BMM Ispat Ltd.,

ENVIRONMENTAL MONITORING REPORT



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

SEPTEMBER-2026

Prepared by

SHRI KRISHNA AQUA ENGINEERING WORKS
H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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

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 **SEPTEMBER-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 40.86,7.41,8.13 & 9.43 µg/m3 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 37.47, 7.76, 9.63 & 10.79 µg/m3 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 41.24, 11.20, 8.71 & 10.25 µg/m3 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 39.29, 11.40, 9.64 & 11.24 µg/m3 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 34.12, 6.56, 7.72 & 9.02 µg/m3respectively. 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 31.73, 9.23, 8.46 & 10.03 µg/m3respectively. 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 139.86 µg/m^3, maximum value 1958.5µg/m^3 and average value 800.49 µg/m^3. The Fugitive air quality 1st & 2nd Fortnight Results given in **Annexure-7 to Annexure-12.**

5.2 STACK MONITORING

Stack emission level was monitored all chimneys' PM values (mg/Nm^3) 1st and 2ndFortnight Minimum Value 8.34 mg/Nm^3, Maximum Value 39.64 mg/Nm^3 & Average Value 23.19 mg/Nm^3. 1st & 2nd Fortnight Results are given in **Annexure-13 to Annexure-46.**

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 45.0 dB to 72.8 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.

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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.. 4500005206 Dated 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A1-Danapur Village**
Duration of Monitoring	:	24 Hour
Report Issued Date	:	**03.10.2026**
Report Number	:	**ULR-TC172312600000001**

RESULTS

Parameters			PM_{10} [µg/m³]		$PM_{2.5}$ [µg/m³]		SO_2 [µg/m³]		NO_2 [µg/m³]	
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
01.09.2026	02.09.2026	0001	29.01	100	3.89	60	8.98	80	9.91	80
02.09.2026	03.09.2026	0017	34.70		5.69		10.05		10.24	
07.09.2026	08.09.2026	0073	45.87		9.29		6.13		7.37	
08.09.2026	09.09.2026	0089	57.86		11.45		7.69		8.13	
15.09.2026	16.09.2026	0152	61.45		15.09		8.18		11.70	
16.09.2026	17.09.2026	0156	55.13		13.90		8.89		11.53	
21.09.2026	22.09.2026	0209	29.58		0.00		9.20		9.84	
22.09.2026	23.09.2026	0223	13.27		0.00		5.93		6.72	
Average			40.86		7.41		08.13		09.43	

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 MFC
3	Serial No	R.D.S. / DATE -D-2000	PM10/PM2.55 Sampler /52-2020
4	Calibration Date	04.09.2026	04.09.2026
5	Calibration Due Date	03.09.2027	03.09.2027

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - 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.

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Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A1-Danapur Village**
Duration of Monitoring	:	1 Hour
Report Issued Date	:	**03.10.2026**
Report Number	:	**SKAEW/BMMIL/NAAQ/2026-27/0001**

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m³]	Standard
1	01.09.2026	0001	0.16	4.0
2	02.09.2026	0017	0.10	
3	07.09.2026	0073	<0.01	
4	08.09.2026	0089	<0.01	
5	15.09.2026	0152	0.12	
6	16.09.2026	0156	<0.01	
7	21.09.2026	0209	<0.01	
8	22.09.2026	0223	<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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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AMBIENT AIR QUALITY MONTORING STATION

Location : Danapur

Address:T Kotresh S/o T Thyappa Vyasankere colony Danapur

Near VRM Hospital









AMBIENT AIR QUALITY MONTORING STATION

Location : Danapur

Address:T Kotresh S/o T Thyappa Vyasankere colony Danapur

Near VRM Hospital









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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.. 4500005206 Dated 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A2-Mariyammanahalli Village**
Duration of Monitoring	:	24 Hour
Report Issued Date	:	**03.10.2026**
Report Number	:	**ULR-TC172312600000002**

Parameters			PM_{10} [µg/m³]		$PM_{2.5}$ [µg/m³]		SO_2 [µg/m³]		NO_2 [µg/m³]	
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
01.09.2026	02.09.2026	0002	27.09	100	4.80	60	9.74	80	9.92	80
02.09.2026	03.09.2026	0018	35.14		6.13		8.48		10.95	
09.09.2026	10.09.2026	0103	54.74		8.74		6.47		7.38	
10.09.2026	11.09.2026	0114	53.38		13.79		8.80		9.78	
15.09.2026	16.09.2026	0153	45.05		11.90		13.04		14.42	
16.09.2026	17.09.2026	0157	56.28		13.39		9.44		11.36	
23.09.2026	24.09.2026	0237	11.08		1.30		9.55		10.22	
24.09.2026	25.09.2026	0244	17.02		1.99		11.52		12.33	
Average			**37.47**		**7.76**		**09.63**		**10.79**	

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 MFC
3	**Serial No**	R.D.S. / 1575-DTC-2005	PM10/PM2.55 Sampler /52-2020
4	**Calibration Date**	04.09.2026	04.09.2026
5	**Calibration Due Date**	03.09.2027	03.09.2027

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A2-Mariyammanahalli Village**
Duration of Monitoring	:	1 Hour
Report Issued Date	:	**03.10.2026**
Report Number	:	**SKAEW/BMMIL/NAAQ/2026-27/0002**

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m³]	Standard
1	01.09.2026	0002	0.18	4.0
2	02.09.2026	0018	<0.01	
3	09.09.2026	0103	0.12	
4	10.09.2026	0114	0.10	
5	15.09.2026	0153	0.14	
6	16.09.2026	0157	0.12	
7	23.09.2026	0237	<0.01	
8	24.09.2026	0244	<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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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AMBIENT AIR QUALITY MONTORING STATION

Location : Mariyammana Halli

Address: Maruthi G. S/o. Uppara Ramappa 6th ward Venkatapura Road ,MM-halli.









Location : Mariyammana Halli

Address: Maruthi G S/o. Uppara Ramappa 6th ward Venkatapura Road ,MM-Halli.









