19.03					
19.05.2026	20.05.2026	1177	84.68		28.57		19.62		20.58					
25.05.2026	26.05.2026	1274	66.49		15.68		12.73		14.05					
26.05.2026	27.05.2026	1289	65.60		14.37		10.24		13.14					
<b>Average</b>			<b>74.56</b>				<b>20.90</b>				<b>14.13</b>		<b>16.55</b>	

SL NO	INSTRUMENT DETAILS		
1	Instrument Name	Respirable Dust Sampler (RDS)	Fine Particulate Sampler (FPS)
2	Make & Model	Envirotech Instrument/APM 460BL	ETCL/APM-172 MPC
3	Serial No	R.D.S. / DATE -D-2000	PM10/PM2.5 Sampler /52-2020
4	Calibration Date	08.09.2025	08.09.2025
5	Calibration Due Date	07.09.2026	07.09.2026

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit.
-----------	--

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory, subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-01

Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
Customer Reference : WORKORDER NO. 4500004504 DATED 09.01.2026  
Sample collected by : Shri Krishna Aqua Engineering Works  
Discipline : Chemical  
Group : Atmospheric Pollution  
Sample Type : Ambient Air Quality Monitoring  
Particulars of Sample Collected : CO Analyzer  
Month : MAY-2026  
Location : A1-Danapur Village  
Duration of Monitoring : 1 Hour  
Report Issued Date : 02.06.2026  
Report Number : SKAEW/BMMIL/NAAQ/2026-27/411

### RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m <sup>3</sup> ]	Standard
1	04.05.2026	1003	0.10	4.0
2	05.05.2026	1020	0.12	
3	11.05.2026	1093	<0.1	
4	12.05.2026	1106	<0.1	
5	18.05.2026	1155	0.12	
6	19.05.2026	1177	0.10	
7	25.05.2026	1274	0.16	
8	26.05.2026	1289	<0.1	

Note: CO - CO Analyzer Manual (1 Hour)  
ND - Not Detected

SL NO	INSTRUMENT DETAILS	
1	Instrument Name	CO Gas Detector
2	Make & Model	UNIPHOS & -320(M)
3	Serial No	B190255
4	Calibration Date	28.01.2026
5	Calibration Due Date	27.01.2027

INFERENCE	As per NAAQMS Standards (2009). Report Status: - Measured Values for the above parameters are within the limit
-----------	---



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

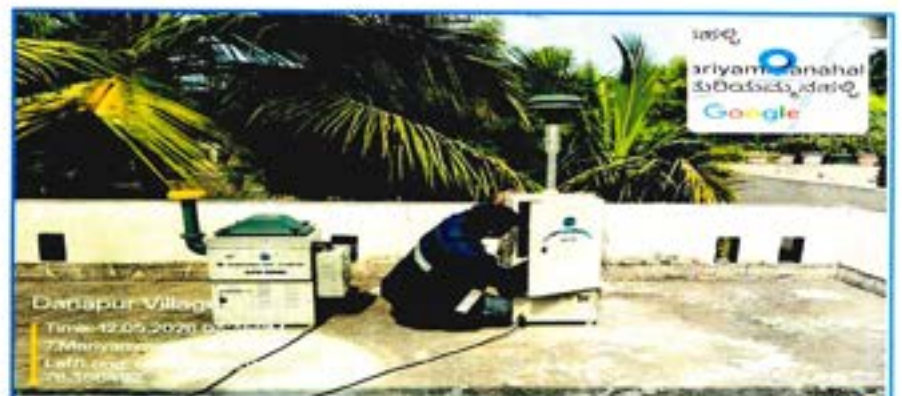
**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.

# AMBIENT AIR QUALITY MONITORING

**Location:** A 1- Danapura

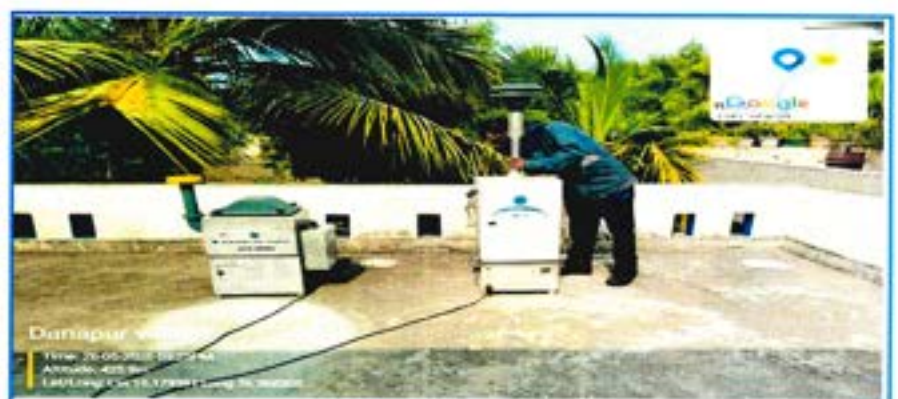
**Address:** T Kotresh S/o T Thyappa Vyasanjere colony Danapur Near VRM Hospital



# AMBIENT AIR QUALITY MONITORING

**Location:** A 1 - Danapura

**Address:** T Kotresh S/o T Thyappa Vyasanjere colony Danapur Near VRM Hospital





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-02

Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

### RESULTS

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
 Customer Reference : WORKORDER NO., 4500004504 Dated 09.01.2026  
 Sample collected by : Shri Krishna Aqua Engineering Works  
 Discipline : Chemical  
 Group : Atmospheric Pollution  
 Sample Type : Ambient Air Quality Monitoring  
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler  
 Month : MAY-2026  
 Location : A2-Mariyammanahalli Village  
 Duration of Monitoring : 24 Hour  
 Report Issued Date : 02.06.2026  
 Report Number : ULR-TC1723126000000412F

Parameters			PM <sub>10</sub> [µg/m <sup>3</sup> ]		PM <sub>2.5</sub> [µg/m <sup>3</sup> ]		SO <sub>2</sub> [µg/m <sup>3</sup> ]		NO <sub>2</sub> [µg/m <sup>3</sup> ]					
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS:5182: (Part-6) 2006 (RF-2022)					
Date of Sampling	Date of Sample Received	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD				
04.05.2026	05.05.2026	1004	68.19	100	15.02	60	12.56	80	14.01	80				
05.05.2026	06.05.2026	1021	55.65		26.43		12.25		14.32					
13.05.2026	14.05.2026	1119	64.17		16.04		11.54		13.57					
14.05.2026	15.05.2026	1130	78.18		24.28		15.03		19.09					
18.05.2026	19.05.2026	1156	59.35		23.86		15.91		16.81					
19.05.2026	20.05.2026	1169	68.54		19.42		12.09		15.41					
27.05.2026	28.05.2026	1302	50.57		13.37		14.42		15.24					
28.05.2026	29.05.2026	1313	55.83		21.14		11.06		13.01					
<b>Average</b>			<b>62.56</b>				<b>19.95</b>				<b>13.11</b>		<b>15.18</b>	

SL NO	INSTRUMENT DETAILS		
1	Instrument Name	Respirable Dust Sampler (RDS)	Fine Particulate Sampler (FPS)
2	Make & Model	Envirotech Instrument/APM 460BL	ETCL/APM-173 MPC
3	Serial No	R.D.S. / 1575-DTC-2005	PM10/PM2.5 Sampler /S2-2020
4	Calibration Date	08.09.2025	08.09.2025
5	Calibration Due Date	07.09.2026	07.09.2026

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit.
-----------	--

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678. Mobile : +91 94480 51534, +91 94800 28018.  
E-mail : radhabengeri@gmail.com. shrikrishnaaqua@gmail.com

ANNEXURE-02

Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
Sample collected by	: Shri Krishna Aqua Engineering Works
Discipline	: Chemical
Group	: Atmospheric Pollution
Sample Type	: Ambient Air Quality Monitoring
Particulars of Sample Collected	: CO Analyser
Month	: MAY-2026
Location	: A2-Mariyammanahalli Village
Duration of Monitoring	: 1 Hour
Report Issued Date	: 02.06.2026
Report Number	: SKAEW/BMMIL/NAAQ/2026-27/412

### RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m <sup>3</sup> ]	Standard
1	04.05.2026	1004	0.16	4.0
2	05.05.2026	1021	0.10	
3	13.05.2026	1119	0.10	
4	14.05.2026	1130	0.14	
5	18.05.2026	1156	0.12	
6	19.05.2026	1169	0.16	
7	27.05.2026	1302	0.10	
8	28.05.2026	1313	0.12	

Note: CO - CO Analyzer Manual (1 Hour)  
ND - Not Detected

SL NO	INSTRUMENT DETAILS	
1	Instrument Name	CO Gas Detector
2	Make & Model	UNIPHOS &-320(M)
3	Serial No	B190255
4	Calibration Date	28.01.2026
5	Calibration Due Date	27.01.2027

INFERENCE	As per NAAQMS Standards (2009). Report Status: - Measured Values for the above parameters are within the limit
-----------	---



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Permitted by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

# AMBIENT AIR QUALITY MONITORING

**Location:** A 2 -Mariyammanahalli

**Address:** Maruthi G S/o Uppar Ramappa 6<sup>th</sup> ward venkatapura road, MM Halli



## AMBIENT AIR QUALITY MONITORING

**Location:** A 2 - Mariyammanahalli

**Address:** Maruthi G S/o Uppar Ramappa 6<sup>th</sup> ward venkatapura road, MM Halli





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-03

Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
 Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026  
 Sample collected by : Shri Krishna Aqua Engineering Works  
 Discipline : Chemical  
 Group : Atmospheric Pollution  
 Sample Type : Ambient Air Quality Monitoring  
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler  
 Month : MAY-2026  
 Location : A3-Hanumanahalli Village  
 Duration of Monitoring : 24 Hour  
 Report Issued Date : 02.06.2026  
 Report Number : ULR-TC172312600000422F

### RESULTS

Parameters			PM <sub>10</sub> [µg/m <sup>3</sup> ]		PM <sub>2.5</sub> [µg/m <sup>3</sup> ]		SO <sub>2</sub> [µg/m <sup>3</sup> ]		NO <sub>2</sub> [µg/m <sup>3</sup> ]	
Reference Method			IS:5182:2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)	
Date of Sampling	Date of Sample Received	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD
06.05.2026	07.05.2026	1036	69.74	100	19.53	60	14.47	80	15.91	80
07.05.2026	08.05.2026	1052	62.71		26.95		16.94		17.29	
11.05.2026	12.05.2026	1094	65.00		23.69		12.48		13.15	
12.05.2026	13.05.2026	1107	70.19		26.84		12.02		15.27	
20.05.2026	21.05.2026	1183	60.33		13.23		14.43		16.97	
21.05.2026	22.05.2026	1201	52.19		16.94		13.95		15.34	
25.05.2026	26.05.2026	1275	36.98		10.91		13.27		14.38	
26.05.2026	27.05.2026	1290	49.38		17.31		15.27		17.67	
Average			58.31				19.42			

SL NO	INSTRUMENT DETAILS		
1	Instrument Name	Respirable Dust Sampler (RDS)	Fine Particulate Sampler (FPS)
2	Make & Model	Envirotech Instrument/APM 460BL	Titan /FPS/APM-700
3	Serial No	R.D.S. / 140-DTH-2013	FPS/101-C-13
4	Calibration Date	28.01.2026	08.09.2025
5	Calibration Due Date	27.01.2027	07.09.2026

INFERENCE	As per NAAQMS Standards (2009). Report Status: - Measured Values for the above parameters are within the limit.
-----------	--

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-03

Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
Sample collected by	: Shri Krishna Aqua Engineering Works
Discipline	: Chemical
Group	: Atmospheric Pollution
Sample Type	: Ambient Air Quality Monitoring
Particulars of Sample Collected	: CO Analyzer
Month	: MAY-2026
Location	: A3-Hanumanahalli Village
Duration of Monitoring	: 1 Hour
Report Issued Date	: 02.06.2026
Report Number	: SKAEW/BMMIL/NAAQ/2026-27/422

### RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m <sup>3</sup> ]	Standard
1	06.05.2026	1036	0.12	4.0
2	07.05.2026	1052	0.10	
3	11.05.2026	1094	0.16	
4	12.05.2026	1107	0.12	
5	20.05.2026	1183	<0.1	
6	21.05.2026	1201	<0.1	
7	25.05.2026	1275	0.10	
8	26.05.2026	1290	0.12	

Note: CO - CO Analyzer Manual (1 Hour)

ND - Not Detected

SL NO	INSTRUMENT DETAILS	
1	Instrument Name	CO Gas Detector
2	Make & Model	UNIPHOS &-320(M)
3	Serial No	B190255
4	Calibration Date	28.01.2026
5	Calibration Due Date	27.01.2027

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit
-----------	---



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Permitted by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

## AMBIENT AIR QUALITY MONITORING

**Location:** A 3- Hanumanahalli

**Address:** BMM OHC Hospital Hanumanahalli near STP



## AMBIENT AIR QUALITY MONITORING

**Location:** A 3- Hanumanahalli

**Address:** BMM OHC Hospital Hanumanahalli near STP





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-04

Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
 Customer Reference : WORKORDER NO., 4500004504 Dated 09.01.2026  
 Sample collected by : Shri Krishna Aqua Engineering Works  
 Discipline : Chemical  
 Group : Atmospheric Pollution  
 Sample Type : Ambient Air Quality Monitoring  
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler  
 Month : MAY-2026  
 Location : A4-Galemmanagudi Village  
 Duration of Monitoring : 24 Hour  
 Report Issue Date : 02.06.2026  
 Report Number : ULR-TC1723126000000413F

### RESULTS

Parameters			PM <sub>10</sub> [µg/m <sup>3</sup> ]		PM <sub>2.5</sub> [µg/m <sup>3</sup> ]		SO <sub>2</sub> [µg/m <sup>3</sup> ]		NO <sub>2</sub> [µg/m <sup>3</sup> ]					
Reference Method			IS:5182:2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)					
Date of Sampling	Date of Sample Received	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD				
04.05.2026	05.05.2026	1005	56.31	100	20.68	60	12.38	80	17.29	80				
05.05.2026	06.05.2026	1022	66.25		22.18		14.80		15.59					
13.05.2026	14.05.2026	1120	72.64		20.03		13.92		15.98					
14.05.2026	15.05.2026	1131	56.76		15.05		17.04		19.17					
18.05.2026	19.05.2026	1157	67.15		25.97		18.54		19.07					
19.05.2026	20.05.2026	1170	61.36		18.29		20.86		23.73					
27.05.2026	28.05.2026	1303	56.95		16.29		16.88		20.05					
28.05.2026	29.05.2026	1314	62.28		12.53		23.41		25.44					
<b>Average</b>			<b>62.46</b>				<b>18.88</b>				<b>17.23</b>		<b>19.54</b>	

Sl NO	INSTRUMENT DETAILS		
1	Instrument Name	Respirable Dust Sampler (RDS)	Combo Sampler
2	Make & Model	Envirotech Instrument/APM 460BL	Ecotech Instruments/AAS-271
3	Serial No	R.D.S. / 197-C-36	12-B-109
4	Calibration Date	24.07.2025	08.09.2025
5	Calibration Due Date	23.07.2026	07.09.2026

INFERENCE As per NAAQMS Standards (2009).  
 Report Status: - Measured Values for the above parameters are within the limit.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total EDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail : radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-04  
Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
Customer Reference : WORKORDER NO., 4500004504 DATED 09.01.2026  
Sample collected by : Shri Krishna Aqua Engineering Works  
Discipline : Chemical  
Group : Atmospheric Pollution  
Sample Type : Ambient Air Quality Monitoring  
Particulars of Sample Collected : CO Analyser  
Month : MAY-2026  
Location : A4-Galemmanagudi Village  
Duration of Monitoring : 1 Hour  
Report Issued Date : 02.06.2026  
Report Number : SKAEW/BMMIL/NAAQ/2026-27/413

### RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m <sup>3</sup> ]	Standard
1	04.05.2026	1005	0.12	4.0
2	05.05.2026	1022	0.16	
3	13.05.2026	1120	0.10	
4	14.05.2026	1131	0.10	
5	18.05.2026	1157	0.14	
6	19.05.2026	1170	0.16	
7	27.05.2026	1303	0.10	
8	28.05.2026	1314	0.12	

Note: CO - CO Analyzer Manual (1 Hour)  
ND - Not Detected

SL NO	INSTRUMENT DETAILS	
1	Instrument Name	CO Gas Detector
2	Make & Model	UNIPHOS &-320(M)
3	Serial No	B190255
4	Calibration Date	28.01.2026
5	Calibration Due Date	27.01.2027

INFERENCE	As per NAAQMS Standards (2009). Report Status: - Measured Values for the above parameters are within the limit
-----------	---



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the Laboratory. Subjected to Hubli jurisdiction.

## AMBIENT AIR QUALITY MONITORING

**Location:** A 4 -Galemmanagudi

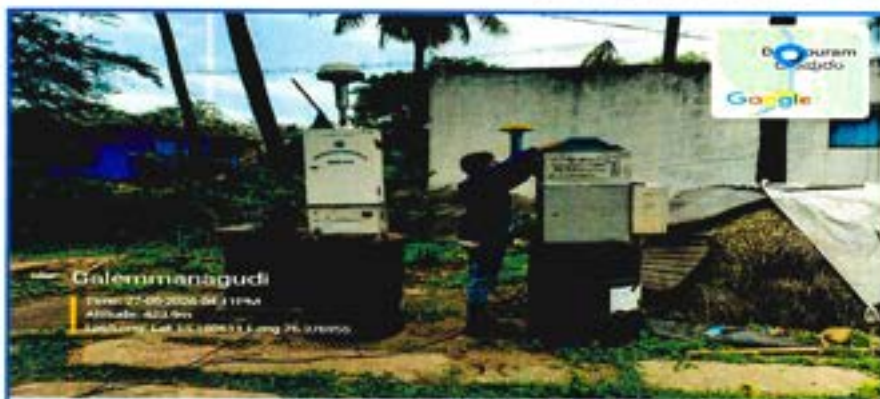
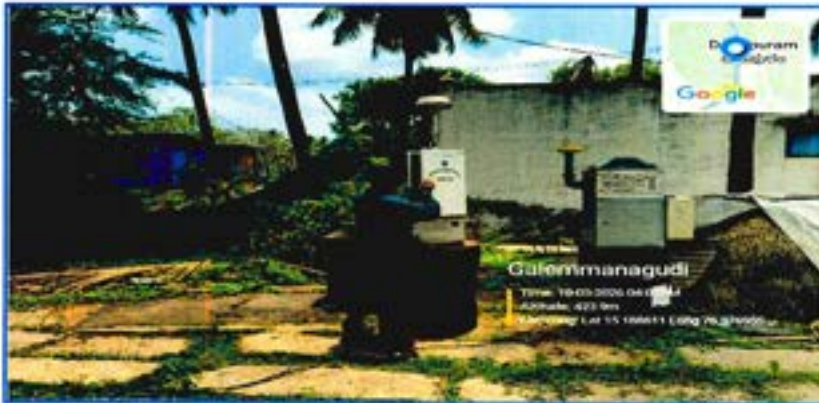
**Address:** Jeevan Galemmanagudi Village near welcome board Hanumanhalli Post.



## AMBIENT AIR QUALITY MONITORING

**Location:** A 4- Galemmanagudi

**Address:** Jeevan Galemmanagudi Village near welcome board Hanumanhalli Post.





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-05

Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
 Customer Reference : WORKORDER NO., 4500004504 Dated 09.01.2026  
 Sample collected by : Shri Krishna Aqua Engineering Works  
 Discipline : Chemical  
 Group : Atmospheric Pollution  
 Sample Type : Ambient Air Quality Monitoring  
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler  
 Month : MAY-2026  
 Location : A5-G Nagalapura Village  
 Duration of Monitoring : 24 Hour  
 Report Issue Date : 02.06.2026  
 Report Number : ULR-TC1723126000000414F

### RESULTS

Parameters			PM10 [µg/m <sup>3</sup> ]		PM2.5 [µg/m <sup>3</sup> ]		SO <sub>2</sub> [µg/m <sup>3</sup> ]		NO <sub>2</sub> [µg/m <sup>3</sup> ]					
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)					
Date of Sampling	Date of Received Sample	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD				
04.05.2026	05.05.2026	1006	42.15	100	11.01	60	9.44	80	10.30	80				
05.05.2026	06.05.2026	1023	51.64		9.63		13.41		14.37					
11.05.2026	12.05.2026	1095	58.55		14.65		10.11		11.89					
12.05.2026	13.05.2026	1108	44.61		10.35		12.42		13.73					
18.05.2026	19.05.2026	1158	49.70		12.74		18.26		20.89					
19.05.2026	20.05.2026	1171	41.26		14.45		13.63		16.95					
25.05.2026	26.05.2026	1276	45.65		10.57		10.81		10.97					
26.05.2026	27.05.2026	1291	47.67		11.48		12.27		13.18					
<b>Average</b>			<b>47.65</b>				<b>11.86</b>				<b>12.55</b>		<b>14.04</b>	

SL NO	INSTRUMENT DETAILS		
1	Instrument Name	Respirable Dust Sampler (RDS)	Combo Sampler
2	Make & Model	Envirotech Instrument/APM 460BL	Ecotech Instruments/AAS-271
3	Serial No	R.D.S. / 199-C-37	12-D-112
4	Calibration Date	24.07.2025	08.09.2025
5	Calibration Due Date	23.07.2026	07.09.2026

INFERENCE	As per NAAQMS Standards (2009). Report Status: - Measured Values for the above parameters are within the limit.
-----------	--

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail : radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-05

Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
Sample collected by	: Shri Krishna Aqua Engineering Works
Discipline	: Chemical
Group	: Atmospheric Pollution
Sample Type	: Ambient Air Quality Monitoring
Particulars of Sample Collected	: CO Analyser
Month	: MAY-2026
Location	: A5- G Nagalapura Village
Duration of Monitoring	: 1 Hour
Report Issued Date	: 02.06.2026
Report Number	: SKAEW/BMMIL/NAAQ/2026-27/414

### RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m <sup>3</sup> ]	Standard
1	04.05.2026	1006	<0.01	4.0
2	05.05.2026	1023	<0.01	
3	11.05.2026	1095	<0.01	
4	12.05.2026	1108	<0.01	
5	18.05.2026	1158	<0.01	
6	19.05.2026	1171	<0.01	
7	25.05.2026	1276	<0.01	
8	26.05.2026	1291	<0.01	

Note: CO - CO Analyzer Manual (1 Hour)

ND - Not Detected

SL NO	INSTRUMENT DETAILS	
1	Instrument Name	CO Gas Detector
2	Make & Model	UNIPHOS & -320(M)
3	Serial No	B190255
4	Calibration Date	28.01.2026
5	Calibration Due Date	27.01.2027

INFERENCE	As per NAAQMS Standards (2009). Report Status: - Measured Values for the above parameters are within the limit
-----------	---



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

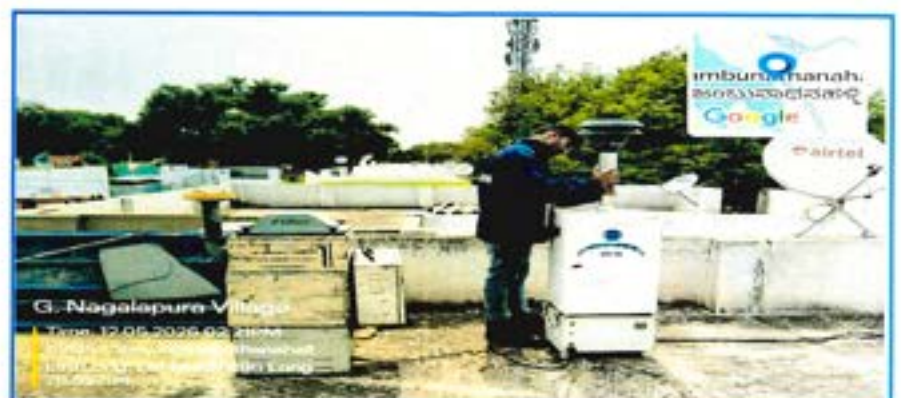
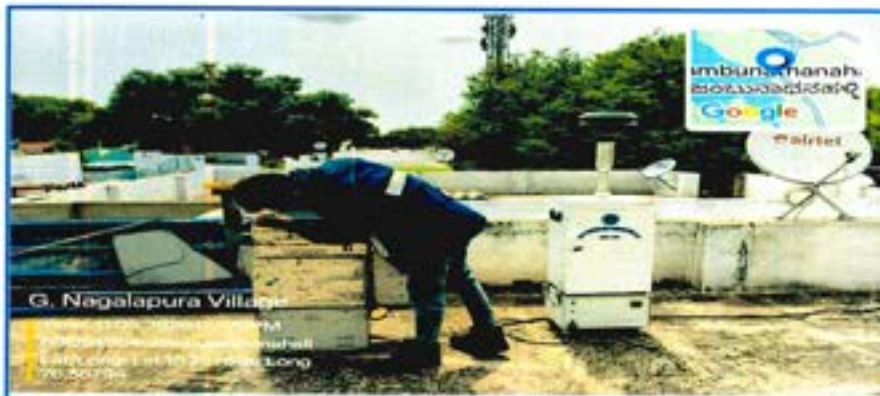
**Notes:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDG - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.