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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.. 4500005206 Dated 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A3-Hanumanahalli Village**
Duration of Monitoring	:	24 Hour
Report Issued Date	:	**03.10.2026**
Report Number	:	**ULR-TC172312600000012**

RESULTS

Parameters			PM_{10} [µg/m³]		$PM_{2.5}$ [µg/m³]		SO_2 [µg/m³]		NO_2 [µg/m³]	
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
03.09.2026	04.09.2026	0034	42.81	100	11.60	60	8.44	80	10.02	80
04.09.2026	05.09.2026	0047	51.98		16.51		9.69		12.26	
07.09.2026	08.09.2026	0074	51.31		15.85		6.78		9.25	
08.09.2026	09.09.2026	0090	55.10		15.03		8.77		9.47	
17.09.2026	18.09.2026	0172	45.16		11.45		7.69		8.13	
18.09.2026	19.09.2026	0185	41.61		10.84		8.77		9.75	
21.09.2026	22.09.2026	0210	32.94		8.31		11.32		12.21	
22.09.2026	23.09.2026	0224	9.03		0.00		8.23		10.91	
Average			41.24		11.20		8.71		10.25	

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	04.09.2026
5	Calibration Due Date	27.01.2027	03.09.2027

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

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SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A3-Hanumanahalli Village**
Duration of Monitoring	:	1 Hour
Report Issued Date	:	**03.10.2026**
Report Number	:	**SKAEW/BMMIL/NAAQ/2026-27/0003**

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m³]	Standard
1	03.09.2026	0034	0.18	4.0
2	04.09.2026	0047	0.14	
3	07.09.2026	0074	0.18	
4	08.09.2026	0090	0.10	
5	17.09.2026	0172	0.12	
6	18.09.2026	0185	<0.01	
7	21.09.2026	0210	<0.01	
8	22.09.2026	0224	<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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

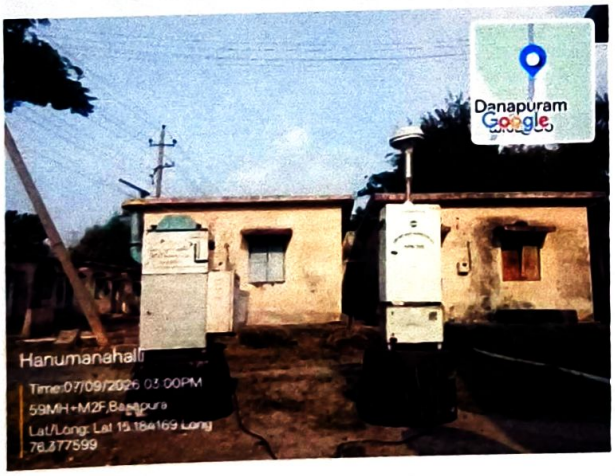
AMBIENT AIR QUALITY MONTORING STATION

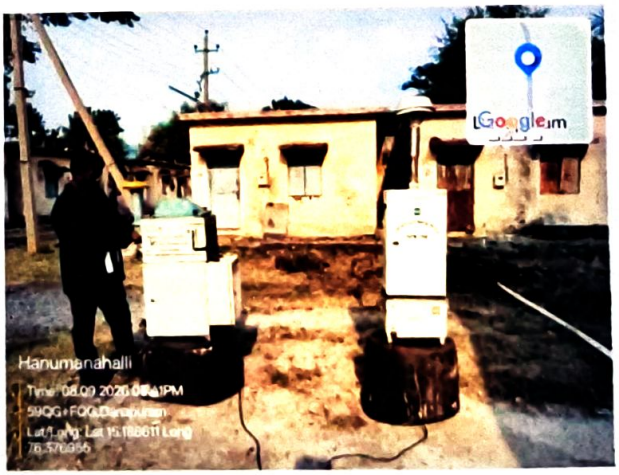
Location: Hanumanahalli

Address: EMMOHC Hospital Hanumanahalli Near STP





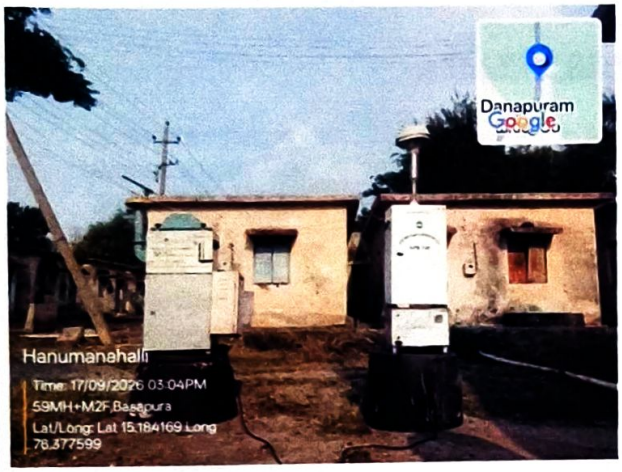




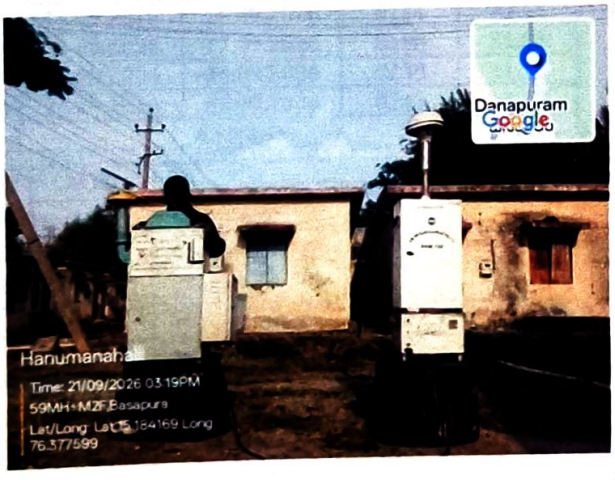
AMBIENT AIR QUALITY MONTORING STATION

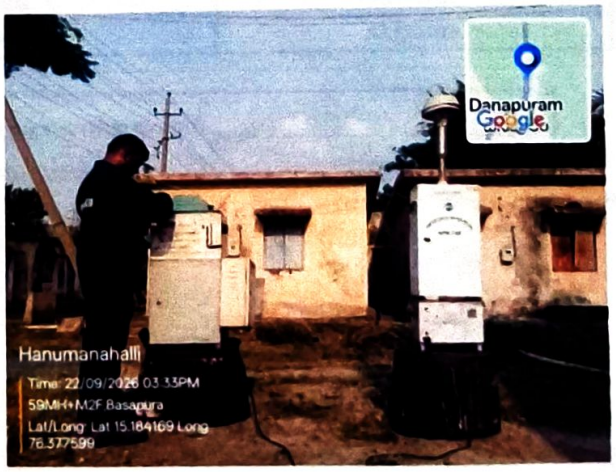
Location: Hanumanahalli

Address: BMMOHC Hospital Hanumanahalli Near STP









SHRI KRISHNA AQUA ENGINEERING WORKS

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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.. 4500005206 Dated 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A4-Galemmanagudi Village**
Duration of Monitoring	:	24 Hour
Report Issue Date	:	**03.10.2026**
Report Number	:	**ULR-TC172312600000003**

RESULTS

Parameters			PM_{10} [µg/m³]		$PM_{2.5}$ [µg/m³]		SO_2 [µg/m³]		NO_2 [µg/m³]	
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
01.09.2026	02.09.2026	0003	28.27	100	4.55	60	9.70	80	10.74	80
02.09.2026	03.09.2026	0019	36.89		6.71		8.21		10.60	
09.09.2026	10.09.2026	0104	48.24		19.66		9.68		10.75	
10.09.2026	11.09.2026	0115	59.86		16.81		11.53		13.46	
15.09.2026	16.09.2026	0154	62.64		20.75		9.73		10.81	
16.09.2026	17.09.2026	0158	51.59		15.50		11.88		12.81	
23.09.2026	24.09.2026	0238	11.15		4.12		6.27		8.58	
24.09.2026	25.09.2026	0245	15.70		3.11		10.11		12.17	
Average			39.29		11.40		09.64		11.24	

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	04.09.2026	04.09.2026
5	Calibration Due Date	03.09.2027	03.09.2027

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - 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

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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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A4-Galemmanagudi Village**
Duration of Monitoring	:	1 Hour
Report Issued Date	:	**03.10.2026**
Report Number	:	**SKAEW/BMMIL/NAAQ/2026-27/0004**

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m³]	Standard
1	01.09.2026	0003	0.16	4.0
2	02.09.2026	0019	0.10	
3	09.09.2026	0104	0.16	
4	10.09.2026	0115	0.12	
5	15.09.2026	0154	0.18	
6	16.09.2026	0158	0.16	
7	23.09.2026	0238	0.18	
8	24.09.2026	0245	0.10	

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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AMBIENT AIR QUALITY MONTORING STATION

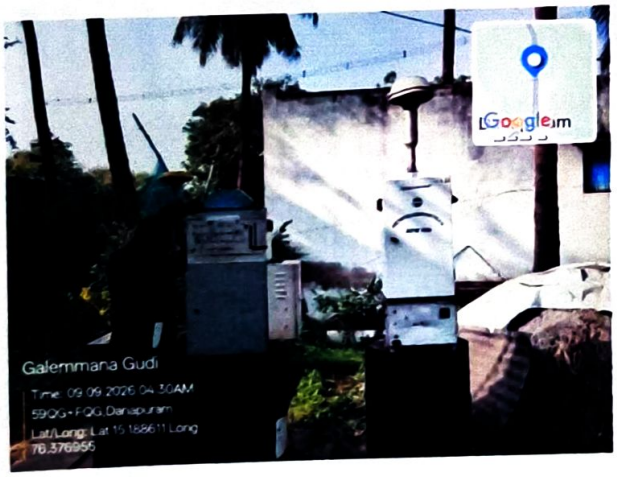
Location: Galemmanagudi

Address: Jeevan Galemmanagudi Village near welcome board Hanumahalli post

Tq: Hospet Dt: Vijayanagara









AMBIENT AIR QUALITY MONTORING STATION

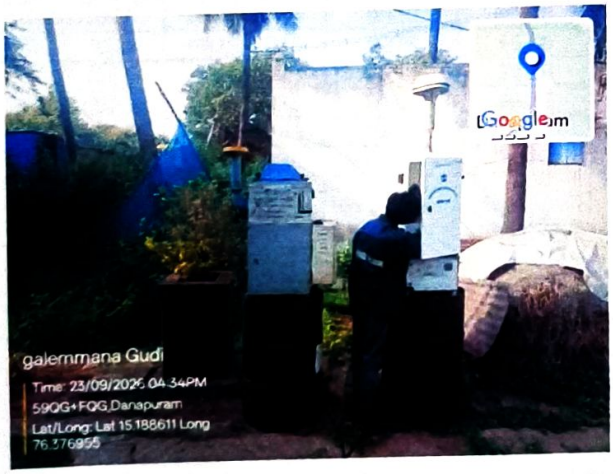
Location: Galemmanagudi

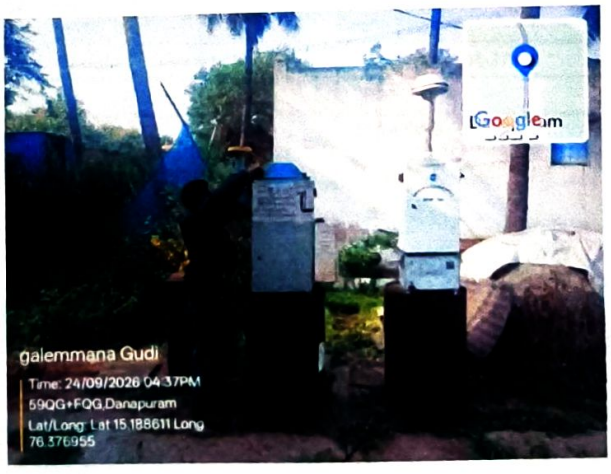
Address: Jeevan Galemmanagudi Village near welcome board Hanumahalli post

Tq: Hospet Dt: Vijayanagara









SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 Dated 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A5-G Nagalapura Village**
Duration of Monitoring	:	24 Hour
Report Issue Date	:	**03.10.2026**
Report Number	:	**ULR-TC172312600000004**

RESULTS

Parameters			PM10 [µg/m3]		PM2.5 [µg/m3]		SO2 [µg/m3]		NO2 [µg/m3]	
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
01.09.2026	02.09.2026	0004	25.71	100	4.21	60	7.83	80	8.08	80
02.09.2026	03.09.2026	0020	31.38		8.76		6.57		8.20	
07.09.2026	08.09.2026	0075	45.66		7.45		9.73		10.21	
08.09.2026	09.09.2026	0091	39.10		8.34		6.65		8.00	
15.09.2026	16.09.2026	0155	46.12		10.52		7.46		8.51	
16.09.2026	17.09.2026	0159	51.52		10.11		7.93		9.31	
21.09.2026	22.09.2026	0211	21.30		3.07		8.82		10.46	
22.09.2026	23.09.2026	0225	12.21		0.00		6.75		9.41	
Average			34.12		06.56		7.72		09.02	