# AMBIENT AIR QUALITY MONITORING

**Location:** A 5- G Nagalapura

**Address:** B Manjunath S/o B Hemanna G Nagalapura Hospet



# AMBIENT AIR QUALITY MONITORING

**Location:** A 5- G Nagalapura

**Address:** B Manjunath S/o B Hemanna G Nagalapura Hospet





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel : 0836-2375678, Mobile +91 94480 51534, +91 94800 26018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-06

Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference	: WORKORDER NO., 4500004504 Dated 09.01.2026
Sample collected by	: Shri Krishna Aqua Engineering Works
Discipline	: Chemical
Group	: Atmospheric Pollution
Sample Type	: Ambient Air Quality Monitoring
Particulars of Sample Collected	: Respirable Dust Sampler, FPS Sampler
Month	: MAY-2026
Location	: A6-Gunda Tanda Village
Duration of Monitoring	: 24 Hour
Report Issue Date	: 02.06.2026
Report Number	: ULR-TC1723126000000423F

### RESULTS

Parameters			PM <sub>10</sub> [µg/m <sup>3</sup> ]		PM <sub>2.5</sub> [µg/m <sup>3</sup> ]		SO <sub>2</sub> [µg/m <sup>3</sup> ]		NO <sub>2</sub> [µg/m <sup>3</sup> ]					
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)					
Date of Sampling	Date of Received Sample	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD				
06.05.2026	07.05.2026	1037	49.86	100	10.24	60	10.45	80	10.83	80				
07.05.2026	08.05.2026	1053	54.01		11.09		11.93		13.62					
11.05.2026	12.05.2026	1096	51.23		14.03		9.64		11.47					
12.05.2026	13.05.2026	1109	47.03		15.63		10.81		12.02					
20.05.2026	21.05.2026	1184	42.10		13.81		14.14		15.73					
21.05.2026	22.05.2026	1202	50.06		11.63		9.25		9.42					
25.05.2026	26.05.2026	1277	40.72		14.45		11.11		11.80					
26.05.2026	27.05.2026	1292	41.60		11.82		8.94		10.24					
<b>Average</b>			<b>47.08</b>				<b>12.84</b>				<b>10.78</b>		<b>11.89</b>	

SL NO	INSTRUMENT DETAILS		
1	Instrument Name	Respirable Dust Sampler (RDS)	Fine Particulate Sampler (FPS)
2	Make & Model	Envirotech Instrument/APM 460BL	Titan /FPS/APM-700
3	Serial No	R.D.S. / 1402-DTK-2001	FPS/102-C-13
4	Calibration Date	28.01.2026	08.09.2025
5	Calibration Due Date	27.01.2026	07.09.2026

INFERENCE	As per NAAQMS Standards (2009). Report Status: - Measured Values for the above parameters are within the limit.
-----------	--

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-06  
Format No: SKAEW/7.8/RF/C/01

## ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd, Danapur, Hosapete Taluk, Vijayanagara District.  
Customer Reference : WORKORDER NO., 4500004504 DATED 09.01.2026  
Sample collected by : Shri Krishna Aqua Engineering Works  
Discipline : Chemical  
Group : Atmospheric Pollution  
Sample Type : Ambient Air Quality Monitoring  
Particulars of Sample Collected : CO Analyser  
Month : MAY-2026  
Location : A6-Gunda Tanda Village  
Duration of Monitoring : 1 Hour  
Report Issued Date : 02.06.2026  
Report Number : SKAEW/BMMIL/NAAQ/2026-27/423

### RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m <sup>3</sup> ]	Standard
1	06.05.2026	1037	<0.01	4.0
2	07.05.2026	1053	<0.01	
3	11.05.2026	1096	<0.01	
4	12.05.2026	1109	<0.01	
5	20.05.2026	1184	<0.01	
6	21.05.2026	1202	<0.01	
7	25.05.2026	1277	<0.01	
8	26.05.2026	1292	<0.01	

Note: CO - CO Analyzer Manual (1 Hour)  
ND - Not Detected

SL NO	INSTRUMENT DETAILS	
1	Instrument Name	CO Gas Detector
2	Make & Model	UNIPHOS &-320(M)
3	Serial No	B190255
4	Calibration Date	28.01.2026
5	Calibration Due Date	27.01.2027

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit
-----------	---



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

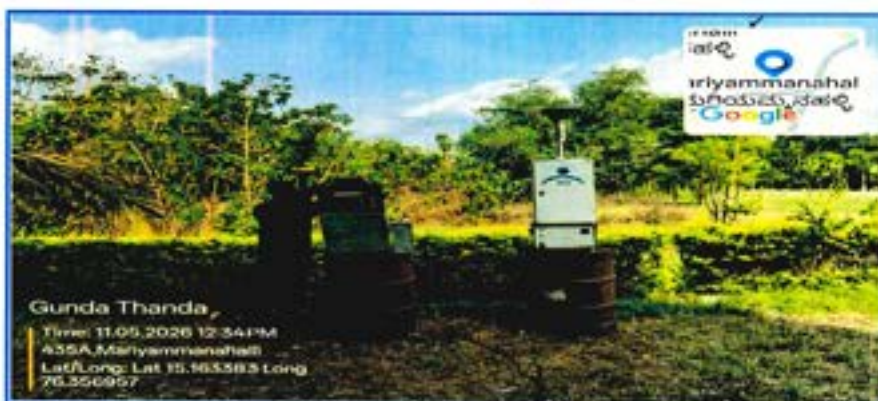
#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Permitted by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the Laboratory. Subjected to Hubli Jurisdiction.

# AMBIENT AIR QUALITY MONITORING

**Location:** A 6 – Gunda Thanda

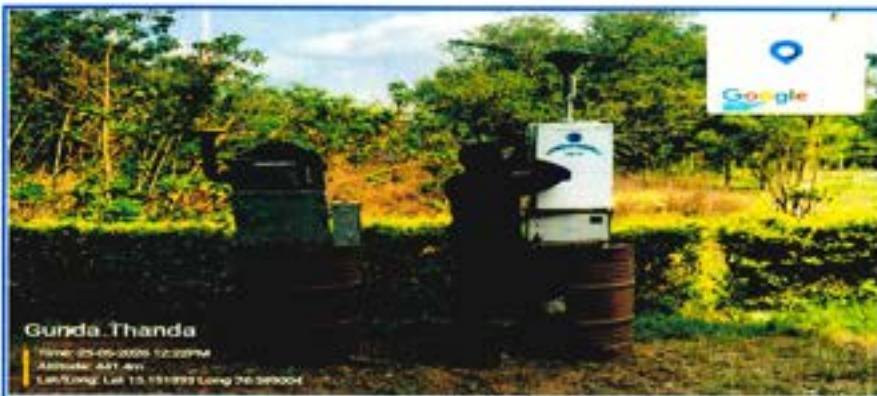
**Address:** BMM Quarters



# AMBIENT AIR QUALITY MONITORING

**Location:** A 6 – Gunda Thanda

**Address:** BMM Quarters





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. 0836-2375678, Mobile +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-07

Format No: SKAEW/7.8/RF/C/01

## FORTNIGHTLY FUGITIVE AIR QUALITY MONITORING DATA

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(1 <sup>st</sup> Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4)1999 RA 2014
9	Report Issued Date	:	02.06.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/429

### RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ( $\mu\text{g}/\text{m}^3$ )	Standard
<b>I. Beneficiation Plant-1</b>						
1.	Near Iron Ore Bottom Hopper	1065	08.05.2026	09.05.2026	525.83	2000
2.	Iron Ore Screen	1066	08.05.2026	09.05.2026	847.19	2000
3.	Near Air Compressor	1067	08.05.2026	09.05.2026	569.03	2000
<b>II. Pellet Plant-1</b>						
4.	Near Pellet Plant	1068	08.05.2026	09.05.2026	1863.38	2000
5.	Annual Cooler Pellet Discharge bin	1069	08.05.2026	09.05.2026	942.39	2000
6.	Pellet Stock Yard	1084	09.05.2026	11.05.2026	1724.21	2000
<b>III. Sponge Iron Division-1 (kiln 1 &amp; 2)</b>						
7.	Control Room SID-1	1099	11.05.2026	12.05.2026	602.17	2000
8.	Near Product bin	1100	11.05.2026	12.05.2026	1013.51	2000
9.	Coal Feeding Area	1101	11.05.2026	12.05.2026	1186.65	2000
<b>IV. Induction Furnace &amp; Rolling Mill - 1</b>						
10.	IF Office	1085	09.05.2026	11.05.2026	1956.3	2000
11.	TMT Stock Yard	1086	09.05.2026	11.05.2026	1882.38	2000
12.	RML Gasifier	1087	09.05.2026	11.05.2026	550.48	2000
<b>V. Power Plant 25 MW-1</b>						
13.	25 MW ESP	1102	11.05.2026	12.05.2026	1005.43	2000
14.	25 MW ACC	1114	12.05.2026	13.05.2026	931.64	2000
<b>VI. Site Services</b>						
15.	PGP- coal handling system	1088	09.05.2026	11.05.2026	465.62	2000
16.	IF Slag Crusher	1103	11.05.2026	12.05.2026	870.76	2000
17.	Main Gate	1115	12.05.2026	13.05.2026	319.90	2000
18.	Fly ash Dump	1051	07.05.2026	08.05.2026	608.28	2000

SL NO	INSTRUMENT DETAILS	HVS-01	HVS-02	HVS-03	HVS-04	HVS-05
1	Instrument Name	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler
2	Make & Model	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043
3	Serial No	H.V.S./47-J-2025	H.V.S./ 48-J-2025	H.V.S./ 49-J-2025	H.V.S./ 50-J-2025	H.V.S./ 51-J-2025
4	Calibration Date	28.01.2026	28.01.2026	28.01.2026	28.01.2026	28.01.2026
5	Calibration Due Date	27.01.2027	27.01.2027	27.01.2027	27.01.2027	27.01.2027

Note: SPM- Suspended Particulate matter. ( $\mu\text{g}/\text{m}^3$ ), INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***

Reviewed &amp; Authorized Signatory

*R.H. Bengeri*Mrs. Radha M Bengeri  
Technical Manager**Notes:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limits, DL - Detection Limits.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



Near Iron Ore  
Bottom Hopper

Time: 05-05-2025 10:55AM  
Altitude: 427.6m  
Lat/Long: Lat: 15.170421 Long: 76.577571



Iron Ore  
Screen

Time: 05-05-2025 10:49AM  
Altitude: 427.6m  
Lat/Long: Lat: 15.170421 Long: 76.577571



Op-1 Near compressor

Time: 05-05-2025 10:53AM  
Altitude: 432.5m  
Lat/Long: Lat: 15.170421 Long: 76.577571



Near Pellet Plant

Time: 05-05-2025 11:05AM  
Altitude: 435.6m  
Lat/Long: Lat: 15.170421 Long: 76.577571



PP-1 Annual Cooler  
Pellet Discharge point

Time: 05-05-2025 11:35AM  
Altitude: 441.4m  
Lat/Long: Lat: 15.170421 Long: 76.577571



pellet stack area  
 Time: 09-05-2020 09:37AM  
 Altitude: 206.0m  
 Lat/Long: Lat 15.169758 Long 76.377215



IF Office  
 Altitude: 206.0m  
 Lat/Long: Lat 15.169758 Long 76.377215



TMD stock yard  
 Time: 09-05-2020 09:37AM  
 Altitude: 206.0m  
 Lat/Long: Lat 15.169758 Long 76.377215

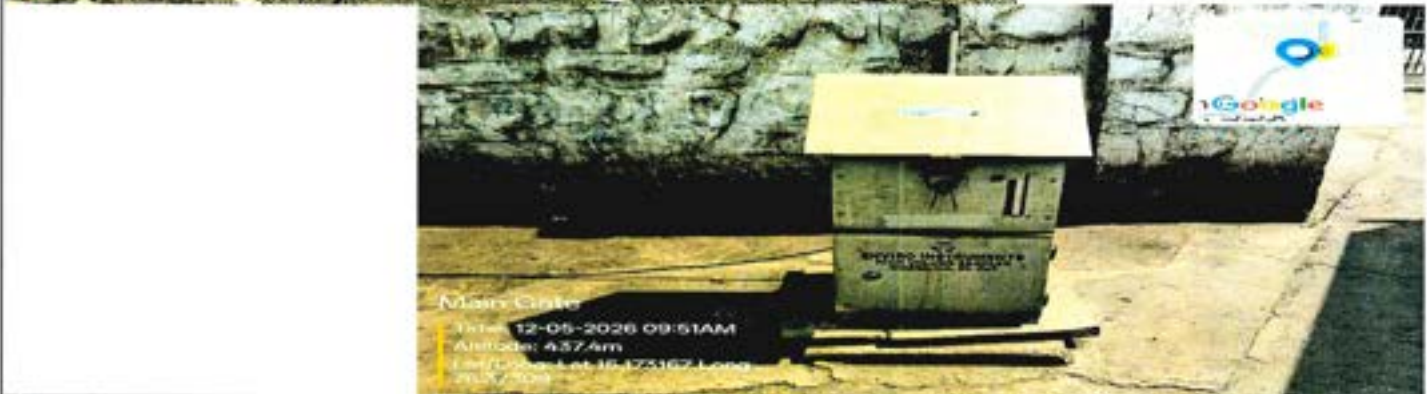


RML Gasifier  
 Time: 09-05-2020 09:37AM  
 Altitude: 424.0m  
 Lat/Long: Lat 15.172018 Long 76.377215



Control Room SID-1  
 Time: 11-05-2020 09:41AM  
 Altitude: 421.4m  
 Lat/Long: Lat 15.172018 Long 76.377215







# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. 0836-2375678, Mobile +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-08

Format No: SKAEW/7.8/RF/C/01

## FORTNIGHTLY FUGITIVE AIR QUALITY MONITORING DATA

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	: HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	: (2 <sup>nd</sup> Fort Night)
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Method adopted	: IS 5182 (Part 4)1999 RA 2014
9	Report Issued Date	: 02.06.2026
10	Report Number	: SKAEW/BMMIL/FM/2026-27/494

### RESULTS

Sl. NO.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ( $\mu\text{g}/\text{m}^3$ )	Standard
<b>I. Beneficiation Plant-1</b>						
1.	Near Iron Ore Bottom Hopper	1255	22.05.2026	23.05.2026	1439.21	2000
2.	Iron Ore Screen	1256	22.05.2026	23.05.2026	819.83	2000
3.	Near Air Compressor	1257	22.05.2026	23.05.2026	740.55	2000
<b>II. Pellet Plant-I</b>						
4.	Near Pellet Plant	1258	22.05.2026	23.05.2026	373.81	2000
5.	Annual Cooler Pellet Discharge bin	1259	22.05.2026	23.05.2026	1263.38	2000
6.	Pellet Stock Yard	1269	23.05.2026	25.05.2026	1125.85	2000
<b>III. Sponge Iron Division-1(kiln 1 &amp; 2)</b>						
7.	Control Room SID-I	1284	25.05.2026	26.05.2026	447.58	2000
8.	Near Product bin	1285	25.05.2026	26.05.2026	606.53	2000
9.	Coal Feeding Area	1286	25.05.2026	26.05.2026	1024.75	2000
<b>IV. Induction Furnace &amp; Rolling Mill</b>						
10.	IF Office	1270	23.05.2026	25.05.2026	464.20	2000
11.	TMT Stock Yard	1271	23.05.2026	25.05.2026	229.89	2000
12.	RML Gasifier	1272	23.05.2026	25.05.2026	272.15	2000
<b>V. Power Plant 25 MW-1</b>						
13.	25 MW ESP	1287	25.05.2026	26.05.2026	254.29	2000
14.	25 MW ACC	1297	26.05.2026	27.05.2026	106.73	2000
<b>VI. Site Services</b>						
15.	PGP- Coal handling system	1274	23.05.2026	25.05.2026	515.68	2000
16.	IF Slag Crusher	1288	25.05.2026	26.05.2026	333.07	2000
17.	Main Gate	1298	26.05.2026	27.05.2026	91.34	2000
18.	Fly ash Dump	1205	21.05.2026	22.05.2026	1882.5	2000

Note: SPM - Suspended Particulate matter ( $\mu\text{g}/\text{m}^3$ ), INFERENCE: The Measured Values are within the limits.

Sl. NO	INSTRUMENT DETAILS	HVS-01	HVS-02	HVS-03	HVS-04	HVS-05
1	Instrument Name	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler
2	Make & Model	Enviro Instruments/EI-043	Enviro Instruments/EI-043	Enviro Instruments/EI-043	Enviro Instruments/EI-043	Enviro Instruments/EI-043
3	Serial No	H.V.S./47-j-2025	H.V.S./48-j-2025	H.V.S./49-j-2025	H.V.S./50-j-2025	H.V.S./51-j-2025
4	Calibration Date	28.01.2026	28.01.2026	28.01.2026	28.01.2026	28.01.2026
5	Calibration Due Date	27.01.2027	27.01.2027	27.01.2027	27.01.2027	27.01.2027

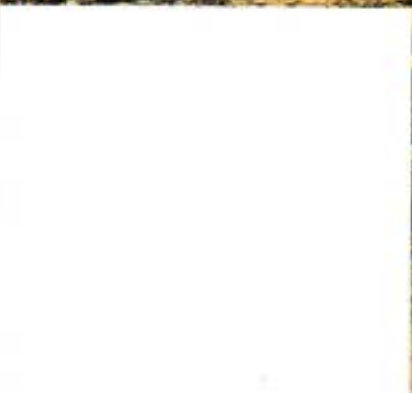
\*\*End of the Report\*\*



Reviewed &amp; Authorized Signatory

*R.H. Bengeri*Mrs. Radha M Bengeri  
Technical Manager**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Forwaded by Customer.
- Total BDL - Below Detectable Limits, DL - Detection Limits.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.

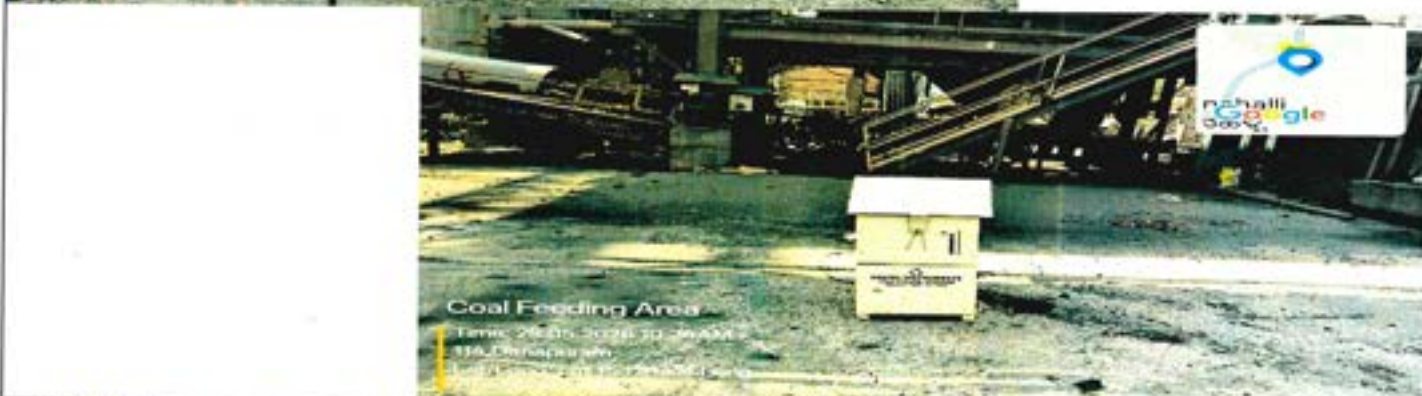






Near Product Pile

Time: 26.05.2026 10:13AM  
 114, Danapuram  
 Lat/Long: Lat 15.170421 Long 76.377371



Coal Feeding Area

Time: 26.05.2026 10:36AM  
 114, Danapuram  
 Lat/Long: Lat 15.170421 Long 76.377371



25 MW ESP

Time: 26.05.2026 10:39AM  
 114, Danapuram  
 Lat/Long: Lat 15.170421 Long 76.377371



25 MW ACC

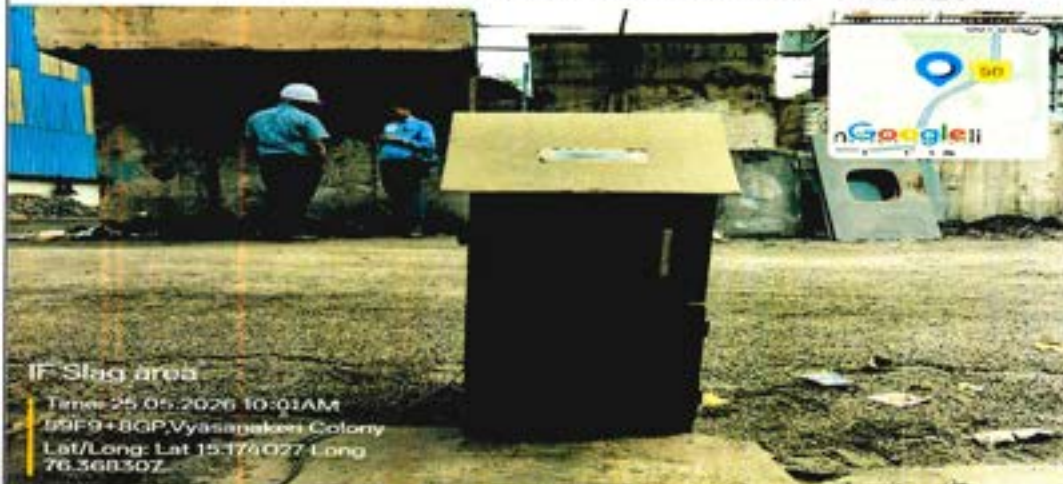
Time: 26.05.2026 09:47AM  
 530F, 12VR, Dasm  
 Lat/Long: Lat 15.034529 Long 76.373467



PGR coal handling system

Time: 25-05-2026 09:43AM  
 Altitude: 417.0m  
 Lat/Long: Lat 15.034529 Long 76.373467

FUGITIVE EMISSION MONITORING ANNEXURE-8



IF Slag area

Time: 25-05-2026 10:01AM  
59F9+8QP,Vyasipakera Colony  
Lat/Long: Lat 15.174027 Long  
76.368307



Main Gate

Time: 26-05-2026 09:55AM  
59CF+GVR,Danapuram  
Lat/Long: Lat 15.171174 Long  
76.374694



Fly ash dump

Time: 21-05-2026 11:04AM  
Altitude: 434.6m  
Lat/Long: Lat 15.125329 Long  
76.592983



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-09

Format No: SKAEW/7.8/RF/C/01

## FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(1 <sup>st</sup> Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	02.06.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/440

### RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ( $\mu\text{g}/\text{m}^3$ )	Standard
<b>Blast Furnace</b>						
1.	RMHS	1116	12.05.2026	13.05.2026	1754.5	2000
2.	Stock House	1117	12.05.2026	13.05.2026	1826.5	2000
3.	Gas Network Area	1118	12.05.2026	13.05.2026	279.11	2000
4.	Blower Area	1125	13.05.2026	14.05.2026	269.50	2000
5.	Gas Cleaning plant (GCP)	1126	13.05.2026	14.05.2026	982.97	2000
6.	Stove Area	1127	13.05.2026	14.05.2026	1696.72	2000
7.	Control ROOM (CR)	1128	13.05.2026	14.05.2026	449.29	2000
8.	Pig Costing Machine (PCM)	1135	14.05.2026	15.05.2026	333.64	2000
9.	Slag Granulation Plant (SGP)	1136	14.05.2026	15.05.2026	476.24	2000
10.	Cost House Area	1129	13.05.2026	14.05.2026	992.46	2000
<b>SMS Area</b>						
1.	Stock House/Vibro Feeders	1137	14.05.2026	15.05.2026	1932.76	2000
2.	Ladle Tapping	1138	14.05.2026	15.05.2026	396.28	2000
3.	Slag pouring Area	1139	14.05.2026	15.05.2026	905.36	2000
<b>MBM</b>						
1.	Near Re-Heating Furnace	1141	15.05.2026	16.05.2026	655.13	2000

Note: SPM -Suspended Particulate matter ( $\mu\text{g}/\text{m}^3$ ), INFERENCE: The Measured Values are within the limits.