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	04.09.2026	04.09.2026
5	Calibration Due Date	03.09.2027	03.09.2027

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - 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

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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A5- G Nagalapura Village**
Duration of Monitoring	:	1 Hour
Report Issued Date	:	**03.10.2026**
Report Number	:	**SKAEW/BMMIL/NAAQ/2026-27/0005**

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m³]	Standard
1	01.09.2026	0004	<0.01	4.0
2	02.09.2026	0020	<0.01	
3	07.09.2026	0075	<0.01	
4	08.09.2026	0091	<0.01	
5	15.09.2026	0155	<0.01	
6	16.09.2026	0159	<0.01	
7	21.09.2026	0211	<0.01	
8	22.09.2026	0225	<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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

AMBIENT AIR QUALITY MONITORING STATION

Location: Nagalapura Village

Address: B Manjunath S/o. B Hemanna G Nagalapura Hospet Tq Dt : Vijayanagara Near 2nd ward Bus stand Nagalapura









AMBIENT AIR QUALITY MONTORING STATION

Location: Nagalapura Village

Address: B Manjunath S/o. B Hanmanna G Nagalapura Hospet Tq Dt : Vijayanagara Near 2nd ward Bus stand Nagalapura









SHRI KRISHNA AQUA ENGINEERING WORKS

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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
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.. 4500005206 Dated 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A6-Gunda Tanda Village**
Duration of Monitoring	:	24 Hour
Report Issue Date	:	**03.10.2026**
Report Number	:	**ULR-TC172312600000013**

RESULTS

Parameters			PM_{10} [µg/m³]		$PM_{2.5}$ [µg/m³]		SO_2 [µg/m³]		NO_2 [µg/m³]	
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
03.09.2026	04.09.2026	0035	34.33	100	10.81	60	6.61	80	8.25	80
04.09.2026	05.09.2026	0048	39.75		9.77		6.98		8.47	
07.09.2026	08.09.2026	0076	32.34		14.30		11.34		13.81	
08.09.2026	09.09.2026	0092	46.19		16.34		7.04		9.10	
17.09.2026	18.09.2026	0173	35.05		11.07		7.47		8.71	
18.09.2026	19.09.2026	0186	34.85		8.01		10.83		11.49	
21.09.2026	22.09.2026	0212	20.83		3.53		7.31		9.49	
22.09.2026	23.09.2026	0226	10.47		0.00		10.09		10.90	
Average			31.73		09.23		08.46		10.03	

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	04.09.2026	04.09.2026
5	Calibration Due Date	03.09.2027	03.09.2027

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - 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

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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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
Location	:	**A6-Gunda Tanda Village**
Duration of Monitoring	:	1 Hour
Report Issued Date	:	**03.10.2026**
Report Number	:	**SKAEW/BMMIL/NAAQ/2026-27/0006**

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m³]	Standard
1	03.09.2026	0035	<0.01	4.0
2	04.09.2026	0048	<0.01	
3	07.09.2026	0076	0.10	
4	08.09.2026	0092	<0.01	
5	17.09.2026	0173	<0.01	
6	18.09.2026	0186	<0.01	
7	21.09.2026	0212	<0.01	
8	22.09.2026	0226	<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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

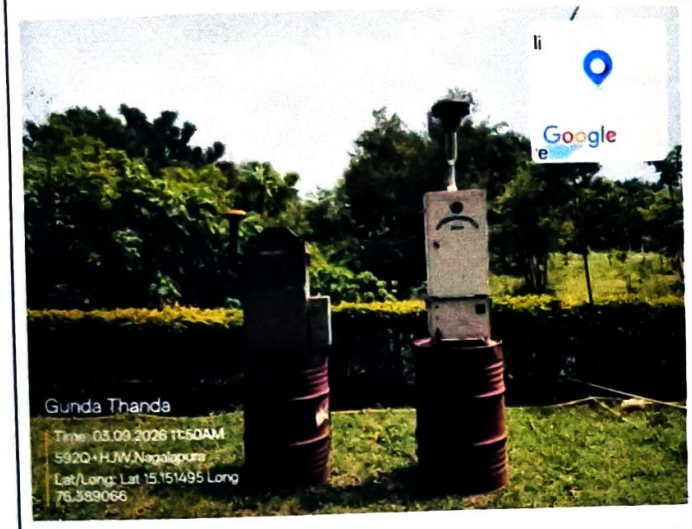
Mrs. Radha M Bengeri
Technical Manager

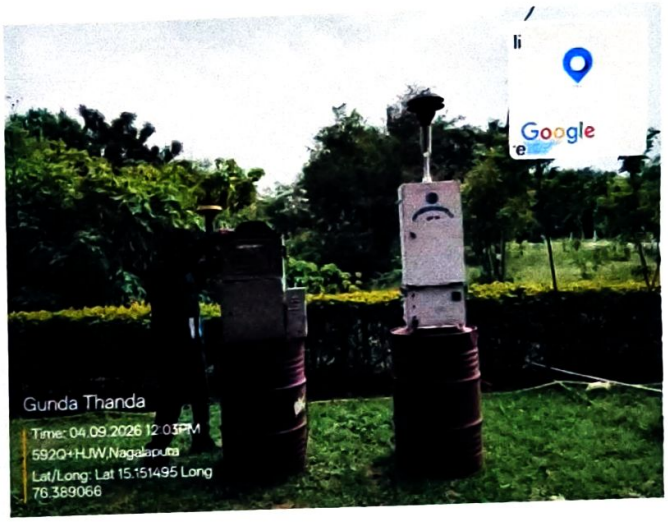
Note:
1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and 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.