SL NO	INSTRUMENT DETAILS	HVS-01	HVS-02	HVS-03	HVS-04	HVS-05
1	Instrument Name	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler
2	Make & Model	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043
3	Serial No	H.V.S./47-J-2025	H.V.S./ 48-J-2025	H.V.S./ 49-J-2025	H.V.S./ 50-J-2025	H.V.S./ 51-J-2025
4	Calibration Date	28.01.2026	28.01.2026	28.01.2026	28.01.2026	28.01.2026
5	Calibration Due Date	27.01.2027	27.01.2027	27.01.2027	27.01.2027	27.01.2027

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

FLUGTIVE EMISSION MONITORING

ANNEXURE-9



RMHS

Time: 12-05-2026 10:07AM  
Altitude: 431.2m  
Lat/Long: Lat:15.166151 Long: 76.381158



Stock House

Time: 12-05-2026 10:14AM  
Altitude: 431.2m  
Lat/Long: Lat:15.166151 Long: 76.381158



Gas network area

Time: 12-05-2026 10:02AM  
Altitude: 441.2m  
Lat/Long: Lat:15.166151 Long: 76.381158



Blower area

Time: 13-05-2026 09:35AM  
Altitude: 426.6m  
Lat/Long: Lat:15.166151 Long: 76.381158



Gas Cleaning Plant (GCP)

Time: 13-05-2026 09:36AM  
Altitude: 426.6m  
Lat/Long: Lat:15.166151 Long: 76.381158



Open area  
 Time: 15-05-2026 09:53AM  
 Altitude: 425.0m  
 Lat/Long: Lat 15.166141 Long 76.501150



control room (CR)  
 Time: 15-05-2026 09:50AM  
 Altitude: 425.0m  
 Lat/Long: Lat 15.166141 Long 76.501150



Pig Coating Machine (PCM)  
 Time: 15-05-2026 09:56AM  
 Altitude: 389.0m  
 Lat/Long: Lat 15.166022 Long 76.517775



Stone Granulation Plant (SGP)  
 Time: 15-05-2026 09:47AM  
 Altitude: 389.0m  
 Lat/Long: Lat 15.166022 Long 76.517775

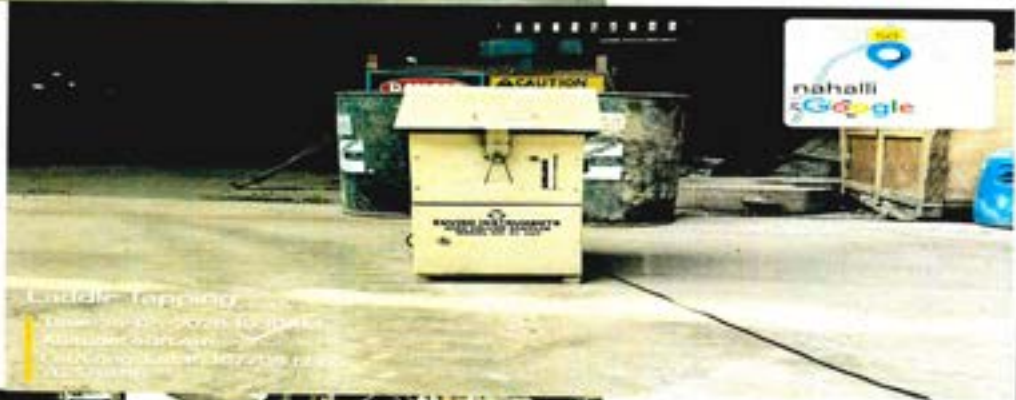


Cost House Area  
 Time: 15-05-2026 09:54AM  
 Altitude: 449.0m  
 Lat/Long: Lat 15.166141 Long 76.501150



Stock house/vibro feeders

Time: 14-05-2026 10:05AM  
Altitude: 408.4m  
Lat/Long: Lat 15.102705 Long 76.376910



Ladle Tapping

Time: 14-05-2026 10:06AM  
Altitude: 408.4m  
Lat/Long: Lat 15.102705 Long 76.376910



Slag Pouring Area

Time: 14-05-2026 10:07AM  
Altitude: 408.4m  
Lat/Long: Lat 15.102705 Long 76.376910



Near Re-Heating

Furnance

Time: 15-05-2026 09:52AM  
Altitude: 444.0m  
Lat/Long: Lat 15.102705 Long 76.376910



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-10

Format No: SKAEW/7.8/RF/C/01

## FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(1 <sup>ST</sup> Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	02.06.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/410

### RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ( $\mu\text{g}/\text{m}^3$ )	Standard
<b>I. Beneficiation Plant-II</b>						
1.	Ball Mill Area (Zero Meter)	998	02.05.2026	04.05.2026	277.01	2000
2.	Concentrate Thickner	999	02.05.2026	04.05.2026	893.11	2000
3.	Near Cone Crusher	1000	02.05.2026	04.05.2026	884.62	2000
<b>II. Pellet Plant</b>						
4.	PR-6	1001	02.05.2026	04.05.2026	833.53	2000
5.	Annual Cooler Pellet Discharge bin	1002	02.05.2026	04.05.2026	944.38	2000
6.	Additive Grinding Building	1031	05.05.2026	06.05.2026	1960.38	2000
<b>III. Sponge Iron Division -2 (Kiln 3 &amp; 4)</b>						
7.	Control room	1014	04.05.2026	05.05.2026	1744.3	2000
8.	Near Weigh bridge (dispatch)	1015	04.05.2026	05.05.2026	1947.5	2000
9.	Transfer House area	1016	04.05.2026	05.05.2026	1110.38	2000
10.	Production Separation Bin-PSB	1017	04.05.2026	05.05.2026	1219.02	2000
11.	Pellet Storage bin	1018	04.05.2026	05.05.2026	929.08	2000
<b>IV. Sponge Iron Division -3 (Kiln 5 &amp; 6)</b>						
12.	Near Control room	1032	05.05.2026	06.05.2026	1786.59	2000
13.	Near Product bin	1033	05.05.2026	06.05.2026	1844.2	2000
14.	Near Coal Crusher	1034	05.05.2026	06.05.2026	1692.2	2000
15.	Coal Dryer	1047	06.05.2026	07.05.2026	1525.81	2000

Note: SPM -Suspended Particulate matter ( $\mu\text{g}/\text{m}^3$ ), INFERENCE: The Measured Values are within the limits.

SL NO	INSTRUMENT DETAILS	HVS-01	HVS-02	HVS-03	HVS-04	HVS-05
1	Instrument Name	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler
2	Make & Model	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043
3	Serial No	H.V.S./47-J-2025	H.V.S./ 48-J-2025	H.V.S./ 49-J-2025	H.V.S./ 50-J-2025	H.V.S./ 51-J-2025
4	Calibration Date	28.01.2026	28.01.2026	28.01.2026	28.01.2026	28.01.2026
5	Calibration Due Date	27.01.2027	27.01.2027	27.01.2027	27.01.2027	27.01.2027

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

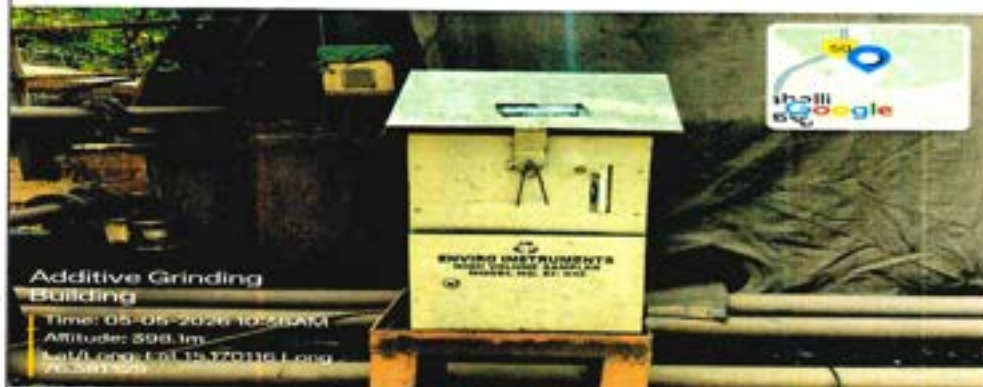
*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.





**Additive Grinding Building**

Time: 04-05-2026 10:56AM  
 Altitude: 598.1m  
 Lat/Long: Lat 15.170116 Long 76.379535



**SID-2 control room**

Time: 04-05-2026 10:15AM  
 Altitude: 599.1m  
 Lat/Long: Lat 15.169268 Long 76.379535



**Near Weigh bridge (Dispatch)**

Time: 04-05-2026 10:35AM  
 Altitude: 438.5m  
 Lat/Long: Lat 15.169268 Long 76.379535



**Transfer House area**

Time: 04-05-2026 10:20AM  
 Altitude: 439.3m  
 Lat/Long: Lat 15.169268 Long 76.379535



**Production Separation Bin PSB**

Time: 04-05-2026 10:25AM  
 Altitude: 438.5m  
 Lat/Long: Lat 15.169268 Long 76.379535





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail : radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-10A

Format No: SKAEW/7.8/RF/C/01

## FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(1 <sup>ST</sup> Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	02.06.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/421

### RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ( $\mu\text{g}/\text{m}^3$ )	Standard
<b>V. Wagon Tipper/RMHS</b>						
16.	Near Tipping point	1035	05.05.2026	06.05.2026	1896.70	2000
17.	Monsoon Shed (CPU)	1048	06.05.2026	07.05.2026	1420.56	2000
18.	MCC Room (2 <sup>nd</sup> Gate)	1049	06.05.2026	07.05.2026	1411.28	2000
<b>Power plant -70M</b>						
19.	70MW-DM Plant (Near R.O. Plant)	1050	06.05.2026	07.05.2026	1265.60	2000
20.	2 <sup>nd</sup> gate weigh bridge Near Coal Screen	1061	07.05.2026	08.05.2026	1755.6	2000
21.	CFBC boiler	1051	06.05.2026	07.05.2026	1432.5	2000
<b>VII. 2X70MW Power Plant</b>						
22.	Near Boiler	1062	07.05.2026	08.05.2026	1151.44	2000
23.	Near Coal storage Shed	1063	07.05.2026	08.05.2026	1574.5	2000
24.	Dolochar Processing Area	1064	07.05.2026	08.05.2026	649.31	2000

Note: SPM -Suspended Particulate matter ( $\mu\text{g}/\text{m}^3$ ), INFERENCE: The Measured Values are within the limits.

SL NO	INSTRUMENT DETAILS	HVS-01	HVS-02	HVS-03	HVS-04	HVS-05
1	Instrument Name	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler
2	Make & Model	Enviro Instruments/EI-043	Enviro Instruments/EI-043	Enviro Instruments/EI-043	Enviro Instruments/EI-043	Enviro Instruments/EI-043
3	Serial No	H.V.S./47-j-2025	H.V.S./ 48-j-2025	H.V.S./ 49-j-2025	H.V.S./ 50-j-2025	H.V.S./ 51-j-2025
4	Calibration Date	28.01.2026	28.01.2026	28.01.2026	28.01.2026	28.01.2026
5	Calibration Due Date	27.01.2027	27.01.2027	27.01.2027	27.01.2027	27.01.2027

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

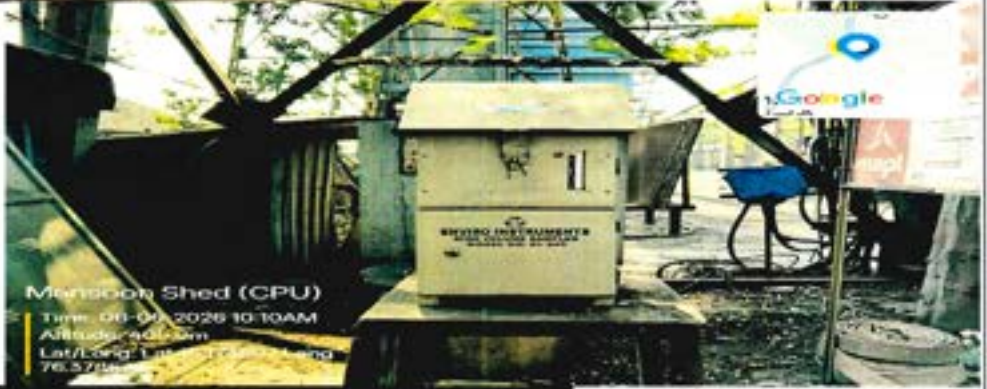
Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



**Near Tipping point**  
 Time: 05-05-2026 10:26AM  
 Altitude: 494.3m  
 Lat/Long: Lat 15.175205 Long 76.581121



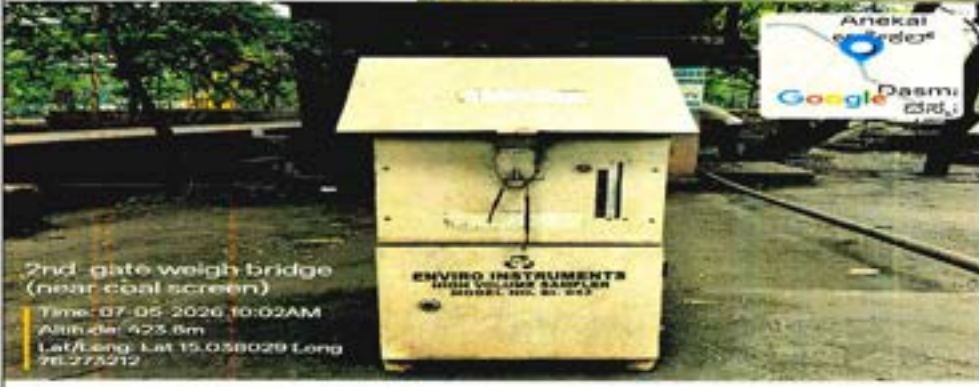
**Monsoon Shed (CPU)**  
 Time: 06-05-2026 10:10AM  
 Altitude: 403.9m  
 Lat/Long: Lat 15.175205 Long 76.578621



**MCC Room (2nd Gate)**  
 Time: 06-05-2026 10:21AM  
 Altitude: 413.0m  
 Lat/Long: Lat 15.175603 Long 76.579155



**70MW-DM Plant (Near R.O. Plant)**  
 Time: 06-05-2026 09:58AM  
 Altitude: 448.9m  
 Lat/Long: Lat 15.170421 Long 76.577571



**2nd-gate weigh bridge (near coal screen)**  
 Time: 07-05-2026 10:02AM  
 Altitude: 423.6m  
 Lat/Long: Lat 15.038029 Long 76.273212



**CFBC boiler**  
Time: 06-05-2020 10:09AM  
Altitude: 448.9m  
Lat/Long: Lat: 15.120421 Long: 76.577571



**Near Boiler**  
Time: 07-05-2020 10:18AM  
Altitude: 539.6m  
Lat/Long: Lat: 15.175289 Long: 76.58866



**Near Coal storage shed**  
Time: 07-05-2020 10:51AM  
Altitude: 498.6m  
Lat/Long: Lat: 15.175289 Long: 76.58866



**CPP Dolocher Process Area**  
Time: 07-05-2020  
Altitude: 558.8m  
Lat/Long: Lat: 15.175289 Long: 76.58866



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaqua@gmail.com

ANNEXURE-11

Format No: SKAEW/7.8/RF/C/01

## FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	: BMM Ispat Ltd, Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	: MAY-2026(2 <sup>ND</sup> Fort Night)
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Method adopted	: IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	: 02.06.2026
10	Report Number	: SKAEW/BMMIL/FM/2026-27/449

### RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ( $\mu\text{g}/\text{m}^3$ )	Standard
<b>I. Beneficiation Plant-II</b>						
1.	Ball Mill Area (Zero Meter)	1148	16.05.2026	18.05.2026	1798.38	2000
2.	Concentrate Thickner	1149	16.05.2026	18.05.2026	1205.96	2000
3.	Near Cone Crusher	1150	16.05.2026	18.05.2026	537.87	2000
<b>II. Pellet Plant-I</b>						
4.	PR-6	1151	16.05.2026	18.05.2026	538.97	2000
5.	Annual Cooler Pellet Discharge bin	1152	16.05.2026	18.05.2026	718.79	2000
6.	Additive Grinding Building	1178	19.05.2026	20.05.2026	1846.6	2000
<b>III. Sponge Iron Division -2 (Kiln 3&amp;4)</b>						
7.	Control room	1163	18.05.2026	19.05.2026	954.70	2000
8.	Near Weigh bridge (dispatch)	1164	18.05.2026	19.05.2026	507.83	2000
9.	Transfer House area	1165	18.05.2026	19.05.2026	657.87	2000
10.	Production Separation Bin-PSB	1166	18.05.2026	19.05.2026	586.49	2000
11.	Pellet Storage bin	1167	18.05.2026	19.05.2026	621.36	2000
<b>IV. Sponge Iron Division -2 (Kiln 5&amp;6)</b>						
12.	Near Control room	1179	19.05.2026	20.05.2026	1423.3	2000
13.	Near Coal Crusher	1180	19.05.2026	20.05.2026	1691.4	2000
14.	Near Product bin	1181	19.05.2026	20.05.2026	1794.5	2000
15.	Coal Drier	1182	20.05.2026	21.05.2026	505.17	2000

Note: SPM -Suspended Particulate matter ( $\mu\text{g}/\text{m}^3$ ), INFERENCE: The Measured Values are within the limits.

Sl. NO	INSTRUMENT DETAILS	HVS-01	HVS-02	HVS-03	HVS-04	HVS-05
1	Instrument Name	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler
2	Make & Model	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043
3	Serial No	H.V.S./47-J-2025	H.V.S./48-J-2025	H.V.S./49-J-2025	H.V.S./50-J-2025	H.V.S./51-J-2025
4	Calibration Date	28.01.2026	28.01.2026	28.01.2026	28.01.2026	28.01.2026
5	Calibration Due Date	27.01.2027	27.01.2027	27.01.2027	27.01.2027	27.01.2027

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

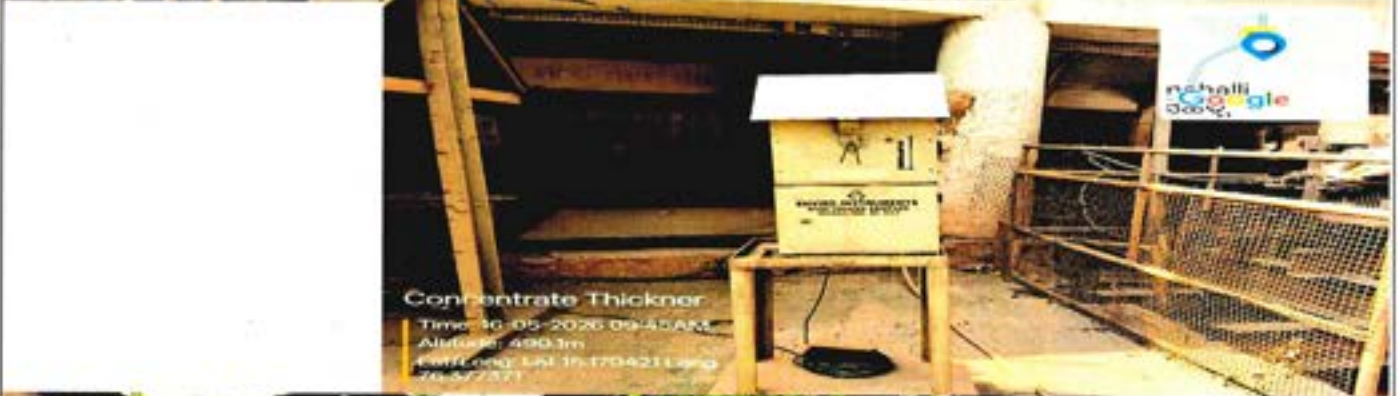
#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



Ball Mill Area (Zero Meter)

Time: 16-05-2026 09:42AM  
Altitude: 490.1m  
Lat/Long: Lat: 15.170421 Long: 76.877371



Concentrate Thickener

Time: 16-05-2026 09:45AM  
Altitude: 490.1m  
Lat/Long: Lat: 15.170421 Long: 76.877371



Near Cone crusher

Time: 16-05-2026 09:49AM  
Altitude: 490.1m  
Lat/Long: Lat: 15.170421 Long: 76.877371



PR-6

Time: 16-05-2026 09:55AM  
Altitude: 490.1m  
Lat/Long: Lat: 15.170421 Long: 76.877371



Annual Coaster Pellet Discharge Point

Time: 16-05-2026 10:05AM  
Altitude: 484.3m  
Lat/Long: Lat: 15.170421 Long: 76.877371



**Additive Grinding Building**  
Time: 18-05-2026 09:36AM  
Altitude: 405.0m  
Lat/Long: Lat 15.160478 Long 76.381160



**SID-2 control room**  
Time: 18-05-2026 09:53AM  
Altitude: 408.2m  
Lat/Long: Lat 15.170003 Long 76.381921



**Near Weigh bridge (dispatch)**  
Time: 18-05-2026 10:22AM  
Altitude: 408.8m  
Lat/Long: Lat 15.169478 Long 76.38168



**Transfer House area**  
Time: 18-05-2026 10:40AM  
Altitude: 408.0m  
Lat/Long: Lat 15.170003 Long 76.381921



**Production Separation Bin-PSB**  
Time: 18-05-2026 10:05AM  
Altitude: 409.3m  
Lat/Long: Lat 15.170583 Long 76.381921





**Pellet Storage bin**  
Time: 18-05-2026 10:10AM  
Altitude: 457.6m  
Lat/Long: Lat 15.109478 Long 76.58168



**SID-3 Near Control Room**  
Time: 19-05-2026 08:50AM  
Altitude: 444.20m  
Lat/Long: Lat 15.173697 Long 76.578576



**SID-3 Near Product bin**  
Time: 19-05-2026 09:34AM  
Altitude: 444.25m  
Lat/Long: Lat 15.173697 Long 76.578576



**SID-3 Near Coal crusher**  
Time: 19-05-2026 09:41AM  
Altitude: 444.3m  
Lat/Long: Lat 15.173697 Long 76.578576



**Coal Dryer**  
Time: 20-05-2026 09:43AM  
Altitude: 456.5m  
Lat/Long: Lat 15.172618 Long 76.575643



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-11A

Format No: SKAEW/7.8/RF/C/01

## FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	: MAY-2026(2 <sup>ND</sup> Fort Night)
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Method adopted	: IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	: 02.06.2026
10	Report Number	: SKAEW/BMMIL/FM/2026-27/452

### RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ( $\mu\text{g}/\text{m}^3$ )	Standard
<b>V. Wagon Tipper/RMHS</b>						
16.	Near Tipping point	1182	19.05.2026	20.05.2026	1369.5	2000
17.	Monsoon Shed (CPU)	1194	20.05.2026	21.05.2026	1586.06	2000
18.	MCC Room (2 <sup>nd</sup> Gate)	1195	20.05.2026	21.05.2026	515.82	2000
<b>VI. Power Plant-70 MW</b>						
19.	70MW-DM Plant (Near R.O. Plant)	1196	20.05.2026	21.05.2026	282.56	2000
20.	2 <sup>nd</sup> gate weigh bridge Near Coal Screen	1206	21.05.2026	22.05.2026	674.91	2000
21.	CPBC boiler	1197	20.05.2026	21.05.2026	267.36	2000
<b>VII. 2X70MW Power Plant</b>						
22.	Near Boiler	1207	21.05.2026	22.05.2026	405.89	2000
23.	Near Coal storage Shed	1208	21.05.2026	22.05.2026	574.01	2000
24.	CPP Dolochar Process Area	1209	21.05.2026	22.05.2026	420.63	2000

Note: SPM -Suspended Particulate matter ( $\mu\text{g}/\text{m}^3$ ), INFERENCE: The Measured Values are within the limits.