AMBIENT AIR QUALITY MONTORING STATION

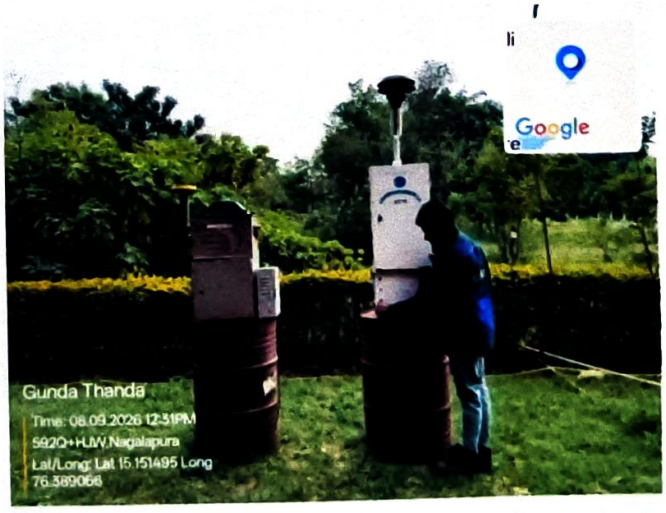
Location: BMM Quatre's

Gunda Thanda

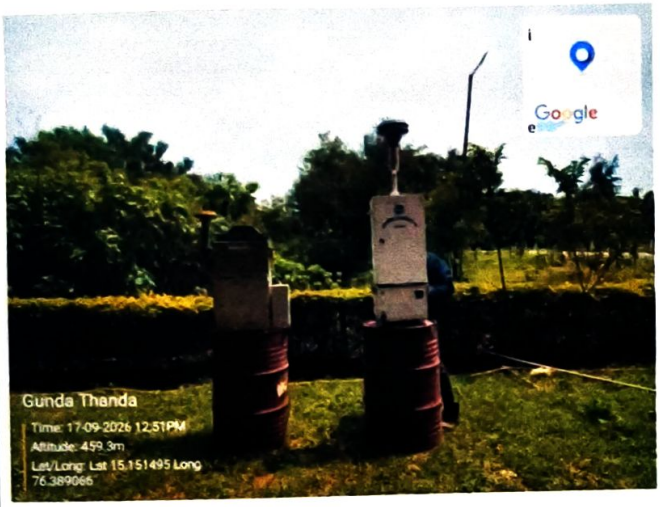








AMBIENT AIR QUALITY MONTORING STATION
Location: BMM Quatre's
Gunda Thanda









SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**(1st Fort Night)**
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4)1999 RA 2014
9	Report Issued Date	:	**03.10.2026**
10	Report Number	:	**SKAEW/BMMIL/FM/2026-27/0022**

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM (µg/m³)	Standard
I. Beneficiation Plant-1						
1.	Near Iron Ore Bottom Hopper	0081	07.09.2026	08.09.2026	803.18	2000
2.	Iron Ore Screen	0082	07.09.2026	08.09.2026	488.74	2000
3.	Near Air Compressor	0083	07.09.2026	08.09.2026	710.58	2000
II. Pellet Plant-I						
4.	Near Pellet Plant	0084	07.09.2026	08.09.2026	1281.57	2000
5.	Annual Cooler Pellet Discharge bin	0085	07.09.2026	08.09.2026	1520.49	2000
6.	Pellet Stock Yard	0095	08.09.2026	09.09.2026	1938.83	2000
III. Sponge Iron Division-1 (kiln 1 & 2)						
7.	Control Room SID-1	0109	09.09.2026	10.09.2026	1342.66	2000
8.	Near Product bin	0110	09.09.2026	10.09.2026	1127.23	2000
9.	Coal Feeding Area	0111	09.09.2026	10.09.2026	1355.99	2000
IV. Induction Furnace & Rolling Mill – 1						
10.	IF Office	0096	08.09.2026	09.09.2026	607.84	2000
11.	TMT Stock Yard	0097	08.09.2026	09.09.2026	621.69	2000
12.	RML Gasifier	0098	08.09.2026	09.09.2026	409.56	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	0112	09.09.2026	10.09.2026	927.45	2000
14.	25 MW ACC	0116	10.09.2026	11.09.2026	203.54	2000
VI. Site Services						
15.	PGP- coal handling system	0099	08.09.2026	09.09.2026	322.75	2000
16.	IF Slag Crusher	0113	09.09.2026	10.09.2026	605.90	2000
17.	Main Gate	0117	10.09.2026	11.09.2026	139.86	2000
18.	Fly ash Dump	0065	05.09.2026	07.09.2026	1140.94	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. (µg/m³), **INFERENCE:** The Measured Values are within the limits.

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

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

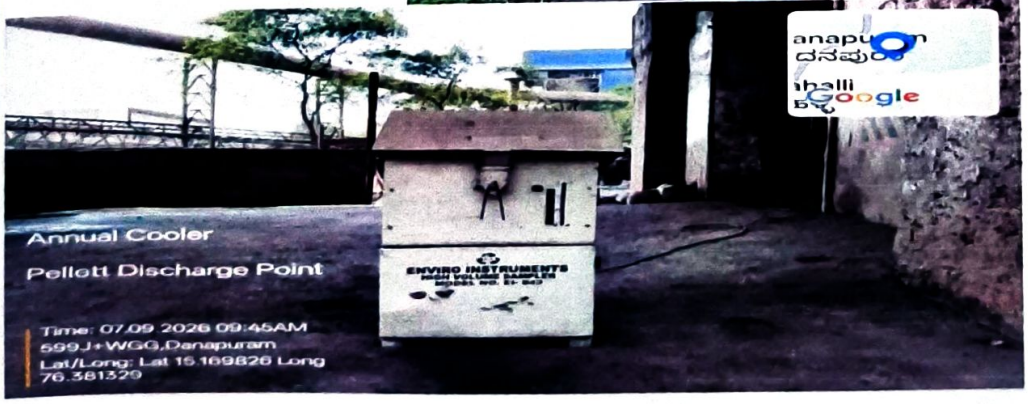
FUGITIVE EMISSION MONITORING ANNEXURE-7











FUGITIVE EMISSION MONTORING ANNEXURE-7











FUGITIVE EMISSION MONITORING ANNEXURE-7





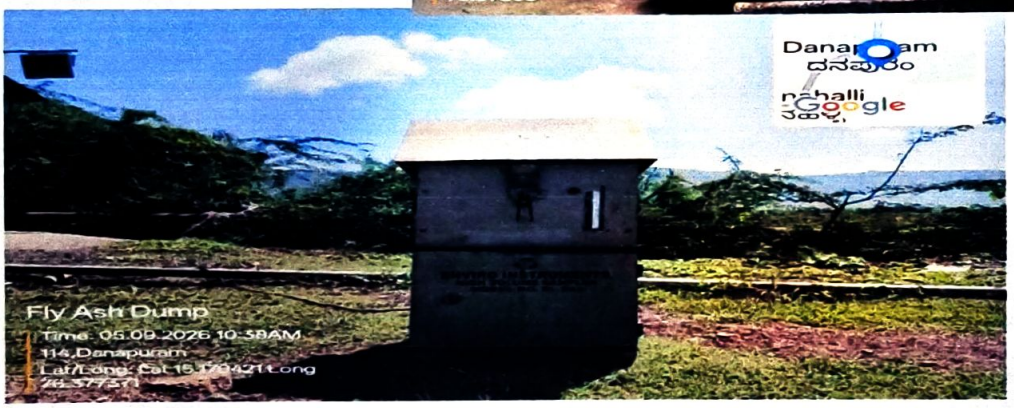







IF Slag Area
Time: 09.09.2026 09:44AM
599G+VV9,Danapuram
Lat/Long: Lat 15.169863 Long 76.377215


ENVIRO INSTRUMENTS
Main Gate
Time: 10.09.2026 09:52AM
59FF+768,Danapuram


Fly Ash Dump
Time: 05.09.2026 10:58AM
114,Danapuram

SHRI KRISHNA AQUA ENGINEERING WORKS

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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.. 4500005206 DATED 05.06.2026
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	:	**(2nd Fort Night)**
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4)1999 RA 2014
9	Report Issued Date	:	**03.10.2026**
10	Report Number	:	**SKAEW/BMMIL/FM/2026-27/0054**

RESULTS

Sl. NO.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu g/m^3$)	Standard
I. Beneficiation Plant-1						
1.	Near Iron Ore Bottom Hopper	0230	22.09.2026	23.09.2026	1852.2	2000
2.	Iron Ore Screen	0231	22.09.2026	23.09.2026	1328.12	2000
3.	Near Air Compressor	0232	22.09.2026	23.09.2026	309.42	2000
II. Pellet Plant-I						
4.	Near Pellet Plant	0233	22.09.2026	23.09.2026	968.45	2000
5.	Annual Cooler Pellet Discharge bin	0234	22.09.2026	23.09.2026	1946.98	2000
6.	Pellet Stock Yard	0239	23.09.2026	24.09.2026	507.87	2000
III. Sponge Iron Division-1(kiln 1 & 2)						
7.	Control Room SID-I	0246	24.09.2026	25.09.2026	1334.79	2000
8.	Near Product bin	0247	24.09.2026	25.09.2026	1107.42	2000
9.	Coal Feeding Area	0248	24.09.2026	25.09.2026	376.02	2000
IV. Induction Furnace & Rolling Mill						
10.	IF Office	0249	23.09.2026	24.09.2026	260.81	2000
11.	TMT Stock Yard	0250	23.09.2026	24.09.2026	280.06	2000
12.	RML Gasifier	0251	23.09.2026	24.09.2026	267.92	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	0252	24.09.2026	25.09.2026	300.60	2000
14.	25 MW ACC	0240	23.09.2026	24.09.2026	241.68	2000
VI. Site Services						
15.	PGP- Coal handling system	0216	21.09.2026	22.09.2026	242.57	2000
16.	IF Slag Crusher	0253	24.09.2026	25.09.2026	385.77	2000
17.	Main Gate	0257	25.09.2026	26.09.2026	303.08	2000
18.	Fly ash Dump	0217	21.09.2026	22.09.2026	198.45	2000

Note: SPM - Suspended Particulate matter ($\mu g/m^3$), **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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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Near Iron Ore Bottom Hopper
Time: 22.09.2026 09:36AM
599J+28,Danapuram
Lat/Long: Lat 15.172818 Long
76.375943


Iron Ore Screen


Time: 22.09.2026 09:43AM
Lat/Long: Lat 15.170116 Long
76.381329


Near Pellet Plant
Time: 22.09.2026 09:47AM
599J+WGG,Danapuram
Lat/Long: Lat 15.169826 Long
76.381329


Annual Cooler
Pellett Discharge Point
Time: 22.09.2026 09:51AM
599J+WGG,Danapuram
Lat/Long: Lat 15.169826 Long
76.381329


Pellet Stock Yard
Time: 23.09.2026 10:25AM
599M+93,Danapuram
Lat/Long: Lat 15.168401 Long
76.382697


IF Office
Time: 23.09.2026 10:37AM
Lat/Long: Lat 15.169663 Long
76.377215


TMT Stock Yard
Time: 23.09.2026 10:34AM
599G+VV9,Danapuram
Lat/Long: Lat 15.169663 Long
76.377215


RML Gasifier
Lat/Long: Lat 15.169663 Long
76.377215


Control Room SID-1


Near Product Bin
ENVIRO INSTRUMENTS


Coal Feeding Area
ENVIRO INSTRUMENTS


ENVIRO INSTRUMENTS


25 MW ACC
Time: 23.09.2026 10:48AM
114,Danapuram
Lat/Long: Lat 15.170421 Long
76.377371
ENVIRO INSTRUMENTS


59GM+X5,Danapuram
Lat/Long: Lat 15.177483 Long
76.382973
ENVIRO INSTRUMENTS

FUGITIVE EMISSION MONITORING ANNEXURE-8







SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**(1st Fort Night)**
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	**03.10.2026**
10	Report Number	:	**SKAEW/BMMIL/FM/2026-27/0028**

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM (µg/m³)	Standard
Blast Furnace						
1.	RMHS	0118	10.09.2026	11.09.2026	530.08	2000
2.	Stock House	0119	10.09.2026	11.09.2026	1692.2	2000
3.	Gas Network Area	0120	10.09.2026	11.09.2026	630.34	2000
4.	Blower Area	0141	11.09.2026	12.09.2026	668.41	2000
5.	Gas Cleaning plant (GCP)	0142	11.09.2026	12.09.2026	511.17	2000
6.	Stove Area	0143	11.09.2026	12.09.2026	466.91	2000
7.	Control ROOM (CR)	0144	11.09.2026	12.09.2026	988.24	2000
8.	Pig Costing Machine (PCM)	0145	12.09.2026	14.09.2026	1343.18	2000
9.	Slag Granulation Plant (SGP)	0146	12.09.2026	14.09.2026	353.47	2000
10.	Cost House Area	0145	11.09.2026	12.09.2026	641.00	2000
SMS Area						
1.	Stock House/Vibro Feeders	0148	12.09.2026	14.09.2026	1715.2	2000
2.	Laddle Tapping	0149	12.09.2026	14.09.2026	438.32	2000
3.	Slag pouring Area	0150	12.09.2026	14.09.2026	629.36	2000
MBM						
1.	Near Re-Heating Furnace	0151	12.09.2026	14.09.2026	334.28	2000

Note: SPM -Suspended Particulate matter (µg/m³), **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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.