SL NO	INSTRUMENT DETAILS	HVS-01	HVS-02	HVS-03	HVS-04	HVS-05
1	Instrument Name	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler
2	Make & Model	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043	Enviro Instrumets/EI-043
3	Serial No	H.V.S./47-J-2025	H.V.S./ 48-J-2025	H.V.S./ 49-J-2025	H.V.S./ 50-J-2025	H.V.S./ 51-J-2025
4	Calibration Date	28.01.2026	28.01.2026	28.01.2026	28.01.2026	28.01.2026
5	Calibration Due Date	27.01.2027	27.01.2027	27.01.2027	27.01.2027	27.01.2027

\*\*End of the Report\*\*



Reviewed &amp; Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory, Subjected to Hubli Jurisdiction.



**Near Dipping Point**  
Time: 20-05-2026 09:47AM  
Altitude: 503.2m  
Lat/Long: Lat 15.172618 Long 76.375645



**Monsoon Shed (CPU)**  
Time: 20-05-2026 09:40AM  
Altitude: 506.6m  
Lat/Long: Lat 15.172618 Long 76.375645



**MCC Room (2nd Gate)**  
Time: 20-05-2026 09:42AM  
Altitude: 499.6m  
Lat/Long: Lat 15.172618 Long 76.375645



**CPBC boiler**  
Time: 20-05-2026 09:55AM  
Altitude: 506.6m  
Lat/Long: Lat 15.172618 Long 76.375645



**2nd Gate weigh bridge (near Coal Screen)**  
Time: 21-05-2026 10:12AM  
Altitude: 453.2m  
Lat/Long: Lat 15.172618 Long 76.375645





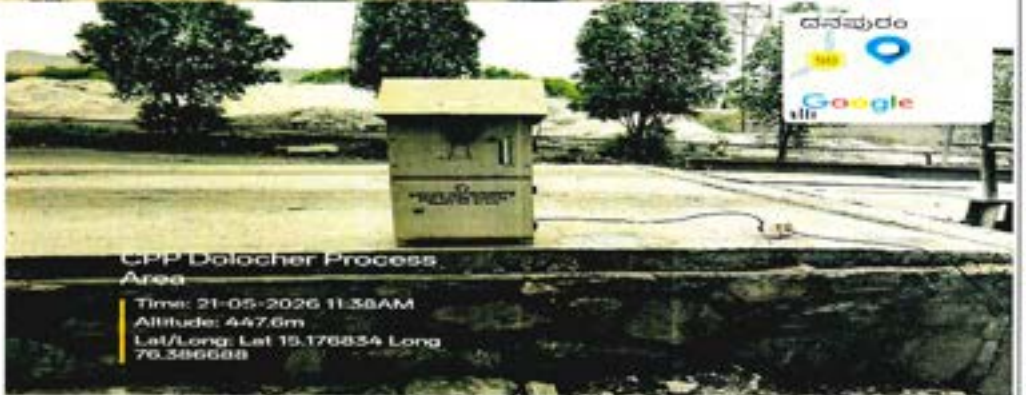
**ZBMV-DM Plant (Near R.O. Plant)**  
Time: 20-05-2026 09:30AM  
Altitude: 450.6m  
Lat/Long: Lat 15.172618 Long 76.579643



**Near Boiler**  
Time: 21-05-2026 10:35AM  
Altitude: 451.9m  
Lat/Long: Lat 15.172210 Long 76.58003



**Near Coal storage Shed**  
Time: 21-05-2026 11:13AM  
Altitude: 456.1m  
Lat/Long: Lat 15.175289 Long 76.58003



**CPP Dolocher Process Area**  
Time: 21-05-2026 11:38AM  
Altitude: 447.6m  
Lat/Long: Lat 15.176854 Long 76.586688



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel: 0836-2375678, Mobile: +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-12

Format No: SKAEW/7.8/RF/C/01

## FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	MAY-2026(2 <sup>nd</sup> Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	02.06.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/500

### RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ( $\mu\text{g}/\text{m}^3$ )	Standard
<b>Blast Furnace</b>						
1.	RMHS	1299	26.05.2026	27.05.2026	1462.3	2000
2.	Stock House	1300	26.05.2026	27.05.2026	1350.18	2000
3.	Gas Network Area	1301	26.05.2026	27.05.2026	654.35	2000
4.	Blower Area	1308	27.05.2026	28.05.2026	495.03	2000
5.	Gas Cleaning plant (GCP)	1309	27.05.2026	28.05.2026	858.60	2000
6.	Stove Area	1310	27.05.2026	28.05.2026	1837.98	2000
7.	Control ROOM (CR)	1311	27.05.2026	28.05.2026	365.42	2000
8.	Pig Costing Machine (PCM)	1318	28.05.2026	29.05.2026	160.12	2000
9.	Slag Granulation Plant (SGP)	1319	28.05.2026	29.05.2026	225.90	2000
10.	Cost House Area	1312	27.05.2026	28.05.2026	1562.09	2000
<b>SMS Area</b>						
1.	Stock House/Vibro Feeders	1320	28.05.2026	29.05.2026	1806.13	2000
2.	Ladle Tapping	1321	28.05.2026	29.05.2026	467.52	2000
3.	Slag pouring Area	1322	28.05.2026	29.05.2026	733.37	2000
<b>MBM</b>						
1.	Near Re-Heating Furnace	1326	29.05.2026	30.05.2026	374.30	2000

Note: SPM -Suspended Particulate matter ( $\mu\text{g}/\text{m}^3$ ), INFERENCE: The Measured Values are within the limits.

SL NO	INSTRUMENT DETAILS	HVS-01	HVS-02	HVS-03	HVS-04	HVS-05
1	Instrument Name	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler
2	Make & Model	Enviro Instruments/EI-043	Enviro Instruments/EI-043	Enviro Instruments/EI-043	Enviro Instruments/EI-043	Enviro Instruments/EI-043
3	Serial No	H.V.S./47-J-2025	H.V.S./48-J-2025	H.V.S./49-J-2025	H.V.S./50-J-2025	H.V.S./51-J-2025
4	Calibration Date	28.01.2026	28.01.2026	28.01.2026	28.01.2026	28.01.2026
5	Calibration Due Date	27.01.2027	27.01.2027	27.01.2027	27.01.2027	27.01.2027

\*\*End of the Report\*\*



Reviewed &amp; Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Forfeited by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



RMHS

Time: 26.05.2026 10:26AM  
59CF+QVR,Danapuram  
Lat/Long: Lat 15.17124 Long  
76.374634



Stock House

Time: 26.05.2026 10:31AM  
59CF+QVR,Danapuram  
Lat/Long: Lat 15.17174 Long  
76.374634



BF-Gas Network Area

Time: 26.05.2026 10:37AM  
59CF+QVR,Danapuram  
Lat/Long: Lat 15.17174 Long  
76.374634



Blower Area

Time: 27.05.2026 09:39AM  
59FG+28,Danapuram  
Lat/Long: Lat 15.172618 Long  
76.375643



Gas Cleaning Plant

Time: 27.05.2026 09:42AM  
59H+25,Danapuram  
Lat/Long: Lat 15.172418 Long  
76.375643

FLUGTIVE EMISSION MONITORING ANNEXURE-12





**Stock House/Vibro Feeders**

Time: 28.05.2026 09:57AM  
599G + 50M, Danapuram  
Lat/Long: Lat 15.167705 Long 76.376918



**Ladle Tapping**

Time: 28.05.2026 11:05AM  
599G + 50M, Danapuram  
Lat/Long: Lat 15.167705 Long 76.376918



**Slag Pouring Area**

Time: 28.05.2026 09:05AM  
599G + 50M, Danapuram  
Lat/Long: Lat 15.167705 Long 76.376918



**Near Re-Heating Furnance**

Time: 20.05.2026 09:38AM  
599H + 20K, Danapuram  
Lat/Long: Lat 15.16762 Long 76.376984



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-13  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	<b>Pellet Plant-1 ESP</b>
10	Month of Sampling	:	<b>MAY-2026</b>
11	Date of Sample Received	:	04.05.2026 & 19.05.2026
12	Date of Sample Analysis	:	05.05.2026 & 20.05.2026
13	Date of Sample Analysis completion	:	05.05.2026 & 20.05.2026
14	Report Issued Date	:	<b>02.06.2026</b>
15	Report Number	:	<b>ULR-TC1723126000000406F</b>

### Stack Details

1	Fuel Used	Coal & furnace oil
2	Stack Height (mtr)	100.0
3	Stack Diameter (mtr)	4.4

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				02.05.2026	18.05.2026	
	Date of Sample Collected					
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	56	59	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.47	5.94	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	33.68	33.57	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	126	141	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.029	0.024	1

Note: NS- Not Specified, RA: Reaffirmed, INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail : radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-13A

Format No: SKAEW/7.8/RF/C/01

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	<b>Pellet Plant-1 ESP</b>
10	Month of Sampling	:	<b>MAY-2026</b>
11	Date of Sample Received	:	04.05.2026 & 19.05.2026
12	Date of Sample Analysis	:	05.05.2026 & 20.05.2026
13	Date of Sample Analysis completion	:	05.05.2026 & 20.05.2026
14	Report Issued Date	:	<b>02.06.2026</b>
15	Report Number	:	<b>SKAEW/BMMIL/STACK /2026-27/406</b>

### Stack Details

1	Fuel Used	Coal & furnace oil
2	Stack Height (mtr)	100.0
3	Stack Diameter (mtr)	4.4

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				02.05.2026	18.05.2026	
	Date of Sample Collected					
	Sample Code			991	1159	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	33	33	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	19	21	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	270995	290897	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	299461	325200	-

Note: NS- Not Specified, RA: Reaffirmed, INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the Laboratory. Subjected to Hubli jurisdiction.

STACK EMISSION LOCATIONS

Pellet Plant-1 ESP





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

## ANNEXURE-14

Format No: SKAEW/7.8/RF/C/04

### Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	2X100 TPD Sponge iron plant Kiln 1 & 2
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	09.05.2026 & 27.05.2026
12	Date of Sample Analysis	:	11.05.2026 & 28.05.2026
13	Date of Sample Analysis completion	:	11.05.2026 & 28.05.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	ULR-TC1723126000000430F

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	60.0
3	Stack Diameter (mtr)	2.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				08.05.2026	26.05.2026	
	Date of Sample Collected					
	Sample Code			1072	1293	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	178	175	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.35	6.29	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	19.94	22.21	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	341	361	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.148	0.132	1

Note: NS- Not Specified. RA: Reaffirmed, INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*

Reviewed & Authorized Signatory



*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA,  
Tel : 0836-2375678. Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com. shrikrishnaaqua@gmail.com

ANNEXURE-14A  
Format No: SKAEW/7.8/RF/C/01

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	2X100 TPD Sponge iron plant Kiln 1 & 2
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	09.05.2026 & 27.05.2026
12	Date of Sample Analysis	:	11.05.2026 & 28.05.2026
13	Date of Sample Analysis completion	:	11.05.2026 & 28.05.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	SKAEW/BMMIL/STACK /2026-27/430

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	60.0
3	Stack Diameter (mtr)	2.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				08.05.2026	26.05.2026	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	1072	1293	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	34	30	-
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	59.0	64.0	NS
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	70921	47303	-
				47784	71151	-

Note: NS- Not Specified, RA: Reaffirmed, INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

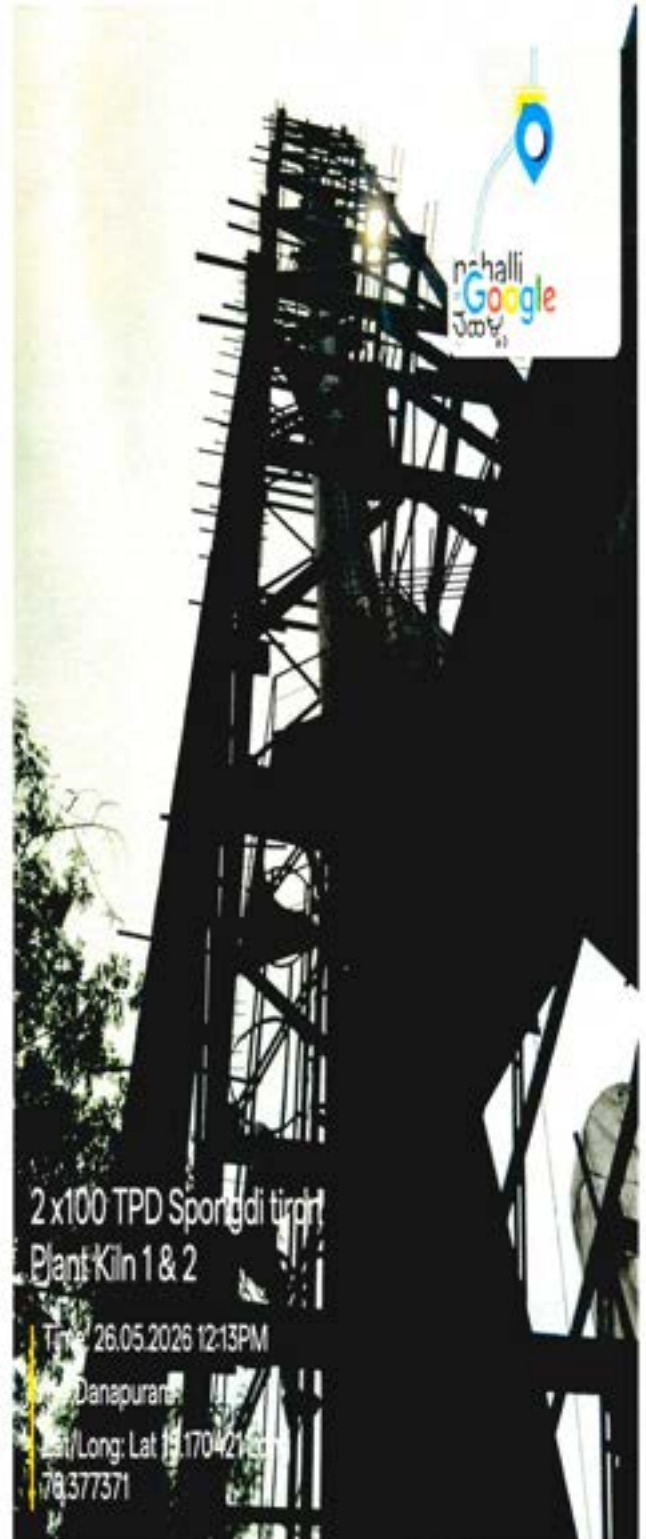
*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.

STACK EMISSION LOCATIONS  
2000 TPD Sponge iron plant Kiln 1 & 2





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-15  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MAY-2026 (1st Fort Night)-
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	02.06.2026
14	Report Number	:	-

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/N m <sup>3</sup>
<b>Induction Furnace 1 &amp; 2</b>										
1	Induction Furnace 1	Shutdown	-	Electric Power	-	-	30	1.2	-	150
2	Induction Furnace 2	Shutdown	-	Electric Power	-	-	30	1.3	-	150

Sl. No	Induction Furnace 1 & 2	Gas flow Discharge rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
1	Induction Furnace 1	-	-
2	Induction Furnace 2	-	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel - 0836-2375678, Mobile - +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-15A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	<b>MAY-2026 (1st Fort Night)</b>
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	<b>02.06.2026</b>
14	Report Number	:	-

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	Ta °C	Height (m)	Diameter (m)	Gas flow Discharge rate at NTP	KSPCB Std
<b>Induction Furnace 1 &amp; 2</b>									
1	Induction Furnace 1	Shutdown	-	Electric	-	30	1.2	-	-
2	Induction Furnace 2	Shutdown	-	Power	-	30	1.3	-	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-16  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler SI. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Rolling Mill Reheating furnace-
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	16.05.2026 & 23.05.2026
12	Date of Sample Analysis	:	17.05.2026 & 25.05.2026
13	Date of Sample Analysis completion	:	17.05.2026 & 25.05.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	ULR-TC1723126000000444F

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	30.0
3	Stack Diameter (mtr)	0.8

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				15.05.2026	22.05.2026	
	Date of Sample Collected			1140	1260	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	81	85	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.60	6.51	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	40.31	37.70	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	42	41.0	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.252	0.238	1

Note: NS- Not Specified. RA: Reaffirmed, INFERENCE:

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manger

#### Note:

- All results pertain to the sample received and tested only.
- Samples are retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA,  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-16A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District
2	Customer Reference	:	WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Rolling Mill Reheating furnace
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	16.05.2026 & 23.05.2026
12	Date of Sample Analysis	:	17.05.2026 & 25.05.2026
13	Date of Sample Analysis completion	:	17.05.2026 & 25.05.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	SKAEW/BMMIL/STACK /2026-27/444

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	30.0
3	Stack Diameter (mtr)	0.8

### Emission Details

SL. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				15.05.2026	22.05.2026	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	1140	1260	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	36	31	-
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	146	153	NS
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	21689	21807	-
				25898	26138	-

Note: NS- Not Specified, RA: Reaffirmed, INFERENCE:  
Shutdown

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R. M. Bengeri*

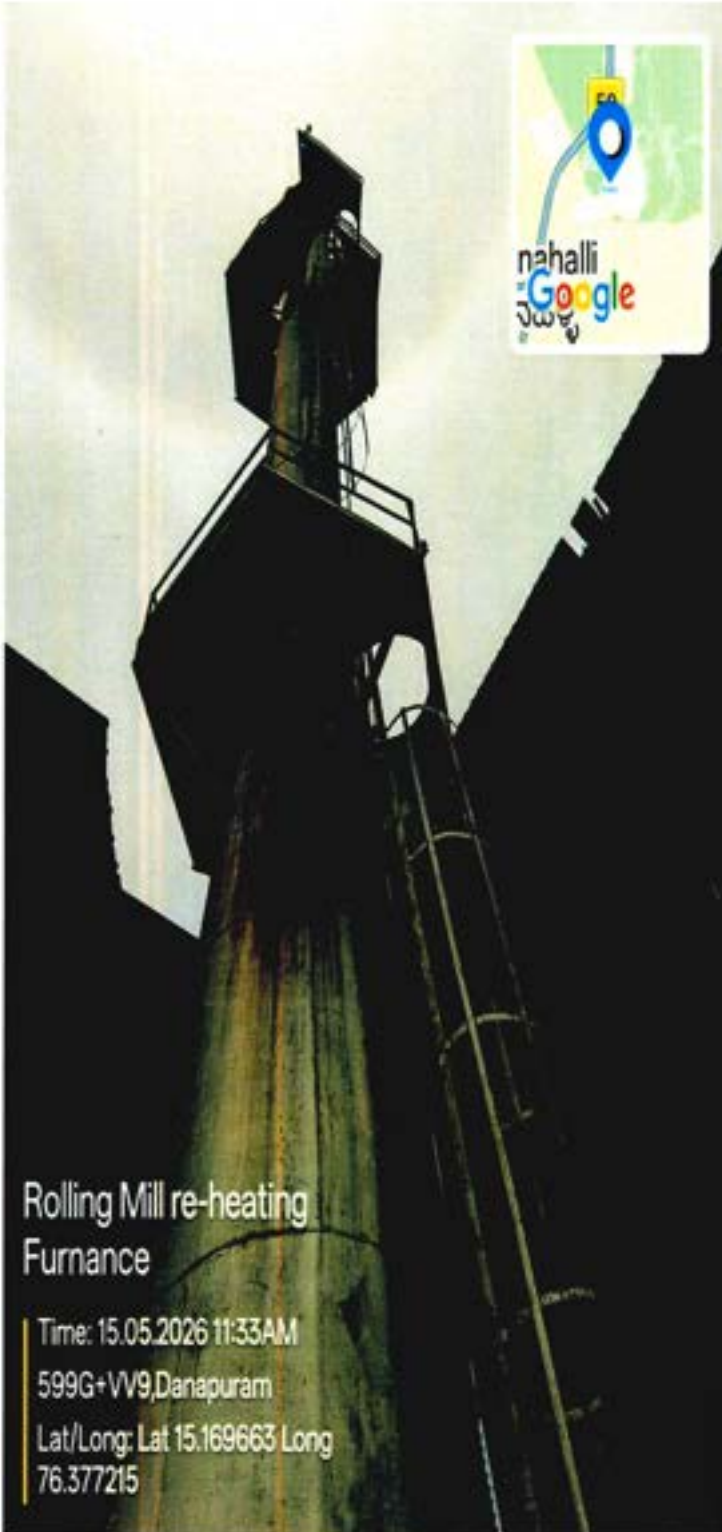
Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.