ENVIRO INSTRUMENTS
BF-RMHS


ENVIRO INSTRUMENTS
Stock House
Time: 10.09.2026 10:00AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long 76.381158


ENVIRO INSTRUMENTS
Gas Network Area
09:50AM
Lat/Long Lat 15.173167 Long 76.37309


ENVIRO INSTRUMENTS
Blower Area
Time: 11.09.2026 09:34AM
114,Danapuram
Lat/Long Lat 15.170421 Long 76.377371


ENVIRO INSTRUMENTS
Time: 11.09.2026 09:36AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long 76.381158


Time: 11.09.2026 09:40AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.581158




MIND YOUR HEAD
ENVIRO INSTRUMENTS
HIGH VOLUME SAMPLER
MODEL NO. EI- 943


Slag Granulation Plant (SGP)
Time: 12.09.2026 09:40AM
Unnamed Road,Unnamed Road,Danapuram
Lat/Long: Lat 15.165983 Long
76.580568


ENVIRO INSTRUMENTS
HIGH VOLUME SAMPLER
MODEL NO. EI- 943
Cost House Area
Time: 11.09.2026 09:52AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.581158

FUGITIVE EMISSION MONITORING

ANNEXURE-9









SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**(1STFort Night)**
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	**03.10.2026**
10	Report Number	:	**SKAEW/BMMIL/FM/2026-27/0007**

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM (µg/m³)	Standard
I. Beneficiation Plant-II						
1.	Ball Mill Area (Zero Meter)	0009	01.09.2026	02.09.2026	259.37	2000
2.	Concentrate Thickner	0010	01.09.2026	02.09.2026	432.49	2000
3.	Near Cone Crusher	0011	01.09.2026	02.09.2026	755.74	2000
II. Pellet Plant						
4.	PR-6	0012	01.09.2026	02.09.2026	587.91	2000
5.	Annual Cooler Pellet Discharge bin	0013	01.09.2026	02.09.2026	522.84	2000
6.	Additive Grinding Building	0039	03.09.2026	04.09.2026	1725.46	2000
III. Sponge Iron Division -2 (Kiln 3 & 4)						
7.	Control room	0026	02.09.2026	03.09.2026	304.47	2000
8.	Near Weigh bridge (dispatch)	0027	02.09.2026	03.09.2026	1743.59	2000
9.	Transfer House area	0028	02.09.2026	03.09.2026	573.67	2000
10.	Production Separation Bin-PSB	0029	02.09.2026	03.09.2026	749.55	2000
11.	Pellet Storage bin	0030	02.09.2026	03.09.2026	1184.32	2000
IV. Sponge Iron Division -3 (Kiln 5 & 6)						
12.	Near Control room	0040	03.09.2026	04.09.2026	1565.5	2000
13.	Near Product bin	0041	03.09.2026	04.09.2026	469.17	2000
14.	Near Coal Crusher	0042	03.09.2026	04.09.2026	642.77	2000
15.	Coal Dryer	0054	04.09.2026	05.09.2026	190.28	2000

Note: SPM -Suspended Particulate matter (µg/m³), **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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.


Ball Mill Area (Zero Meter)
Time: 01.09.2026 09:11AM
114,Danapuram
Lat/Long: Lat 15.17
Long
76.377


Concentrate Thickner
Time: 01.09.2026 09:18AM
114,Danapuram
Lat/Long: Lat 15.170421 Long
76.377371


Near Cone crusher
Time: 01.09.2026 09:25AM
Lat/Long: Lat 15.17
Long
76.378673




Annual Cooler Pellet Discharge Point
Time: 01.09.2026 09:38AM
59CJ+2GP,Danapuram
Lat/Long: Lat 15.170663 Long
76.381

FUGITIVE EMISSION MONITORING ANNEXURE-10











FUGITIVE EMISSION MONITORING **ANNEXURE-10**











SHRI KRISHNA AQUA ENGINEERING WORKS

H NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**(1ST Fort Night)**
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	**03.10.2026**
10	Report Number	:	**SKAEW/BMMIL/FM/2026-27/0016**

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM (µg/m³)	Standard
V. Wagon Tipper/RMHS						
16.	Near Tipping point	0043	03.09.2026	04.09.2026	898.09	2000
17.	Monsoon Shed (CPU)	0055	04.09.2026	05.09.2026	289.30	2000
18.	MCC Room (2nd Gate)	0056	04.09.2026	05.09.2026	1214.75	2000
Power plant -70M						
19.	70MW-DM Plant (Near R.O. Plant)	0057	04.09.2026	05.09.2026	198.22	2000
20.	2ndgateweigh bridge Near Coal Screen	0066	05.09.2026	07.09.2026	994.33	2000
21.	CFBC boiler	0058	04.09.2026	05.09.2026	595.16	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	0067	05.09.2026	07.09.2026	234.88	2000
23.	Near Coal storage Shed	0068	05.09.2026	07.09.2026	1578.55	2000
24.	Dolochar Processing Area	0069	05.09.2026	07.09.2026	353.50	2000

Note: SPM -Suspended Particulate matter (µg/m³), **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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.


ENVIRO INSTRUMENTS
HIGH VOLUME SAMPLER
Google


Monsoon Shed (CPU)
Time: 04.09.2026 09:38AM
114,Danapuram
Lat/Long: Lat 15.170421 Long 76.377371
Google

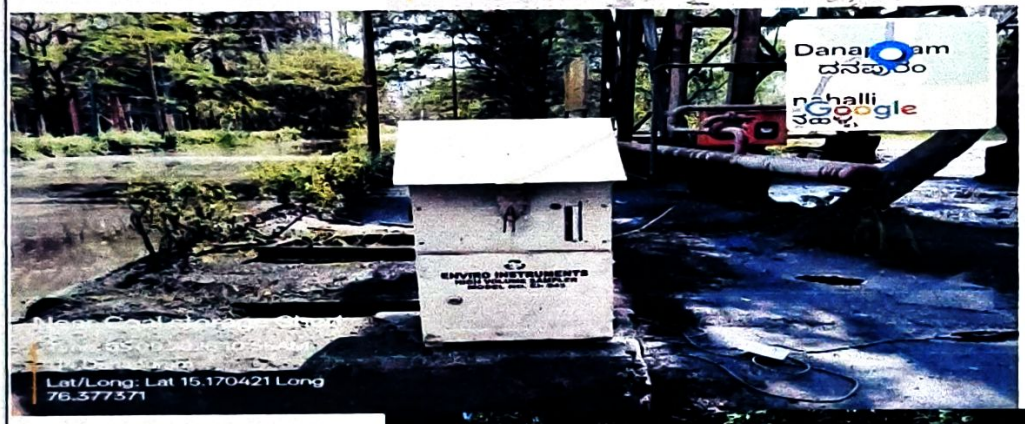

ENVIRO INSTRUMENTS
MCC Room (2nd Gate)
Time: 04.09.2026 09:49AM
59GF+6MR,Danapuram
Lat/Long: Lat 15.175593 Long 76.374145
Google