STACK EMISSION LOCATIONS

Rolling mill re-heating furnace





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-17

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District
2	Customer Reference	:	WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	AFBC Boiler ESP (25 MW Power Plant)-
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	02.06.2026
15	Report Number	:	-

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	65.0
3	Stack Diameter (mtr)	2.5

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				-	-	
	Date of Sample Collected			-	-	
	Sample Code			-	-	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C			-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec			-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	Shut down	Shut down	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>			NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%			1

Note: NS- Not Specified. RA: Reaffirmed.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manger

**Notes:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the Laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail : radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-17A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District
2	Customer Reference	:	WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	AFBC Boiler ESP (25 MW Power Plant)
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	02.06.2026
15	Report Number	:	-

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	65.0
3	Stack Diameter (mtr)	2.5

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
	Date of Sample Collected			-	-	
	Sample Code			-	-	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C			-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	SHUT DOWN	SHUT DOWN	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr			-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr			-

Note: NS- Not Specified, RA: Reaffirmed.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Notes:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 26018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-1B  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MAY-2026 (1st Fort Night)
10	Date of Sample Received	:	09.05.2026
11	Date of Sample Analysis	:	11.05.2026
12	Date of Sample Analysis completion	:	11.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	ULR-TC172312600000432F

SL No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant -I										
1	Iron Ore dump hopper	09.05.2026	1077	-	37	4.83	30	0.4	12.63	50
2	Iron Ore Screen bin	09.05.2026	1078	-	39	4.68	30	0.4	13.94	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
1	Iron Ore dump hopper	2187	-
2	Iron Ore Screen bin	2116	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA,  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-18A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MAY-2026 (1st Fort Night)
10	Date of Sample Received	: 09.05.2026
11	Date of Sample Analysis	: 11.05.2026
12	Date of Sample Analysis completion	: 11.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/432

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Chimneys attached to Bag Filter (De dusting Units)</b>						
<b>Beneficiation Plant -I</b>						
1	Iron Ore dump hopper	09.05.2026	1077	33	2096	-
2	Iron Ore Screen bin	09.05.2026	1078	35	2011	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Notes:**

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total RDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-19  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	<b>MAY-2026 (1st Fort Night)</b>
10	Date of Sample Received	:	13.05.2026
11	Date of Sample Analysis	:	14.05.2026
12	Date of Sample Analysis completion	:	14.05.2026
13	Report Issued Date	:	<b>02.06.2026</b>
14	Report Number	:	<b>ULR-TC1723126000000439F</b>

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
RMHS										
3	Screen, Coal Crusher (CPU)	12.05.2026	1110	-	42	5.22	35	1.5	37.28	50
4	Main Crusher	12.05.2026	1111	-	39	4.94	25	0.5	11.09	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	33193	-
4	Main Crusher	3494	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-19A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MAY-2026 (1st Fort Night)
10	Date of Sample Received	:	13.05.2026
11	Date of Sample Analysis	:	14.05.2026
12	Date of Sample Analysis completion	:	14.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	SKAEW/BMMIL/STACK /2026-27/439

Sl. No	RMHS	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
RMHS						
3	Screen, Coal Crusher (CPU)	12.05.2026	1110	34	31245	-
4	Main Crusher	12.05.2026	1111	35	3319	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Notes:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA,  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-20  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MAY-2026 (1st Fort Night)
10	Date of Sample Received	:	04.05.2026 & 05.05.2026
11	Date of Sample Analysis	:	06.05.2026 & 06.05.2026
12	Date of Sample Analysis completion	:	06.05.2026 & 06.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	ULR-TC172312600000407F

SL No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
<b>Chimneys attached to Bag Filter (De dusting Units)</b>										
<b>Pellet Plant -I</b>										
5	AGB Main Bag Filter	02.05.2026	992	-	38	4.72	6.5	0.50	26.54	50
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	02.05.2026	993	-	40	4.81	3.0	0.30	22.21	50
7	Bentonite Powder bin top bag filter	02.05.2026	994	-	41	5.06	3.0	0.30	19.39	50
8	H-4 Conveyor discharge bag filter	Shutdown	-	-	-	-	7.0	0.50	-	50
9	P-1 Bag Filter	04.05.2026	1007	-	42	5.03	7.0	0.50	31.78	50

SL No	Pellet Plant	Gas flow Discharge rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
5	AGB Main Bag Filter	3340	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	1223	-
7	Bentonite Powder bin top bag filter	1288	-
8	H-4 Conveyor discharge bag filter	-	-
9	P-1 Bag Filter	3584	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

\*\*End of the Report\*\*



Reviewed &amp; Authorized Signatory

*R.M. Bengeri*Mrs. Radha M Bengeri  
Technical Manger**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail : radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-20A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MAY-2026 (1st Fort Night)
10	Date of Sample Received	: 04.05.2026 & 05.05.2026
11	Date of Sample Analysis	: 06.05.2026 & 06.05.2026
12	Date of Sample Analysis completion	: 06.05.2026 & 06.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/407

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Chimneys attached to Bag Filter (De dusting Units)</b>						
<b>Pellet Plant -I</b>						
5	AGB Main Bag Filter	02.05.2026	992	34	3340	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	02.05.2026	993	36	1223	-
7	Bentonite Powder bin top bag filter	02.05.2026	994	37	1288	-
8	H-4 Conveyor discharge bag filter	Shutdown	-	-	-	-
9	P-1 Bag Filter	04.05.2026	1007	34	3584	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-21  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MAY-2026 (1st Fort Night)
10	Date of Sample Received	: 14.05.2026
11	Date of Sample Analysis	: 15.05.2026
12	Date of Sample Analysis completion	: 15.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000441F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
2 X 100 TPD Sponge Iron Kiln 1 & 2										
10	Cooler-1 Discharge & Blending Chute	13.05.2026	1121	---	37	4.95	30	1.20	29.61	50
11	Cooler-2 Discharge	13.05.2026	1122	---	39	4.91	30	1.20	30.36	50
12	Intermediate Bin & Blending	13.05.2026	1123	---	41	4.60	30	1.20	27.36	50
13	Product House	13.05.2026	1124	---	42	4.81	30	1.20	33.81	50

Sl. No	2 X 100 TPD Sponge Iron Kiln 1 & 2	Gas flow Discharge rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
10	Cooler-1 Discharge & Blending Chute	19316	-
11	Cooler-2 Discharge	19030	-
12	Intermediate Bin & Blending	17671	-
13	Product House	18394	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***

Reviewed &amp; Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manger**Notes:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BSL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-21A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MAY-2026 (1st Fort Night)
10	Date of Sample Received	: 14.05.2026
11	Date of Sample Analysis	: 15.05.2026
12	Date of Sample Analysis completion	: 15.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/441

Sl. No	2 X 100 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 100 TPD Sponge Iron Kiln 1 & 2						
10	Cooler-1 Discharge & Blending Chute	13.05.2026	1121	34	20149	-
11	Cooler-2 Discharge	13.05.2026	1122	35	19989	-
12	Intermediate Bin & Blending	13.05.2026	1123	37	18748	-
13	Product House	13.05.2026	1124	38	19591	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-22

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MAY-2026 (2 <sup>nd</sup> Fort Night)
10	Date of Sample Received	: 20.05.2026
11	Date of Sample Analysis	: 21.05.2026
12	Date of Sample Analysis completion	: 21.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC172312600000451F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Induction Furnance 1 & 2										
1	Induction Furnance 1	19.05.2026	1172	Electric	38	4.78	30	1.2	5.74	50
2	Induction Furnance 2	19.05.2026	1173	Power	40	5.07	30	1.3	10.97	50

Sl. No	Induction Furnance 1 & 2	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
1	Induction Furnance 1	18531	-
2	Induction Furnance 2	22909	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

### Note:

- All results pertain to the sample received and tested only.
- Samples are retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-22A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MAY-2026 (2 <sup>nd</sup> Fort Night)
10	Date of Sample Received	: 20.05.2026
11	Date of Sample Analysis	: 21.05.2026
12	Date of Sample Analysis completion	: 21.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/451

Sl. No	Induction Furnace 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Induction Furnace 1 &amp; 2</b>						
1	Induction Furnace 1	19.05.2026	1172	32	19447	-
2	Induction Furnace 2	19.05.2026	1173	33	24211	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA,  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-23

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

- |    |                                    |   |  |
|----|------------------------------------|---|--|
| 1  | Name of the Industry               | : | BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  |
| 2  | Customer Reference                 | : | WORKORDER NO., 4500004504 Dated 09.01.2026                       |
| 3  | Sample collected by                | : | Shri Krishna Aqua Engineering Works                              |
| 4  | Particulars of sample collected    | : | Stack Sampler<br>SL No: PT-25/2019                               |
| 5  | Instrument Details                 | : | Calibration Date: 15.09.2025<br>Calibration Due Date: 14.09.2026 |
| 6  | Discipline                         | : | Chemical   |
| 7  | Group                              | : | Atmospheric Pollution  |
| 8  | Sample Type                        | : | Stack Monitoring   |
| 9  | Month of Sampling                  | : | MAY-2026 (2nd Fort Night)  |
| 10 | Date of Sample Received            | : | 27.05.2026   |
| 11 | Date of Sample Analysis            | : | 28.05.2026   |
| 12 | Date of Sample Analysis completion | : | 28.05.2026   |
| 13 | Report Issued Date                 | : | 02.06.2026   |
| 14 | Report Number                      | : | ULR-TC1723126000000499F  |

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant										
1	Iron Ore dump hopper	26.05.2026	1294	---	34	4.98	30	0.4	15.92	50
2	Iron Ore Screen bin	26.05.2026	1295	---	36	4.83	30	0.4	14.73	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
1	Iron Ore dump hopper	2252	-
2	Iron Ore Screen bin	2185	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-23A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MAY-2026 (2nd Fort Night)
10	Date of Sample Received	: 27.05.2026
11	Date of Sample Analysis	: 28.05.2026
12	Date of Sample Analysis completion	: 28.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/499

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Chimneys attached to Bag Filter (De dusting Units)</b>						
<b>Beneficiation Plant</b>						
1	Iron Ore dump hopper	26.05.2026	1294	30	2183	-
2	Iron Ore Screen bin	26.05.2026	1295	32	2098	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Forfeited by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-24

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MAY-2026 (2nd Fort Night)
10	Date of Sample Received	:	26.05.2026
11	Date of Sample Analysis	:	27.05.2026
12	Date of Sample Analysis completion	:	27.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	ULR-TC172312600000496F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
RMHS										
3	Screen, Coal Crusher (CPU)	25.05.2026	1278	-	38	5.14	30	1.50	32.70	50
4	Main Crusher	25.05.2026	1279	-	37	4.57	25	0.50	9.15	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	32720	-
4	Main Crusher	3230	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDS - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel: 0836-2375678, Mobile: +91 94480 51534, +91 94800 28018,  
E-mail: radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-24A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MAY-2026 (2nd Fort Night)
10	Date of Sample Received	: 26.05.2026
11	Date of Sample Analysis	: 27.05.2026
12	Date of Sample Analysis completion	: 27.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/496

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
RMHS						
3	Screen, Coal Crusher (CPU)	25.05.2026	1278	34	31195	
4	Main Crusher	25.05.2026	1279	34	3092	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel : 0835-2375678, Mobile : +91 94480 51534, +91 94800 26018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-25  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	<b>MAY-2026 (2nd Fort Night)</b>
10	Date of Sample Received	:	19.05.2026 & 20.05.2026
11	Date of Sample Analysis	:	20.05.2026 & 21.05.2026
12	Date of Sample Analysis completion	:	20.05.2026 & 21.05.2026
13	Report Issued Date	:	<b>02.06.2026</b>
14	Report Number	:	<b>ULR-TC1723126000000450F</b>

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
<b>Chimneys attached to Bag Filter (De dusting Units)</b>										
<b>Pellet Plant-I</b>										
5	AGB Main Bag Filter	18.05.2026	1160	---	34	4.91	6.5	0.50	23.21	50
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	18.05.2026	1161	---	35	4.96	3.0	0.30	18.13	50
7	Bentonite Powder bin top bag filter	18.05.2026	1162	---	36	4.90	3.0	0.30	21.74	50
8	H-4 Conveyor discharge bag filter	SHUTDOWN	-	---	-	-	7.0	0.50	-	50
9	P-1 Bag Filter	19.05.2026	1174	---	31	4.69	7.0	0.50	33.15	50

Sl. No	Pellet Plant	Gas flow Discharge rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
5	AGB Main Bag Filter	3471	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	1262	-
7	Bentonite Powder bin top bag filter	1246	-
8	H-4 Conveyor discharge bag filter	-	-
9	P-1 Bag Filter	3314	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-25A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: <b>MAY-2026 (2nd Fort Night)</b>
10	Date of Sample Received	: 19.05.2026 & 20.05.2026
11	Date of Sample Analysis	: 20.05.2026 & 21.05.2026
12	Date of Sample Analysis completion	: 20.05.2026 & 21.05.2026
13	Report Issued Date	: <b>02.06.2026</b>
14	Report Number	: <b>SKAEW/BMMIL/STACK /2026-27/450</b>

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Chimneys attached to Bag Filter (De dusting Units)</b>						
<b>Pellet Plant-I</b>						
5	AGB Main Bag Filter	18.05.2026	1160	34	3322	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	18.05.2026	1161	35	1198	-
7	Bentonite Powder bin top bag filter	18.05.2026	1162	36	1178	-
8	H-4 Conveyor discharge bag filter	SHUTDOWN	-	-	-	-
9	P-1 Bag Filter	19.05.2026	1174	31	3175	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

1. All results pertain to the sample received and tested only.
2. Samples are retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total RDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-26

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MAY-2026 (2nd Fort Night)
10	Date of Sample Received	:	28.05.2026 & 29.05.2026
11	Date of Sample Analysis	:	29.05.2026 & 30.05.2026
12	Date of Sample Analysis completion	:	29.05.2026 & 30.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	ULR-TC1723126000000501F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/N m <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
<b>Chimneys attached to Bag Filter (De dusting Units)</b>										
<b>2 X 100 TPD Sponge Iron Kiln 1 &amp; 2</b>										
10	Cooler-1 Discharge & Blending Chute	27.05.2026	1304	---	33	4.72	30	1.20	27.42	50
11	Cooler-2 Discharge	27.05.2026	1305	---	34	5.10	30	1.20	29.47	50
12	Intermediate Bin & Blending	28.05.2026	1306	---	33	4.64	30	1.20	25.02	50
13	Product House	28.05.2026	1316	---	34	5.00	30	1.20	30.38	50

Sl. No	2 X 100 TPD Sponge Iron Kiln 1 & 2	Gas flow Discharge rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
10	Cooler-1 Discharge & Blending Chute	19238	-
11	Cooler-2 Discharge	20782	-
12	Intermediate Bin & Blending	18903	-
13	Product House	20367	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA: 2018)

**\*\*End of the Report\*\***

Reviewed & Authorized Signatory



*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-26A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MAY-2026 (2nd Fort Night)
10	Date of Sample Received	: 28.05.2026 & 29.05.2026
11	Date of Sample Analysis	: 29.05.2026 & 30.05.2026
12	Date of Sample Analysis completion	: 29.05.2026 & 30.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/501

Sl. No	2 X 100 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
10	Cooler-1 Discharge & Blending Chute	27.05.2026	1304	33	18500	-
11	Cooler-2 Discharge	27.05.2026	1305	34	19805	-
12	Intermediate Bin & Blending	28.05.2026	1306	33	18114	-
13	Product House	28.05.2026	1316	34	19441	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-27  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-2 ESP
10	Month of Sampling	: MAY-2026
11	Date of Sample Received	: 05.05.2026
12	Date of Sample Analysis	: 06.05.2026
13	Date Sample Analysis Completion	: 06.05.2026
14	Report Issued Date	: 02.06.2026
15	Report Number	: ULR-TC1723126000000416F

### Stack Details (\*)

1	Fuel Used	Coal
2	Stack Height (mtr)	100
3	Stack Diameter (mtr)	4.4

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night		
				04.05.2026		
	Date of Sample Collected					
	Sample Code			1013		
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	62		-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.74		-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	35.13		50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	151.0		NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.031		1%

Note: NS- Not Specified. RA: Reaffirmed. INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-27A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-2 ESP
10	Month of Sampling	: MAY-2026
11	Date of Sample Received	: 05.05.2026
12	Date of Sample Analysis	: 06.05.2026
13	Date Sample Analysis Completion	: 06.05.2026
14	Report Issued Date	: 02.06.2026
15	Report Number	: SKAEW/BMMIL/STACK /2026-27/416

### Stack Details (\*)

1	Fuel Used	Coal
2	Stack Height (mtr)	100
3	Stack Diameter (mtr)	4.4

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night		
				04.05.2026		
				1013		
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	34.0	-	
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	18.0	NS	
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	279119	-	
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	314229	-	

Note: NS- Not Specified, RA: Reaffirmed, INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Provided by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-27/1  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-2 ESP
10	Month of Sampling	: MAY-2026
11	Date of Sample Received	: 18.05.2026
12	Date of Sample Analysis	: 19.05.2026
13	Date Sample Analysis Completion	: 19.05.2026
14	Report Issued Date	: 02.06.2026
15	Report Number	: ULR-TC1723126000000446F

### Stack Details (\*)

1	Fuel Used	Coal
2	Stack Height (mtr)	100
3	Stack Diameter (mtr)	4.4

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				2 <sup>nd</sup> Fort Night		
				16.05.2026		
	Date of Sample Collected					
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	64.0		-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.63		-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	33.64		50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	167.0		NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.04		1%

Note: NS- Not Specified, RA: Reaffirmed, INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-27/1  
Format No: SKAEW/7.B/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-2 ESP
10	Month of Sampling	: MAY-2026
11	Date of Sample Received	: 18.05.2026
12	Date of Sample Analysis	: 19.05.2026
13	Date Sample Analysis Completion	: 19.05.2026
14	Report Issued Date	: 02.06.2026
15	Report Number	: SKAEW/BMMIL/STACK /2026-27/446

### Stack Details (\*)

1	Fuel Used	Coal
2	Stack Height (mtr)	100
3	Stack Diameter (mtr)	4.4

### Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
				2 <sup>nd</sup> Fort Night	
				16.05.2026	
	Date of Sample Collected			1144	
	Sample Code				
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	35.0	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	79.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	271701	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	308029	-

Note: NS- Not Specified, RA: Reaffirmed, INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

STACK EMISSION LOCATIONS

Pellet Plant-2 ESP





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-28

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler SL No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	SID Axis 3&4
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	06.05.2026 & 20.05.2026
12	Date of Sample Analysis	:	07.05.2026 & 21.05.2026
13	Date Sample Analysis Completion	:	07.05.2026 & 21.05.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	ULR-TC1723126000000418F

### Stack Details (\*)

1	Fuel Used	Coal
2	Stack Height (mtr)	70.0
3	Stack Diameter (mtr)	3.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				05.05.2025	19.05.2026	
	Date of Sample Collected			1027	1177	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	129	127	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.40	6.19	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	32.17	31.50	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	612	596	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.070	0.084	1%

Note: NS- Not Specified, RA: Reaffirmed. INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Field Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail : radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-28A

Format No: SKAEW/7.B/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler SL No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: <b>SID Axis 3&amp;4</b>
10	Month of Sampling	: <b>MAY-2026</b>
11	Date of Sample Received	: 06.05.2026 & 20.05.2026
12	Date of Sample Analysis	: 07.05.2026 & 21.05.2026
13	Date Sample Analysis Completion	: 07.05.2026 & 21.05.2026
14	Report Issued Date	: <b>02.06.2026</b>
15	Report Number	: <b>SKAEW/BMMIL/STACK /2026-27/418</b>

### Stack Details (\*)

1	Fuel Used	Coal
2	Stack Height (mtr)	70.0
3	Stack Diameter (mtr)	3.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				05.05.2026	19.05.2026	
	Date of Sample Collected			1027	1177	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	33	31	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	91.0	88.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	120608	117661	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	162935	159660	-

Note: NS- Not Specified. RA: Reaffirmed. INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 Days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

STACK EMISSION LOCATIONS

SID Axis 3&4





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-29  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	SID Axis 5&6
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	07.05.2026 & 21.05.2026
12	Date of Sample Analysis	:	08.05.2026 & 22.05.2026
13	Date Sample Analysis Completion	:	08.05.2026 & 22.05.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	ULR-TC1723126000000425F

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	70.0
3	Stack Diameter (mtr)	3.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				06.05.2026	20.05.2026	
	Date of Sample Collected			1042	1189	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	131	132	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.73	6.45	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	34.25	35.71	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	678	695	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.213	0.248	1%

Note: NS- Not Specified. RA: Reaffirmed. INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDG - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-29A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: <b>SID Axis 5&amp;6</b>
10	Month of Sampling	: <b>MAY-2026</b>
11	Date of Sample Received	: 07.05.2026 & 21.05.2026
12	Date of Sample Analysis	: 08.05.2026 & 22.05.2026
13	Date Sample Analysis Completion	: 08.05.2026 & 22.05.2026
14	Report Issued Date	: <b>02.06.2026</b>
15	Report Number	: <b>KAEW/BMMIL/STACK /2026-27/425</b>

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	70.0
3	Stack Diameter (mtr)	3.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				06.05.2026	20.05.2026	
	Date of Sample Collected			1042	1189	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	35	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	81	94	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	126004	120367	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	171230	164040	-

Note: NS- Not Specified, RA: Reaffirmed. INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

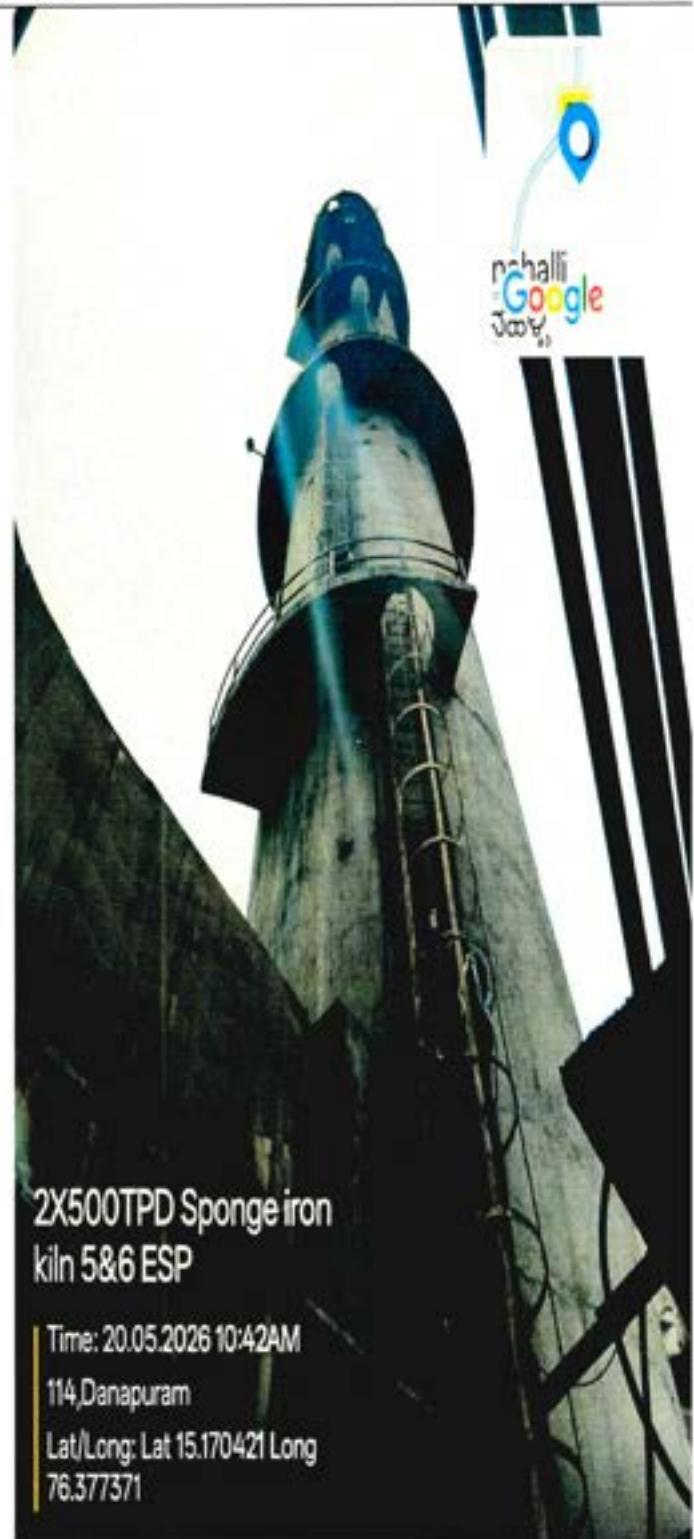
Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

STACK EMISSION LOCATIONS

SID Axis 5&6





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-30  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	1X70 MW-CFBC Boiler ESP
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	26.05.2026
12	Date of Sample Analysis	:	27.05.2026
13	Date Sample Analysis Completion	:	27.05.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	ULR-TC1723126000000497F

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	70.0
3	Stack Diameter (mtr)	3.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				25.05.2026		
	Date of Sample Collected			1282		
	Sample Code			117		-
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	Shutdown	5.85	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec		29.37	50
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>		17.0	600
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>		0.044	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%			

Note: NS- Not Specified. RA: Reaffirmed. INFERENCE:



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-30A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler SL No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	1X70 MW-CFBC Boiler ESP
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	26.05.2026
12	Date of Sample Analysis	:	27.05.2026
13	Date Sample Analysis Completion	:	27.05.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	KAEW/BMMIL/STACK /2026-27/497

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	70.0
3	Stack Diameter (mtr)	3.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
	Date of Sample Collected				25.05.2026	
	Sample Code				1282	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	Shutdown	32	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>		455	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr		901780	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr		1210124	-

Note: NS- Not Specified. RA: Reaffirmed. INFERENCE: The Measured Values are within the limits.

Note: NS- Not Specified. RA: Reaffirmed. INFERENCE:



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 35 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

STACK EMISSION LOCATIONS

1X70 MW CFBC Boiler ESP





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-31  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: 2X70 MW CFBC Boiler ESP
10	Month of Sampling	: MAY-2026
11	Date of Sample Received	: 08.05.2026 & 22.05.2026
12	Date of Sample Analysis	: 09.05.2026 & 23.05.2026
13	Date Sample Analysis Completion	: 09.05.2026 & 23.05.2026
14	Report Issued Date	: 02.06.2026
15	Report Number	: ULR-TC1723126000000427F

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	110.0
3	Stack Diameter (mtr)	8.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				07.05.2026	21.05.2026	
	Date of Sample Collected			1058	1200	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	124	126	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.52	6.69	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	34.95	34.02	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	39.0	41.0	600
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.058	0.061	N5

Note: NS- Not Specified, RA: Reaffirmed INFERENCE: The Measured Values are within the limits

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-31A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	2X70 MW CFBC Boiler ESP
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	08.05.2026 & 22.05.2026
12	Date of Sample Analysis	:	09.05.2026 & 23.05.2026
13	Date Sample Analysis Completion	:	09.05.2026 & 23.05.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	KAEW/BMMIL/STACK /2026-27/427

### Stack Details

1	Fuel Used	Coal
2	Stack Height (mtr)	110.0
3	Stack Diameter (mtr)	8.00

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				07.05.2026	21.05.2026	
	Date of Sample Collected					
	Sample Code			1058	1200	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	33	33	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	249	261	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	884156	1229049	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	1179593	916487	-

Note: NS- Not Specified, RA: Reaffirmed INFERENCE: The Measured Values are within the limits

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

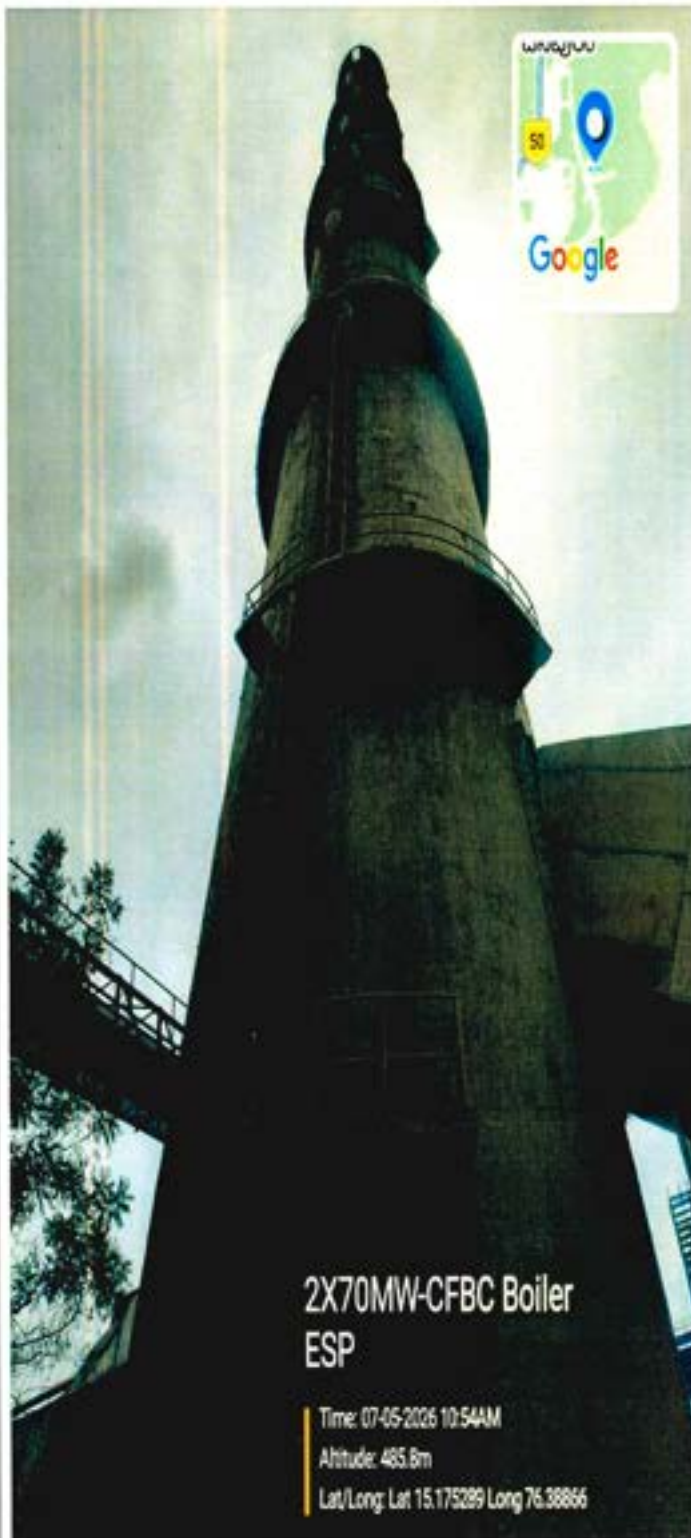
*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

STACK EMISSION LOCATIONS  
2X70 MW CFBC Boiler ESP





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-32  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: SMS
10	Month of Sampling	: MAY-2026
11	Date of Sample Received	: 09.05.2026 & 28.05.2026
12	Date of Sample Analysis	: 11.05.2026 & 29.05.2026
13	Date Sample Analysis Completion	: 11.05.2026 & 29.05.2026
14	Report Issued Date	: 02.06.2026
15	Report Number	: ULR-TC1723126000000435F

### Stack Details

1	Fuel Used	-
2	Stack Height (mtr)	86
3	Stack Diameter (mtr)	2.4

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>ST</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				09.05.2026	27.05.2026	
	Date of Sample Collected					
	Sample Code			1082	1306	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	82	79	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.36	6.47	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	42.18	45.42	50

Note: NS- Not Specified. RA: Reaffirmed INFERENCE: The Measured Values are within the limits

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-32A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: SMS
10	Month of Sampling	: MAY-2026
11	Date of Sample Received	: 09.05.2026 & 28.05.2026
12	Date of Sample Analysis	: 11.05.2026 & 29.05.2026
13	Date Sample Analysis Completion	: 11.05.2026 & 29.05.2026
14	Report Issued Date	: 02.06.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/435

### Stack Details

1	Fuel Used	-
2	Stack Height (mtr)	86
3	Stack Diameter (mtr)	2.4

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				09.05.2026	27.05.2026	
	Date of Sample Collected			1082	1306	
	Sample Code					
4	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	33	30	-
5	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	86723	88877	-
6	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	103570	105426	-

Note: NS- Not Specified, RA: Reaffirmed INFERENCE: The Measured Values are within the limits

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

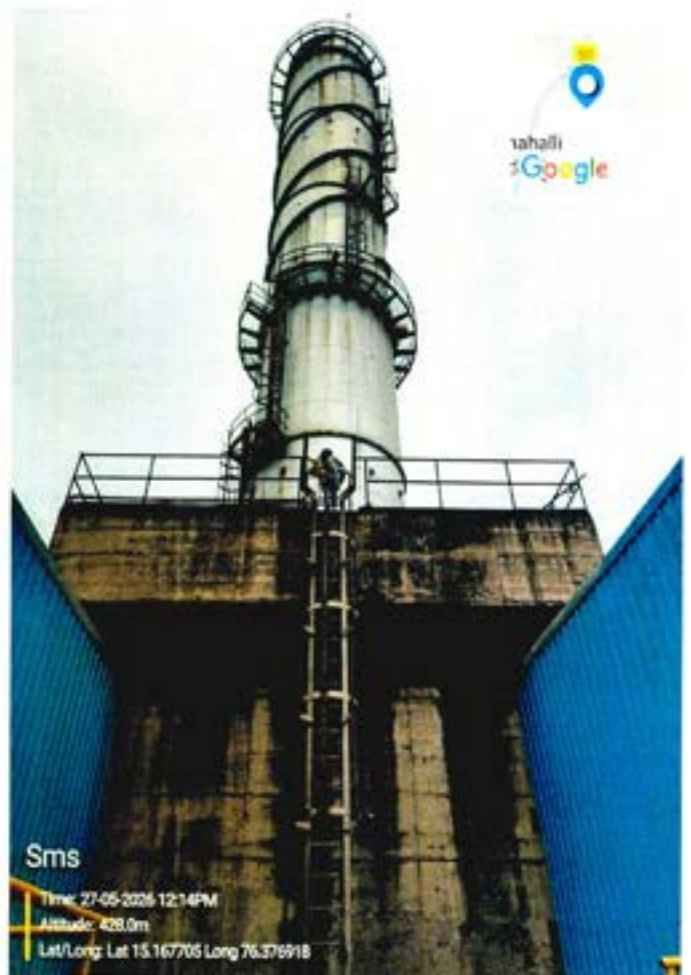
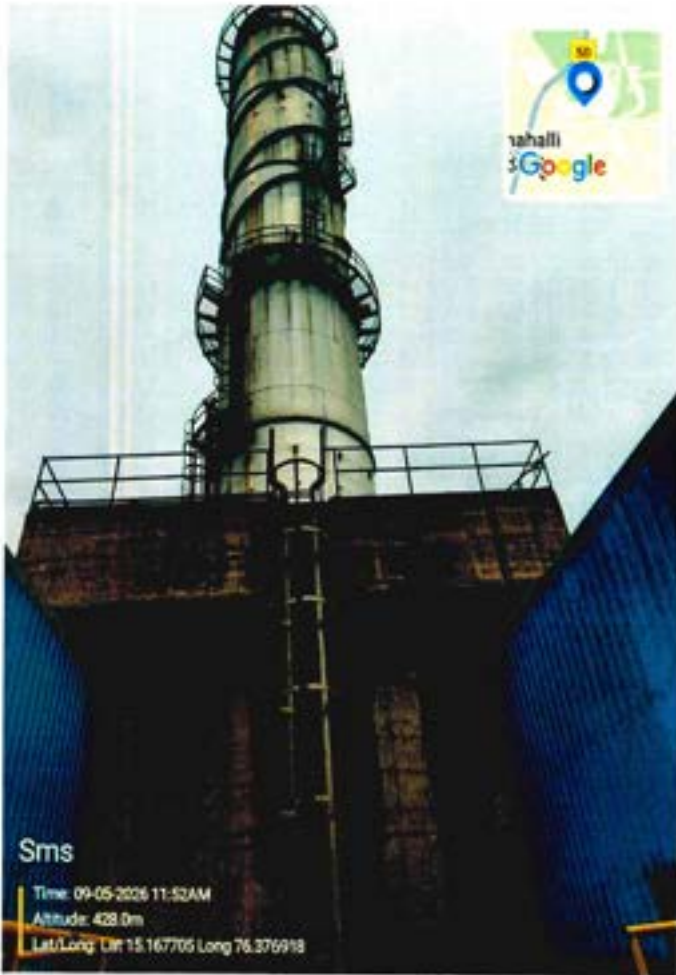
Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total EDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

# STACK EMISSION LOCATIONS

## SMS





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-33  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: <b>Barmill</b>
10	Month of Sampling	: <b>MAY-2026</b>
11	Date of Sample Received	: 12.05.2026 & 29.05.2026
12	Date of Sample Analysis	: 13.05.2026 & 30.05.2026
13	Date Sample Analysis Completion	: 13.05.2026 & 30.05.2026
14	Report Issued Date	: <b>02.06.2026</b>
15	Report Number	: <b>ULR-TC1723126000000437F</b>

### Stack Details

1	Fuel Used	-
2	Stack Height (mtr)	87
3	Stack Diameter (mtr)	3.0

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>ST</sup> Fort Night	2nd Fort Night	
				11.05.2026	28.05.2026	
	Date of Sample Collected					
	Sample Code			1089	1317	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	121	123	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.84	6.96	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	11.07	12.95	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	34.0	46.0	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.481	0.474	<1%

Note: NS- Not Specified. RA: Reaffirmed INFERENCE: The Measured Values are within the limits

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-33A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Barmill
10	Month of Sampling	: MAY-2026
11	Date of Sample Received	: 12.05.2026 & 29.05.2026
12	Date of Sample Analysis	: 13.05.2026 & 30.05.2026
13	Date Sample Analysis Completion	: 13.05.2026 & 30.05.2026
14	Report Issued Date	: 02.06.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/437

### Stack Details

1	Fuel Used	-
2	Stack Height (mtr)	87
3	Stack Diameter (mtr)	3.0

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				11.05.2026	28.05.2026	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	34	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	219	186	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	131403	133304	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	174147	177056	-

Note: NS- Not Specified. RA: Reaffirmed INFERENCE: The Measured Values are within the limits

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

STACK EMISSION LOCATIONS

Bar mill





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-34  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler SL No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Blast Furnance -Stove Waste Gas
10	Month of Sampling	: MAY-2026
11	Date of Sample Received	: 15.05.2026 & 30.05.2026
12	Date of Sample Analysis	: 16.05.2026 & 01.06.2026
13	Date Sample Analysis Completion	: 16.05.2026 & 01.06.2026
14	Report Issued Date	: 02.06.2026
15	Report Number	: ULR-TC1723126000000442F

### Stack Details

1	Fuel Used	-
2	Stack Height (mtr)	80
3	Stack Diameter (mtr)	2.4

### Emission Details

Sl. No	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				14.05.2026	29.05.2026	
	Date of Sample Collected			1132	1323	
	Sample Code			172	168	-
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	7.27	7.40	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	9.51	11.51	30.0
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm <sup>3</sup>	86.0	72.0	200
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm <sup>3</sup>	0.346	0.272	<1%
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%			

Note: NS- Not Specified, RA: Reaffirmed **INFERENCE:** The Measured Values are within the limits

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-34A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Blast Furnance -Stove Waste Gas
10	Month of Sampling	:	MAY-2026
11	Date of Sample Received	:	15.05.2026 & 30.05.2026
12	Date of Sample Analysis	:	16.05.2026 & 01.06.2026
13	Date Sample Analysis Completion	:	16.05.2026 & 01.06.2026
14	Report Issued Date	:	02.06.2026
15	Report Number	:	KAEW/BMMIL/STACK /2026-27/442

### Stack Details

1	Fuel Used	-
2	Stack Height (mtr)	80
3	Stack Diameter (mtr)	2.4

### Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 <sup>st</sup> Fort Night	2 <sup>nd</sup> Fort Night	
				14.05.2026	29.05.2026	
	Date of Sample Collected			1132	1323	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	34	33	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm <sup>3</sup>	22.0	22.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm <sup>3</sup> /hr	79106	81362	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m <sup>3</sup> /hr	118471	120468	-

Note: NS- Not Specified, RA: Reaffirmed INFERENCE: The Measured Values are within the limits

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

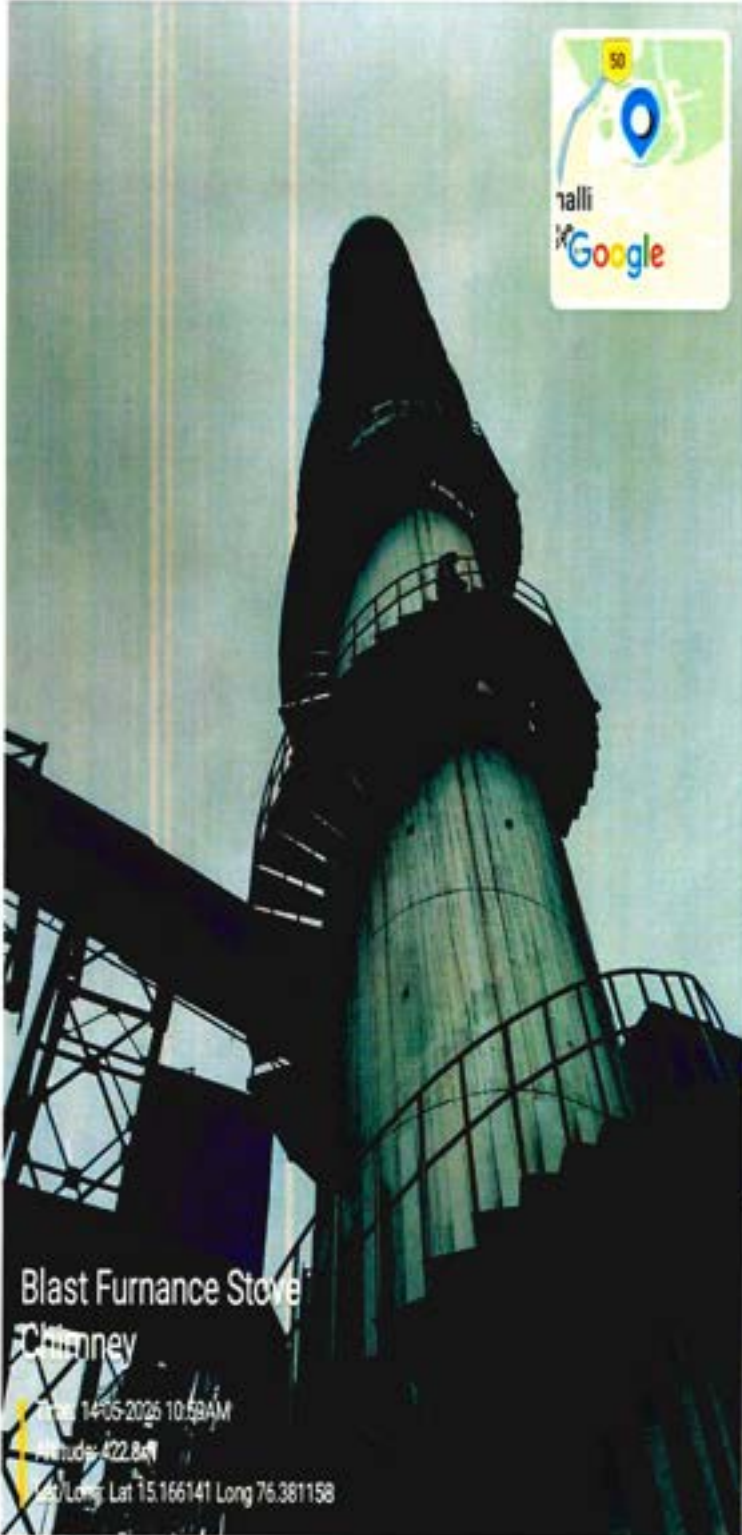
*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

STACK EMISSION LOCATIONS  
Blast Furnace - Stove Waste Gas





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-35  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 <sup>st</sup> Fort Night)
9	Month of Sampling	: <b>MAY-2026</b>
10	Date of Sample Received	: 11.05.2026
11	Date of Sample Analysis	: 12.05.2026
12	Date Sample Analysis Completion	: 12.05.2026
13	Report Issued Date	: <b>02.06.2026</b>
14	Report Number	: <b>ULR-TC1723126000000436F</b>

### RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
<b>Chimneys attached to Bag Filter (De dusting Units)</b>										
<b>Beneficiation Plant-2</b>										
1	Iron Ore Cone Crusher	SHUTDOWN	-	---	-	-	30	1.20	-	50
2	Iron Ore Screening	09.05.2026	1083	---	40	5.08	30	0.90	16.40	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
1	Iron Ore Cone Crusher	-	-
2	Iron Ore Screening	11632	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

**INFERENCE:** The Measured Values are within the limits

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-35A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 <sup>st</sup> Fort Night)
9	Month of Sampling	: <b>MAY-2026</b>
10	Date of Sample Received	: 11.05.2026
11	Date of Sample Analysis	: 12.05.2026
12	Date Sample Analysis Completion	: 12.05.2026
13	Report Issued Date	: <b>02.06.2026</b>
14	Report Number	: <b>KAEW/BMMIL/STACK /2026-27/436</b>

## RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Beneficiation Plant-2						
1	Iron Ore Cone Crusher	SHUTDOWN	-	-	-	-
2	Iron Ore Screening	09.04.2026	1083	36	11014	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-36

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 <sup>st</sup> Fort Night)
9	Month of Sampling	: <b>MAY-2026</b>
10	Date of Sample Received	: 05.05.2026
11	Date of Sample Analysis	: 06.05.2026
12	Date Sample Analysis Completion	: 06.05.2026
13	Report Issued Date	: <b>02.06.2026</b>
14	Report Number	: <b>ULR-TC1723126000000415F</b>

### RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-II										
3	AGB main bag Filter	04.05.2026	1011	---	40	4.88	6.5	0.5	24.44	50
4	Lime & Bentonite Powder bin top bag filter	04.05.2026	1012	---	41	5.07	6.5	0.5	21.42	50
5	AGB De dusting Bag Filter	SHUTDOWN	-	---	-	-	6	0.6	-	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
3	AGB main bag Filter	3447	-
4	Lime & Bentonite Powder bin top bag filter	3585	-
5	AGB De dusting Bag Filter	-	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The measured values are within the limits  
\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note

- All results pertain to the sample received and tested only.
- Samples are Retained for 15-days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the Laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-36A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1 <sup>st</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 05.05.2026
11	Date of Sample Analysis	: 06.05.2026
12	Date Sample Analysis Completion	: 06.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/415

## RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant-II						
3	AGB main bag Filter	04.05.2026	1011	36	3268	
4	Lime & Bentonite Powder bin top bag filter	04.05.2026	1012	37	3385	-
5	AGB De dusting Bag Filter	SHUTDOWN	-	-	-	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The measured values are within the limits

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-37

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 <sup>st</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 06.05.2026
11	Date of Sample Analysis	: 07.05.2026
12	Date Sample Analysis Completion	: 07.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000419F

## RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-II										
6	Powder Coal main bag filter	SHUTDOWN	-	---	-	-	6	0.6	-	50
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	---	-	-	6	0.3	-	50
8	Pellet discharge bin bag filter	05.05.2026	1028	---	42	5.00	20	0.5	33.23	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
6	Powder Coal main bag filter	-	-
7	RP-6 Conveyor bag Filter	-	-
8	Pellet discharge bin bag filter	3536	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The measured values are within the limits  
\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total MDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-37A  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 <sup>st</sup> Fort Night)
9	Month of Sampling	: <b>MAY-2026</b>
10	Date of Sample Received	: 06.05.2026
11	Date of Sample Analysis	: 07.05.2026
12	Date Sample Analysis Completion	: 07.05.2026
13	Report Issued Date	: <b>02.06.2026</b>
14	Report Number	: <b>KAEW/BMMIL/STACK /2026-27/419</b>

## RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Chimneys attached to Bag Filter (De dusting Units)</b>						
<b>Pellet Plant-II</b>						
6	Powder Coal main bag filter	SHUTDOWN	-	-	-	-
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	-	-	-
8	Pellet discharge bin bag filter	05.05.2026	1028	34	3337	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The measured values are within the limits  
\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detective Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-38

Format No: SKAEW/7.B/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 <sup>st</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 06.05.2026 & 07.05.2026
11	Date of Sample Analysis	: 07.05.2026 & 08.05.2026
12	Date Sample Analysis Completion	: 07.05.2026 & 08.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000420F

## RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 3& 4										
9	Cooler Discharge -1	05.05.2026	1029	---	40	5.17	30	1.20	26.69	50
10	Cooler Discharge -2	05.05.2026	1030	--	41	4.95	30	1.20	29.08	50
11	Coal stock house	06.05.2026	1043	---	37	4.86	30	1.20	12.37	50
12	PSB 1 Systems-1	06.05.2026	1044	---	41	4.97	30	1.20	36.00	50
13	PSB 1 System-2	06.05.2026	1045	---	42	5.18	30	1.20	34.48	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
9	Cooler Discharge -1	21071	-
10	Cooler Discharge -2	20140	-
11	Coal stock house	19803	-
12	PSB 1 System-1	20247	-
13	PSB 1 System-2	21085	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total MDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-38A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 <sup>st</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 06.05.2026 & 07.05.2026
11	Date of Sample Analysis	: 07.05.2026 & 08.05.2026
12	Date Sample Analysis Completion	: 07.05.2026 & 08.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/420

## RESULTS

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 1 & 2						
9	Cooler Discharge -1	05.05.2026	1029	36	19953	-
10	Cooler Discharge -2	05.05.2026	1030	37	18995	-
11	Coal stock house	06.05.2026	1043	34	18976	-
12	PSB 1 System-1	06.05.2026	1044	36	19117	-
13	PSB 1 System-2	06.05.2026	1045	37	19834	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel. : 0836-2375678, Mobile +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

**ANNEXURE-39**

Format No: SKAEW/7.8/RF/C/04

**Analysis Report of Stack Emission**

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 <sup>st</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 08.05.2026 & 09.05.2026
11	Date of Sample Analysis	: 09.05.2026 & 11.05.2026
12	Date Sample Analysis Completion	: 09.05.2026 & 11.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000428F

**RESULTS**

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
<b>Chimneys attached to Bag Filter (De dusting Units)</b>										
<b>2 X 500 TPD Sponge Iron Kiln 1 &amp; 2</b>										
14	PSB 2 System-1 MCC	07.05.2026	1059	---	38	4.99	30	1.20	30.41	50
15	PSB 2 System-2 Road	07.05.2026	1060	---	39	5.03	30	1.20	32.41	50
16	Junction House Old & New	08.05.2026	1070	---	38	5.09	30	1.20	28.86	50
17	Storage Bunker	08.05.2026	1071	---	39	4.63	30	1.20	18.02	50
18	Dispatch	SHUTDOWN	-	---	-	-	30	1.20	-	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
14	PSB 2 System-1 MCC	20323	-
15	PSB 1 System-2 Road	20481	-
16	Junction House Old & New	20717	-
17	Storage Bunker	18865	-
18	Dispatch	-	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits

**\*\*End of the Report\*\***

Reviewed &amp; Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager**Notes:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDG - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA,  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-39A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler SL No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 <sup>st</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 08.05.2026 & 09.05.2026
11	Date of Sample Analysis	: 09.05.2026 & 11.05.2026
12	Date Sample Analysis Completion	: 09.05.2026 & 11.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/428

## RESULTS

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
14	PSB 2 System-1 MCC	07.05.2026	1059	35	19371	-
15	PSB 1 System-2 Road	07.05.2026	1060	34	19444	-
16	Junction House Old & New	08.05.2026	1070	34	19752	-
17	Storage Bunker	08.05.2026	1071	35	17917	-
18	Dispatch	SHUTDOWN	-	-	-	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits  
\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Notes

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA,  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-40

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (1st Fort Night)
9	Month of Sampling	:	MAY-2026
10	Date of Sample Received	:	12.05.2026 & 13.05.2026
11	Date of Sample Analysis	:	14.05.2026 & 14.05.2026
12	Date Sample Analysis Completion	:	14.05.2026 & 14.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	ULR-TC1723126000000438F

### RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/s	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TPD Sponge Iron Kiln 3&4										
19	DE 3, Axis 3 CD	11.05.2026	1090	---	38	5.07	30	1.20	31.90	50
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	11.05.2026	1091	---	40	4.91	30	1.20	29.02	50
21	DE 8 & 12 I-Bin, (Stand By)	11.05.2026	1092	---	43	5.24	30	1.90	37.40	50
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	12.05.2026	1104	---	39	5.14	30	1.90	30.90	50
23	Coal Dryer	12.05.2026	1105	---	44	4.89	30	1.20	39.95	50

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
19	DE 3, Axis 3 CD	20632	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	19989	-
21	DE 8 & 12 I-Bin, (Stand By)	53531	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	52487	-
23	Coal Dryer	19892	-

INFERENCE: The Measured Values are within the limits.

Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-40A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1st Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 12.05.2026 & 13.04.2026
11	Date of Sample Analysis	: 14.05.2026 & 14.05.2026
12	Date Sample Analysis Completion	: 14.05.2026 & 14.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/438

## RESULTS

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Chimneys attached to Bag Filter (De dusting Units)</b>						
<b>2X500 TPD Sponge Iron Kiln 3&amp;4</b>						
19	DE 3, Axis 3 CD	11.05.2026	1090	34	19710	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	11.05.2026	1091	36	18911	-
21	DE 8 & 12 I-Bin, (Stand By)	11.05.2026	1092	37	50137	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	12.05.2026	1104	34	50086	-
23	Coal Dryer	12.05.2026	1105	38	18557	-

Gas flow Discharge rate at NTP

IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory, subjected to Hbbl jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA.  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-41/1  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 15.05.2026
11	Date of Sample Analysis	: 16.05.2026
12	Date Sample Analysis Completion	: 16.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000443F

### RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
<b>Blast furnace</b>										
1	Cast House dedusting stack	14.05.2026	1133	---	47	6.56	35	3.3	41.57	50
2	Stock House dedusting stack	14.05.2026	1134	---	44	6.70	35	3.3	36.00	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
1	Iron Ore Cone Crusher	201896	-
2	Iron Ore Screening	206251	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-41/1  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: <b>MAY-2026</b>
10	Date of Sample Received	: 15.05.2026
11	Date of Sample Analysis	: 16.05.2026
12	Date Sample Analysis Completion	: 16.05.2026
13	Report Issued Date	: <b>02.06.2026</b>
14	Report Number	: <b>KAEW/BMMIL/STACK /2026-27/443</b>

### RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Blast furnace</b>						
1	Cast House dedusting stack	14.05.2026	1133	36	186803	-
2	Stock House dedusting stack	14.05.2026	1134	35	192766	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

**INFERENCE:** The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory, Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-41  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 26.05.2026
11	Date of Sample Analysis	: 27.05.2026
12	Date Sample Analysis Completion	: 27.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000498F

### RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant-2										
1	Iron Ore Cone Crusher	Shut down	-	---	-	-	-	-	-	50
2	Iron Ore Screening	25.05.2026	1283	---	36	4.69	30	0.90	16.64	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
1	Iron Ore Cone Crusher	-	-
2	Iron Ore Screening	10743	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-42

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler SL No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	:	MAY-2026
10	Date of Sample Received	:	18.05.2026
11	Date of Sample Analysis	:	19.05.2026
12	Date Sample Analysis Completion	:	19.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	ULR-TC1723126000000447F

### RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant										
3	AGB main bag Filter	16.05.2026	1145	---	38	4.73	6.5	0.50	27.30	50
4	Lime & Bentonite Powder bin top bag filter	16.05.2026	1146	---	40	5.00	6.5	0.50	20.37	50
5	AGB De dusting Bag Filter	SHUTDOWN	-	---	-	-	6.0	0.60	-	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
3	AGB main bag Filter	3340	-
4	Lime & Bentonite Powder bin top bag filter	3532	-
5	AGB De dusting Bag Filter		-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: --The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-42A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 18.05.2026
11	Date of Sample Analysis	: 19.05.2026
12	Date Sample Analysis Completion	: 19.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/447

### RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Chimneys attached to Bag Filter (De dusting Units)</b>						
<b>Pellet Plant</b>						
3	AGB main bag Filter	16.05.2026	1145	35	3191	-
4	Lime & Bentonite Powder bin top bag filter	16.05.2026	1146	36	3342	-
5	AGB De dusting Bag Filter	SHUTDOWN	-	-	-	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: --The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

## ANNEXURE-43

Format No: SKAEW/7.8/RF/C/04

### Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 18.05.2026
11	Date of Sample Analysis	: 19.05.2026
12	Date Sample Analysis Completion	: 19.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000448F

### RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant										
6	Powder Coal main bag filter	SHUTDOWN	-	---	-	-	6.0	0.60	-	50
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	---	-	-	6.0	0.30	-	50
8	Pellet discharge bin bag filter	16.05.2026	1147	---	41	4.71	2.0	0.50	35.45	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
6	Powder Coal main Bagfilter	-	-
7	RP-6 Conveyor bag Filter	-	-
8	Pellet discharge bin Bagfilter	3331	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: --The Measured Values are within the limits.

\*\*End of the Report\*\*

Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager



#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Mohl Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-43A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: <b>MAY-2026</b>
10	Date of Sample Received	: 18.05.2026
11	Date of Sample Analysis	: 19.05.2026
12	Date Sample Analysis Completion	: 19.05.2026
13	Report Issued Date	: <b>02.06.2026</b>
14	Report Number	: <b>KAEW/BMMIL/STACK /2026-27/448</b>

## RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Chimneys attached to Bag Filter (De dusting Units)</b>						
<b>Pellet Plant</b>						
6	Powder Coal main Bagfilter	SHUTDOWN	-	-	-	-
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	-	-	-
8	Pellet discharge bin Bagfilter	16.05.2026	3331	37	3140	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: --The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-44  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 21.05.2026 & 22.05.2026
11	Date of Sample Analysis	: 22.05.2026 & 23.05.2026
12	Date Sample Analysis Completion	: 22.05.2026 & 23.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000453F

### RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 1 & 2										
9	Cooler Discharge -1	20.05.2026	1190	Coal	34	4.80	30	1.2	27.06	50
10	Cooler Discharge -2	20.05.2026	1191	Coal	36	4.95	30	1.2	30.59	50
11	Coal stock house	20.05.2026	1192	Coal	35	5.02	30	1.2	11.11	50
12	PSB 1 System-1	21.05.2026	1198	Coal	38	5.06	30	1.2	36.00	50
13	PSB 1 System-2	21.05.2026	1199	Coal	40	5.20	30	1.2	33.76	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
9	Cooler Discharge -1	19538	-
10	Cooler Discharge -2	20139	-
11	Coal stock house	20455	-
12	PSB 1 System-1	20602	-
13	PSB 1 System-2	21187	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-44A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 21.05.2026 & 22.05.2026
11	Date of Sample Analysis	: 22.05.2026 & 23.05.2026
12	Date Sample Analysis Completion	: 22.05.2026 & 23.05.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/453

## RESULTS

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 1 & 2						
9	Cooler Discharge -1	20.05.2026	1190	29	18895	-
10	Cooler Discharge -2	20.05.2026	1191	31	19325	-
11	Coal stock house	20.05.2026	1192	32	19676	-
12	PSB 1 System-1	21.05.2026	1198	34	19645	-
13	PSB 1 System-2	21.05.2026	1199	35	20055	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detective Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-45  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(2 <sup>nd</sup> Fort Night)
9	Month of Sampling	:	MAY-2026
10	Date of Sample Received	:	23.05.2026 & 25.05.2026
11	Date of Sample Analysis	:	25.05.2026 & 26.05.2026
12	Date Sample Analysis Completion	:	26.05.2026 & 27.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	ULR-TC1723126000000493F

### RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Use d	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
<b>Chimneys attached to Bag Filter (De dusting Units)</b>										
<b>2 X 500 TPD Sponge Iron Kiln 1 &amp; 2</b>										
14	PSB 2 System-1 MCC	22.05.2026	1252	Coal	36	4.88	30	1.2	31.74	50
15	PSB 1 System-2 Road	22.05.2026	1253	Coal	37	4.85	30	1.2	34.27	50
16	Junction House Old & New	22.05.2026	1254	Coal	39	4.82	30	1.2	29.44	50
17	Storage Bunker	23.05.2026	1265	Coal	37	4.91	30	1.2	20.07	50
18	Dispatch	SHUTDOWN	-	---	-	-	30	1.2	-	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
14	PSB 2 System-1 MCC	19871	-
15	PSB 1 System-2 Road	19752	-
16	Junction House Old & New	19643	-
17	Storage Bunker	20009	-
18	Dispatch	-	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-45A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(2 <sup>nd</sup> Fort Night)
9	Month of Sampling	:	MAY-2026
10	Date of Sample Received	:	23.05.2026 & 25.05.2026
11	Date of Sample Analysis	:	25.05.2026 & 26.05.2026
12	Date Sample Analysis Completion	:	26.05.2026 & 27.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/493

## RESULTS

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 1 & 2						
14	PSB 2 System-1 MCC	22.05.2026	1252	31	19136	-
15	PSB 1 System-2 Road	22.05.2026	1253	32	18918	-
16	Junction House Old & New	22.05.2026	1254	34	18685	-
17	Storage Bunker	23.05.2026	1265	32	19230	-
18	Dispatch	SHUTDOWN	-	-	-	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-46

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	:	MAY-2026
10	Date of Sample Received	:	25.05.2026, 27.05.2026 & 28.05.2026
11	Date of Sample Analysis	:	26.05.2026, 28.05.2026 & 29.05.2026
12	Date Sample Analysis Completion	:	26.05.2026, 28.05.2026 & 29.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	ULR-TC172312600000495F

### RESULTS

Sl. NO	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/s	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nm <sup>3</sup>
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TPD Sponge Iron Kiln 3&4										
19	DE 3, Axis 3 CD	23.05.2026	1266	---	38	4.88	30	1.20	28.24	50
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	23.05.2026	1267	---	39	5.12	30	1.20	31.28	50
21	DE 8 & 12 I-Bin, (Stand By)	23.05.2026	1268	---	40	5.10	30	1.90	36.17	50
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	26.05.2026	1296	---	38	5.13	30	1.90	36.38	50
23	Coal Dryer	27.05.2026	1307	---	42	4.78	30	1.20	38.24	50

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
19	DE 3, Axis 3 CD	19877	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	20843	-
21	DE 8 & 12 I-Bin, (Stand By)	52079	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	52356	-
23	Coal Dryer	19473	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2010)

INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed &amp; Authorized Signatory

*R.H. Bengeri*Mrs. Radha M Bengeri  
Technical Manager**Notes:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total REL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail : radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-46A

Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	:	MAY-2026
10	Date of Sample Received	:	25.05.2026, 27.05.2026 & 28.04.2026
11	Date of Sample Analysis	:	26.05.2026, 28.05.2026 & 29.05.2026
12	Date Sample Analysis Completion	:	26.05.2026, 28.05.2026 & 29.05.2026
13	Report Issued Date	:	02.06.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/495

### RESULTS

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Chimneys attached to Bag Filter (De dusting Units)</b>						
<b>2X500 TPD Sponge Iron Kiln 3&amp;4</b>						
19	DE 3, Axis 3 CD	23.05.2026	1266	33	19024	
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	23.05.2026	1267	33	19850	-
21	DE 8 & 12 I-Bin, (Stand By)	23.05.2026	1268	34	49401	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	26.05.2026	1296	34	49930	-
23	Coal Dryer	27.05.2026	1307	30	18390	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced, either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA,  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-46/1  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 30.05.2026
11	Date of Sample Analysis	: 01.06.2026
12	Date Sample Analysis Completion	: 01.06.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000502F

## RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm <sup>3</sup>	KSPCB Std mg/Nr
<b>Blast furnace</b>										
1	Cast House dedusting stack	29.05.2026	1324	---	46	6.68	35	3.3	42.81	50
2	Stock House dedusting stack	29.05.2026	1325	---	42	6.51	35	3.3	37.51	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m <sup>3</sup> /hr	KSPCB Std
1	Iron Ore Cone Crusher	205658	-
2	Iron Ore Screening	200581	-

Parameter	Protocol
Particulate Matter (mg/Nm <sup>3</sup> )	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

### Notes

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-46/1  
Format No: SKAEW/7.8/RF/C/04

## Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler SL No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 <sup>nd</sup> Fort Night)
9	Month of Sampling	: MAY-2026
10	Date of Sample Received	: 30.05.2026
11	Date of Sample Analysis	: 01.06.2026
12	Date Sample Analysis Completion	: 01.06.2026
13	Report Issued Date	: 02.06.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/502

### RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm <sup>3</sup> /hr	KSPCB Std
<b>Blast furnace</b>						
1	Cast House dedusting stack	29.05.2026	1324	34	191411	-
2	Stock House dedusting stack	29.05.2026	1325	33	189231	-

Parameter	Protocol
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total RDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-47  
Format No: SKAEW/7.8/RF/C/02

## NOISE LEVEL MONITORING REPORT

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026  
Sample collected by : Shri Krishna Aqua Engineering Works  
Discipline : Chemical  
Group : Atmospheric Pollution  
Sample Type : Noise Level Monitoring  
Particulars of Sample Collected : Sound Level Meter  
Make : Kusam Meco , Model: KM929MK1  
Instrument Details : Date of Calibration: 09.09.2025  
Calibration Due Date:08.09.2026  
Month : MAY-2026  
Report Issue Date : 02.06.2026  
Method Adopted : IS 9989-1981 Reaffirmed 2023  
Report No : ULR-TC1723126000000408F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		Standard
				Day Time		
				Min	Max	
1	Main Gate	09.05.2026	1079	48.2	52.4	75
2	Blast Furnace Blower House Entrance	02.05.2026	996	69.8	73.1	75
3	Transit House	06.05.2026	1038	53.4	60.0	75
4	BF-7th Gate	05.05.2026	1024	47.9	56.9	75
5	Gunda Road	12.05.2026	1112	51.8	56.9	75
6	Gunda Railway Station	12.05.2026	1113	45.6	52.4	75
7	Bagging Shed	08.05.2026	1073	57.8	64.1	75
8	Railway Siding	07.05.2026	1054	59.8	69.5	75
9	SMS-Vibro Feeders	05.05.2026	1025	69.2	72.4	75
10	Bricks Plant	07.05.2026	1055	49.9	56.4	75
11	Kempuhalla (Wagon Tippler)	08.05.2006	1074	53.4	59.4	75
12	Danapura Bridge	11.05.2026	1097	52.4	56.1	75
13	2nd Gate	11.05.2026	1098	49.8	54.6	75
14	MBM-Scale pit	06.05.2026	1188	70.1	73.5	75
15	Dispatch (Truck Parking Area)	09.05.2026	1262	58.6	63.5	75
16	Blast Furnace Stock House	02.05.2026	995	60.8	70.6	75
17	Blast Furnace Cost House	04.05.2026	1008	62.4	72.4	75
18	Gas Cleaning Plant	04.05.2026	1009	70.1	71.8	75

Note: Each Location above the Noise Level taken Readings 15 Minutes.

**INFERENCE** As per CPCB Standards,  
Report Status: - Measured Values for the above parameters are within the limit.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

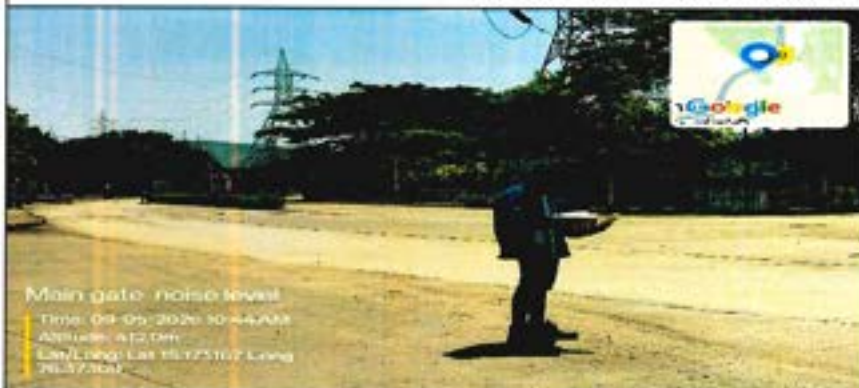
*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the Laboratory. Subjected to Hubli Jurisdiction.

FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



Main gate - noise level  
 Time: 09:05:2020 10:44AM  
 Address: A12 DM  
 Lat/Lng: Lat 15.775167 Long 76.577601



B1 - Blower House Entrance - Noise level  
 Time: 09:05:2020 10:51AM  
 Address: A12 DM  
 Lat/Lng: Lat 15.775167 Long 76.577601



Slime cleaning plant (GCP) - Noise level  
 Time: 09:05:2020 12:00PM  
 Address: A12 DM  
 Lat/Lng: Lat 15.775167 Long 76.577601



B2 - Cost House - Noise level  
 Time: 09:05:2020 12:00PM  
 Address: A12 DM  
 Lat/Lng: Lat 15.775167 Long 76.577601



Transfer House - Noise level  
 Time: 09:05:2020 12:01PM  
 Address: A12 DM  
 Lat/Lng: Lat 15.775167 Long 76.577601

FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



**Sms-Vit**  
 Time: 09-05-2026 11:13 AM  
 Altitude: 2000.0m  
 Lat/Long: Lat: 15.170034 Long: 76.337000



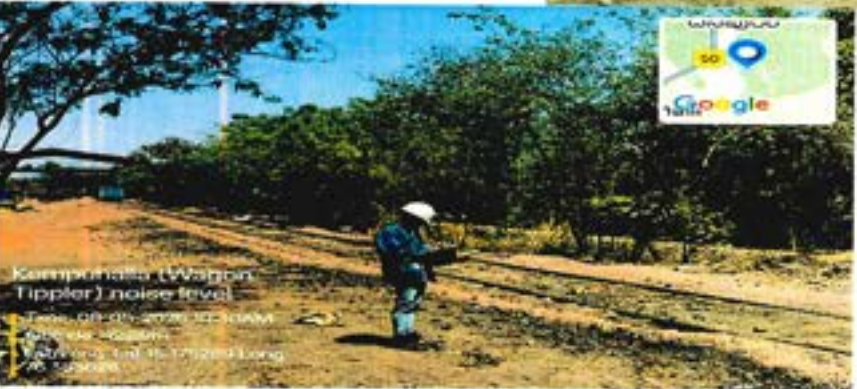
**MIRA**  
 Time: 09-05-2026 11:13 AM  
 Altitude: 2000.0m  
 Lat/Long: Lat: 15.170034 Long: 76.337000



**Dispatch (Truck Parking Area) noise level**  
 Time: 09-05-2026 10:31 AM  
 Altitude: 1400.0m  
 Lat/Long: Lat: 15.170034 Long: 76.337000

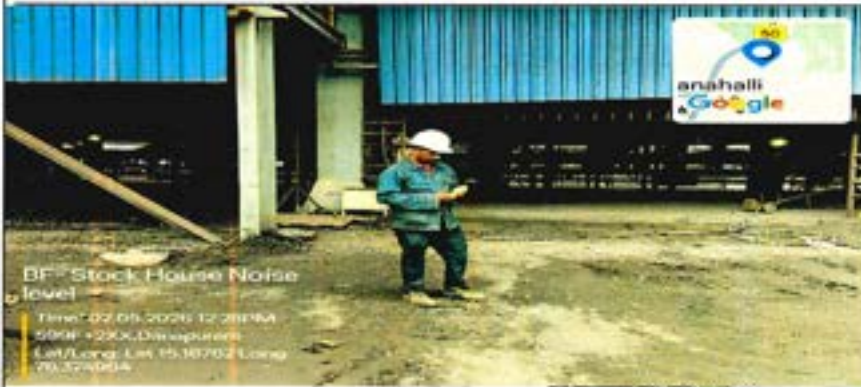


**Bricks Plant Noise Level**  
 Time: 07-05-2026 10:26 AM  
 Altitude: 430.0m  
 Lat/Long: Lat: 15.170034 Long: 76.337000



**Kumpunilla (Wagon Tippler) noise level**  
 Time: 08-05-2026 11:33 AM  
 Altitude: 2000.0m  
 Lat/Long: Lat: 15.170034 Long: 76.337000

FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



# FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-4B

Format No: SKAEW/7.8/RF/C/02

## NOISE LEVEL MONITORING REPORT

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
 Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026  
 Sample collected by : Shri Krishna Aqua Engineering Works  
 Discipline : Chemical  
 Group : Atmospheric Pollution  
 Sample Type : Noise Level Monitoring  
 Particulars of Sample Collected : Sound Level Meter  
 Make : Kusam Meco , Model: KM929MK1  
 Instrument Details : Date of Calibration: 09.09.2025  
 Calibration Due Date:08.09.2026  
 Month : MAY-2026  
 Report Issue Date : 02.06.2026  
 Method Adopted : IS 9989-1981 Reaffirmed 2023  
 Report No : ULR-TC1723126000000445F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		
				Day Time		Standard
				Min	Max	
1.	Main Gate	22.05.2026	1261	48.2	50.9	75
2.	Blast Furnace Blower House Entrance	16.05.2026	1142	69.2	72.8	75
3.	Transit House	20.05.2026	1185	53.7	72.5	75
4.	BF-7th Gate	19.05.2026	1175	48.3	69.3	75
5.	Gunda Road	25.05.2026	1280	54.6	56.5	75
6.	Gunda Railway Station	25.05.2026	1281	47.2	49.5	75
7.	Bagging Shed	20.05.2026	1186	58.8	72.2	75
8.	Railway Siding	21.05.2026	1203	64.7	71.3	75
9.	SMS-Vibro Feeders	19.05.2026	1176	70.2	73.1	75
10.	Bricks Plant	21.05.2026	1204	51.2	53.9	75
11.	Kempuhalla (Wagon Tippler)	20.05.2026	1187	56.2	64.1	75
12.	Danapura Bridge	23.05.2026	1263	48.2	54.8	75
13.	2nd Gate	23.05.2026	1264	48.4	54.6	75
14.	MBM-Scale pit	20.05.2026	1188	70.1	73.8	75
15.	Dispatch (Truck Parking Area)	22.05.2026	1262	61.0	68.1	75
16.	Blast Furnace Stock House	16.05.2026	1143	62.4	70.2	75
17.	Blast Furnace Cost House	18.05.2026	1153	60.4	66.8	75
18.	Gas Cleaning Plant	18.05.2026	1154	70.2	73.9	75

Note: Each Location above the Noise Level taken Readings 15 Minutes.

INFERENCE

As per CPCB Standards,

Report Status: - Measured Values for the above parameters are within the limit.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

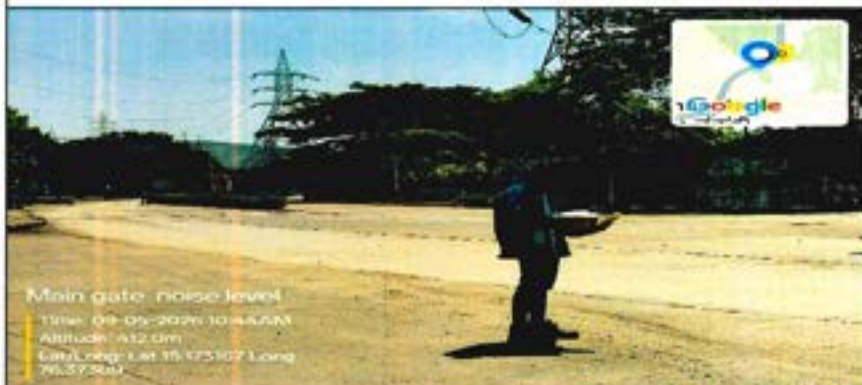
*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\* Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.

FIRST FORT NGHT INSIDE PLANT NOISE MONITORING



Main gate noise level  
 Time: 08-05-2026 10:42:00  
 Altitude: 432.0m  
 Lat/Long: Lat: 15.175107 Long: 76.577647



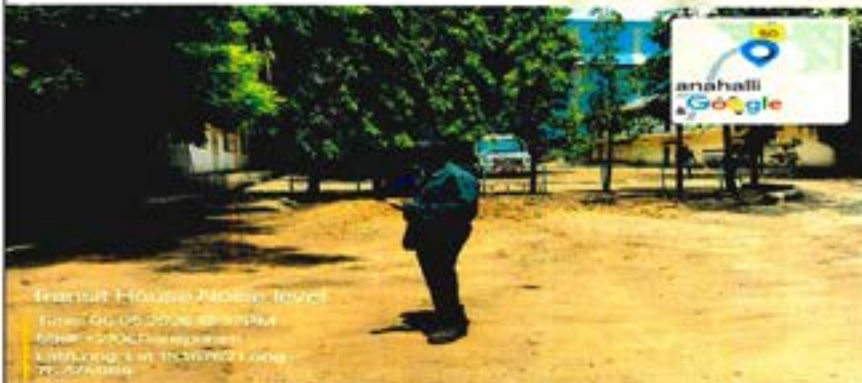
BF - Blower House  
 Entrance Noise level  
 Time: 08-05-2026 10:43:00  
 Altitude: 432.0m  
 Lat/Long: Lat: 15.175107 Long: 76.577647



Gas cleaning plant  
 GCPT Noise level  
 Time: 08-05-2026 10:44:00  
 Altitude: 432.0m  
 Lat/Long: Lat: 15.175107 Long: 76.577647

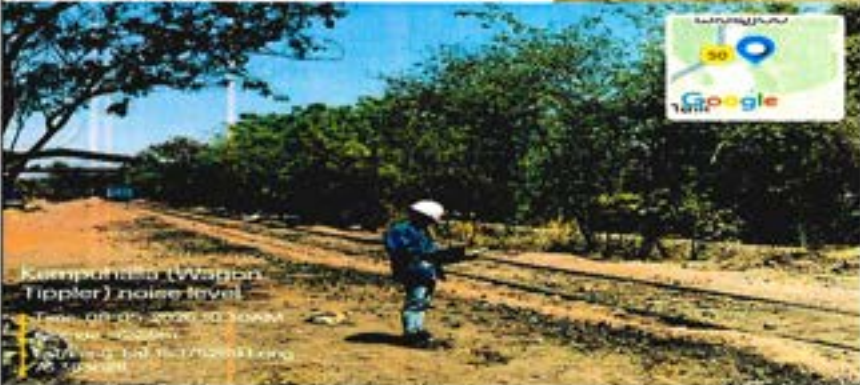


BF - Coal House Noise level  
 Time: 08-05-2026 10:45:00  
 Altitude: 432.0m  
 Lat/Long: Lat: 15.175107 Long: 76.577647

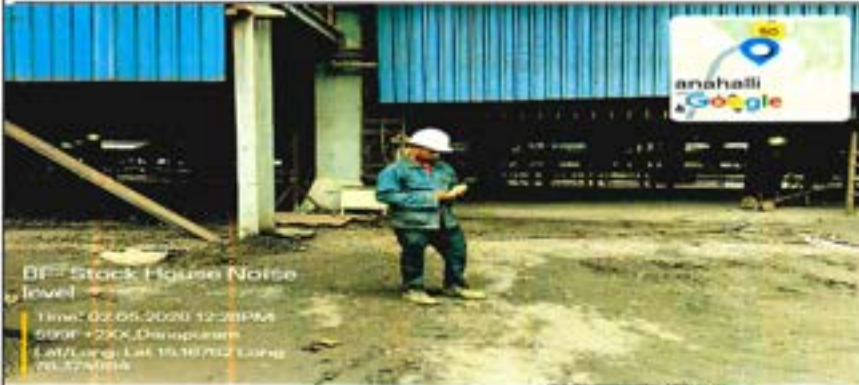


Transit House Noise level  
 Time: 08-05-2026 10:46:00  
 Altitude: 432.0m  
 Lat/Long: Lat: 15.175107 Long: 76.577647

FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



# FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



**BF - Stock House Noise level**  
Time: 02.05.2020 12:28PM  
Altitude: 200.0m  
Lat/Long: Lat: 15.16702 Long: 76.375054



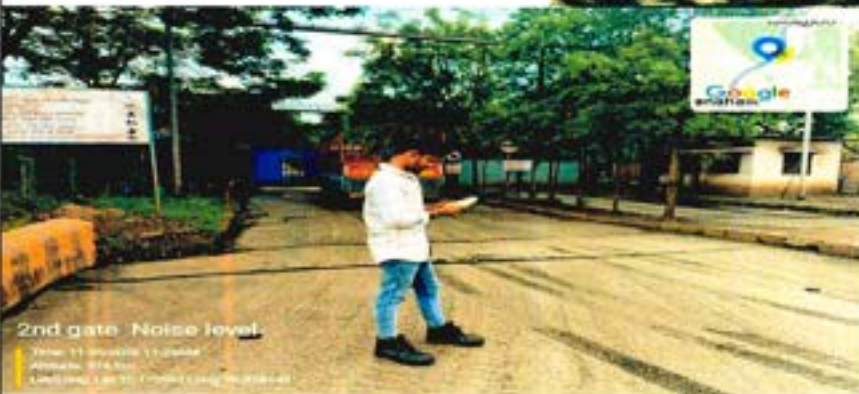
**BF - 7th Gate**  
Time: 05.05.2020 11:50AM  
Altitude: 200.0m  
Lat/Long: Lat: 15.16702 Long: 76.375054



**Railway Siding Noise level**  
Time: 07.05.2020 11:45AM  
Altitude: 420.0m  
Lat/Long: Lat: 15.175428 Long: 76.392044

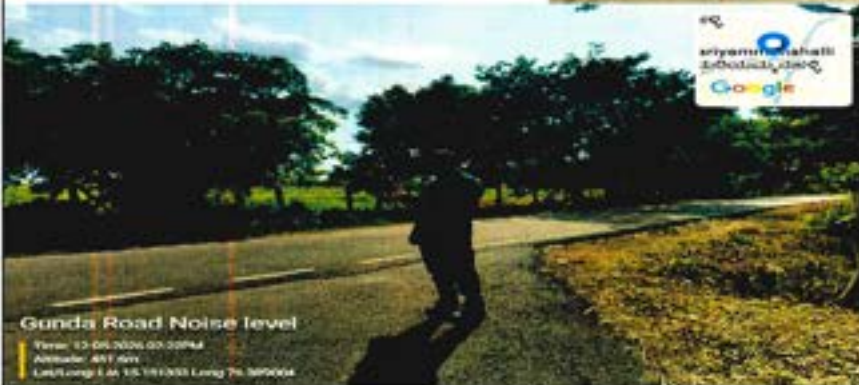


**Bagging Shed noise level**  
Time: 05.05.2020 11:45AM  
Altitude: 200.0m  
Lat/Long: Lat: 15.16702 Long: 76.375054



**2nd gate Noise level**  
Time: 11.05.2020 11:20AM  
Altitude: 274.0m  
Lat/Long: Lat: 15.175428 Long: 76.392044

# FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING





# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-49

Format No: SKAEW/7.8/RF/C/02

## AMBIENT NOISE LEVEL MONITORING REPORT

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.  
 Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026  
 Sample collected by : Shri Krishna Aqua Engineering Works  
 Discipline : Chemical  
 Group : Atmospheric Pollution  
 Sample Type : Noise Level Monitoring  
 Particulars of Sample Collected : Sound Level Meter  
 Make : Kusam Meco , Model: KM929MK1  
 Instrument Details : Date of Calibration: 09.09.2025  
 Calibration Due Date:08.09.2026  
 Month : MAY-2026  
 Report Issue Date : 02.06.2026  
 Method Adopted : IS 9989-1981 Reaffirmed 2023  
 Report No : ULR-TC1723126000000409F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)							
				Day Time			Standard	Night Time			Standard
				Min	Max	Avg		Min	Max	Avg	
1	Danapur Village	02.05.2026	997	49.2	54.6	52.34	55	38.8	44.1	42.14	45
2	Mariyammana Halli	05.05.2026	1019	50.6	59.6	54.08		40.4	43.8	41.38	
3	Hanumana Halli	04.05.2026	1010	50.1	54.8	53.16		39.4	42.4	41.18	
4	Galemmanagudi	06.05.2026	1041	49.4	59.2	53.84		42.8	46.8	43.66	
5	G. Nagalapura Village	07.05.2026	1057	47.6	52.4	48.02		37.6	41.4	39.64	
6	Gunda Tanda Village	08.05.2026	1076	45.2	50.8	48.04		38.8	42.6	40.12	

**INFERENCE** As per CPCB Standards,  
 Report Status: - Measured Values for the above parameters are within the limit.  
 \*\*End of the Report\*\*

### NOISE: (AMBIENT STANDARDS)

Area code	Category of Area	Limit in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Area	50	40



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-50

Format No: SKAEW/7.8/RF/C/09

## Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	1210
9	Date of Sampling	:	21.05.2026
10	Sample Received	:	21.05.2026
11	Date of Analysis	:	22.05.2026
12	Date of Analysis Completion	:	29.05.2026
13	Report Issue Date	:	02.06.2026
14	Report Number	:	ULR-TC1723126000000454F

## Results

Sl. No.	Parameters	Protocol	Unit	Danapur Village (GW1)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	7.21	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023 )	µS/cm	3300	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1990	500max	2000 max
4.	Turbidity (NTU)	IS 3025 Part 10: 2023	NTU	1	1 max	5max
5.	Total Suspended Solids	IS 3025 Part 15: 2023	mg/L	18.95	-	-
6.	Sulphate as SO <sub>4</sub>	IS 3025 Part 24 Sec 1: 2022	mg/L	202.41	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	BDL(<0.1)	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	440.8	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	2.17	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	117.6	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	71.4	30max	100max
12.	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21: 2009	mg/L	588.00	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	176.06	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	1.21	1 max	1.5 max
15.	Nitrate as NO <sub>3</sub> -N	IS 3025 Part 34 Sec 1: 2023	mg/L	3.96	45max	NR

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-50						
16.	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 Part 23: 2023	mg/L	586.00	200max	600max
17.	Acidity as CaCO <sub>3</sub>	IS 3025 Part 22: 2024	mg/L	84	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.50	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.03	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW1: Danapur Village. NR-No relaxation.

<b>INFERENCE</b>	<b>As per Standards IS: 10500:2012</b> <b>Report Status: - Measured Values for the above parameters are within the limits.</b>
------------------	---

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA,  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-50

Format No: SKAEW/7.8/RF/C/09

## Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical/Biological
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 1210
9	Date of Sampling	: 21.05.2026
10	Sample Received	: 21.05.2026
11	Date of Analysis	: 22.05.2026
12	Date of Analysis Completion	: 29.05.2026
13	Report Issue Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/GW/2026-27/454

### Results

Sl. No	Parameters	Protocol	Unit	Danapur Village (GW1)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coli form count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

*R.H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-51  
Format No: SKAEW/7.8/RF/C/09

## Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 1211
9	Date of Sampling	: 21.05.2026
10	Sample Received	: 21.05.2026
11	Date of Analysis	: 22.05.2026
12	Date of Analysis Completion	: 29.05.2026
13	Report Issue Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000455F

## Results

Sl. No.	Parameters	Protocol	Unit	Hanumanahalli Village (GW2)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	7.50	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023 )	µS/cm	4200	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1960	500max	2000 max
4.	Turbidity (NTU)	IS 3025 Part 10: 2023	NTU	1	1 max	5max
5.	Total Suspended Solids	IS 3025 Part 15: 2023	mg/L	BDL(<2.0)	-	-
6.	Sulphate as SO <sub>4</sub>	IS 3025 Part 24 Sec 1: 2022	mg/L	259.61	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.39	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	311.28	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	3.08	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	115.9	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	70.48	30max	100max
12.	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21: 2009	mg/L	578.00	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	426.9	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	1.35	1 max	1.5 max

### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TG-17231

ANNEXURE-51						
15.	Nitrate as NO <sub>3</sub> -N	IS 3025 Part 34 Sec 1: 2023	mg/L	2.49	45max	NR
16.	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 Part 23: 2023	mg/L	523.00	200max	600max
17.	Acidity as CaCO <sub>3</sub>	IS 3025 Part 22: 2024	mg/L	141	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.60	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.03	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW2: Hanumanahalli Village, NR-No relaxation.

INFERENCE	As per Standards IS: 10500:2012
	Report Status: - Measured Values for the above parameters are within the limit.

\*\*End of the Report\*\*



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manger

**Notes:**

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-51  
Format No: SKAEW/7.8/RF/C/09

## Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical/Biological
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 1211
9	Date of Sampling	: 21.05.2026
10	Sample Received	: 21.05.2026
11	Date of Analysis	: 22.05.2026
12	Date of Analysis Completion	: 29.05.2026
13	Report Issue Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/GW/2026-27/455

### Results

Sl. No	Parameters	Protocol	Unit	Hanumana halli Village (GW2)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coll form count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

*R. M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

**Note:**

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-52  
Format No: SKAEW/7.8/RF/C/08

## Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: <b>1212</b>
9	Date of Sampling	: 21.05.2026
10	Sample Received	: 21.05.2026
11	Date of Analysis	: 22.05.2026
12	Date of Analysis Completion	: 29.05.2026
13	Report Issue Date	: <b>02.06.2026</b>
14	Report Number	: <b>ULR-TC1723126000000456F</b>

### Results

Sl. No.	Parameters	Protocol	Unit	Galemman agudi Village (GW3)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	7.71	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023 )	µS/cm	2690	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1435	500max	2000 max
4.	Turbidity (NTU)	IS 3025 Part 10: 2023	NTU	1	1 max	5max
5.	Total Suspended Solids	IS 3025 Part 15: 2023	mg/L	24.5	-	-
6.	Sulphate as SO <sub>4</sub>	IS 3025 Part 24 Sec 1: 2022	mg/L	122.9	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	BDL(<0.1)	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	190.47	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	7.74	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	111.21	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	65.45	30max	100max
12.	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21: 2009	mg/L	569	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	380.08	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.31	1 max	1.5 max

#### Notes:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel. : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-52						
15.	Nitrate as NO <sub>3</sub> -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.79	45max	NR
16.	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 Part 23: 2023	mg/L	500	200max	600max
17.	Acidity as CaCO <sub>3</sub>	IS 3025 Part 22: 2024	mg/L	51	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	BDL(<0.1)	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	BDL(<0.01)	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW3: Galemmanagudi Village. NR-No relaxation.

<b>INFERENCE</b>	<b>As per Standards IS: 10500:2012</b> <b>Report Status: - Measured Values for the above parameters are within the limits.</b>
------------------	---

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

*R.M. Bengeri*

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detective Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory, subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-52  
Format No: SKAEW/7.8/RF/C/09

## Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical/Biological
6	Group	: Pollution & Environment
7	Sample Type	: Ground Water
8	Sample Code	: 1212
9	Date of Sampling	: 21.05.2026
10	Sample Received	: 21.05.2026
11	Date of Analysis	: 22.05.2026
12	Date of Analysis Completion	: 29.05.2026
13	Report Issue Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/GW/2026-27/456

### Results

Sl. No	Parameters	Protocol	Unit	Galemmana Gudi Village (GW3)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coli form count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-53  
Format No: SKAEW/7.8/RF/C/08

## Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	1213
9	Date of Sampling	:	21.05.2026
10	Sample Received	:	21.05.2026
11	Date of Analysis	:	22.05.2026
12	Date of Analysis Completion	:	29.05.2026
13	Report Issue Date	:	02.06.2026
14	Report Number	:	ULR-TC1723126000000457F

### Results

Sl. No.	Parameters	Protocol	Unit	Mariyammana Halli Village (GW4)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	7.48	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023 )	µS/cm	2980	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1326	500max	2000 max
4.	Turbidity (NTU)	IS 3025 Part 10: 2023	NTU	1	1 max	5max
5.	Total Suspended Solids	IS 3025 Part 15: 2023	mg/L	4.58	-	-
6.	Sulphate as SO <sub>4</sub>	IS 3025 Part 24 Sec 1: 2022	mg/L	130.29	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.14	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	407.7	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	4.11	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	123.3	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	67.8	30max	100max
12.	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21: 2009	mg/L	585.6	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	399.9	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.44	1 max	1.5 max

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA  
Tel : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE53						
15.	Nitrate as NO <sub>3</sub> -N	IS 3025 Part 34 Sec 1: 2023	mg/L	3.16	45max	NR
16.	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 Part 23: 2023	mg/L	505	200max	600max
17.	Acidity as CaCO <sub>3</sub>	IS 3025 Part 22: 2024	mg/L	111	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.49	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	BDL(<0.01)	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW4: Mariyammanahalli Village. NR-No relaxation

<b>INFERENCE</b>	<b>As per Standards IS: 10500:2012</b> <b>Report Status: - Measured Values for the above parameters are within the limit.</b>
------------------	--

**\*\*End of the Report\*\***



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri  
Technical Manger

**Note:**

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (\*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.  
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018.  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-53  
Format No: SKAEW/7.8/RF/C/09

## Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical/Biological
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 1213
9	Date of Sampling	: 21.05.2026
10	Sample Received	: 21.05.2026
11	Date of Analysis	: 22.05.2026
12	Date of Analysis Completion	: 29.05.2026
13	Report Issue Date	: 02.06.2026
14	Report Number	: SKAEW/BMMIL/GW/2026-27/457

### Results

Sl. No	Parameters	Protocol	Unit	Mariyamman a Halli Village (GW4)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coli form count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

*R. H. Bengeri*

Mrs. Radha M Bengeri  
Technical Manager

#### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDS - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.



# SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,  
1<sup>ST</sup> CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA INDIA  
Tel : 0836-2375678, Mobile : +91 94480 51534 +91 94800 28018,  
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-54  
Format No: SKAEW/7.8/RF/C/08

## Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO., 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 1214
9	Date of Sampling	: 21.05.2026
10	Sample Received	: 21.05.2026
11	Date of Analysis	: 22.05.2026
12	Date of Analysis Completion	: 29.05.2026
13	Report Issue Date	: 02.06.2026
14	Report Number	: ULR-TC1723126000000458F

## Results

Sl. No.	Parameters	Protocol	Unit	Gunda Thanda (GW5)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	7.90	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023 )	µS/cm	630	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	345	500max	2000 max
4.	Turbidity (NTU)	IS 3025 Part 10: 2023	NTU	1	1 max	5max
5.	Total Suspended Solids	IS 3025 Part 15: 2023	mg/L	BDL(<2.0)	-	-
6.	Sulphate as SO <sub>4</sub>	IS 3025 Part 24 Sec 1: 2022	mg/L	35.6	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.19	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	53.32	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	7.85	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	36.2	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	17.4	30max	100max
12.	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21: 2009	mg/L	184.26	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	79.86	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.19	1 max	1.5 max

### Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (\*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
- This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli jurisdiction.