ENVIRO INSTRUMENTS
70MW-DM Plant (Near R.O. Plant)
Time: 04.09.2026 09:22AM
27MF+P9G,Anekallu Tanda
Lat/Long: Lat 15.034529 Long 76.273547
Google


ENVIRO INSTRUMENTS
Google


CFBC boiler
Time: 04 09 2026 09:30AM
114,Danapuram
Lat/Long: Lat 15.170421 Long 76.377371
ENVIRO INSTRUMENTS
HIGH VOLUME SAMPLER


ENVIRO INSTRUMENTS
HIGH VOLUME SAMPLER


Lat/Long: Lat 15.170421 Long 76.377371
ENVIRO INSTRUMENTS
HIGH VOLUME SAMPLER


CPP Dolocher Process Area
ENVIRO INSTRUMENTS
HIGH VOLUME SAMPLER

SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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-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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026(2ND Fort Night)**
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	**03.10.2026**
10	Report Number	:	**SKAEW/BMMIL/FM/2026-27/0046**

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM (µg/m³)	Standard
I. Beneficiation Plant-II						
1.	Ball Mill Area (Zero Meter)	0164	16.09.2026	17.09.2026	391.77	2000
2.	Concentrate Thickner	0165	16.09.2026	17.09.2026	717.28	2000
3.	Near Cone Crusher	0166	16.09.2026	17.09.2026	1763.3	2000
II. Pellet Plant-I						
4.	PR-6	0167	16.09.2026	17.09.2026	793.90	2000
5.	Annual Cooler Pellet Discharge bin	0168	16.09.2026	17.09.2026	615.77	2000
6.	Additive Grinding Building	0169	16.09.2026	17.09.2026	1744.39	2000
III. Sponge Iron Division -2 (Kiln 3&4)						
7.	Control room	0178	17.09.2026	18.09.2026	708.40	2000
8.	Near Weigh bridge (dispatch)	0179	17.09.2026	18.09.2026	1360.64	2000
9.	Transfer House area	0180	17.09.2026	18.09.2026	1126.85	2000
10.	Production Separation Bin-PSB	0181	17.09.2026	18.09.2026	1361.61	2000
11.	Pellet Storage bin	0182	17.09.2026	18.09.2026	1036.28	2000
IV. Sponge Iron Division -2 (Kiln 5&6)						
12.	Near Control room	0191	18.09.2026	19.09.2026	1466.35	2000
13.	Near Coal Crusher	0192	18.09.2026	19.09.2026	1847.2	2000
14.	Near Product bin	0193	18.09.2026	19.09.2026	1362.2	2000
15.	Coal Drier	0194	18.09.2026	19.09.2026	903.91	2000

Note: SPM -Suspended Particulate matter (µg/m³), **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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.


Ball Mill Area (Zero Meter)
Time: 16.09.2026 09:26AM
114,Danapuram
Lat/Long: Lat 15.170421 Long 76.377371
ENVIRO INSTRUMENTS


Concentrate Thickner
Time: 16.09.2026 09:32AM
114,Danapuram
Lat/Long: Lat 15.170421 Long 76.377371
ENVIRO INSTRUMENTS


Near Cone crusher
Time: 16.09.2026 09:36AM
59FH+FFW,Danapuram
Lat/Long: Lat 15.173697 Long 76.378673


PR-6
ENVIRO INSTRUMENTS


Annual Cooler Pellet Discharge Point
Time: 16.09.2026 09:48AM
59CJ+2GP,Danapuram
ENVIRO INSTRUMENTS


PLANT
ENVIRO INSTRUMENTS
Additive Grinding Building
Time: 16.09.2026 09:52AM
59CJ+2GP,Danapuram
Lat/Long: Lat 15.170683 Long
76.381921


ENVIRO INSTRUMENTS


ENVIRO INSTRUMENTS
Near Weigh bridge
(dispatch)
Time: 17.09.2026 09:57AM
59BJ+V3,Danapuram
Lat/Long: Lat 15.167273 Long
76.380153


ENVIRO INSTRUMENTS


ENVIRO INSTRUMENTS
Production Separation
Bin-PSB


Pellet Storage bin
Time: 17.09.2026 09:49AM
598J+V3,Danapuram
Lat/Long: Lat 15.167273 Long
78.380153
ENVIRO INSTRUMENTS


ENVIRO INSTRUMENTS


SID-3 Near Product bin
Time: 18.09.2026 09:39AM
59FH+FFW,Danapuram
Lat/Long: Lat 15.173697 Long
78.378673
ENVIRO INSTRUMENTS


ENVIRO INSTRUMENTS


Coal Dryer
Time: 18.09.2026 10:05AM
59GF+6MR,Danapuram
Lat/Long: Lat 15.175593 Long
78.374145
ENVIRO INSTRUMENTS

SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026(2ND Fort Night)**
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	**03.10.2026**
10	Report Number	:	**SKAEW/BMMIL/FM/2026-27/0050**

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM (µg/m³)	Standard
V. Wagon Tipper/RMHS						
16.	Near Tipping point	0195	18.09.2026	19.09.2026	1522.2	2000
17.	Monsoon Shed (CPU)	0202	19.09.2026	21.09.2026	1141.13	2000
18.	MCC Room (2nd Gate)	0203	19.09.2026	21.09.2026	1067.68	2000
VI. Power Plant-70 MW						
19.	70MW-DM Plant (Near R.O. Plant)	0204	19.09.2026	21.09.2026	272.04	2000
20.	2nd gateweigh bridge Near Coal Screen	0205	19.09.2026	21.09.2026	555.65	2000
21.	CFBC boiler	0206	19.09.2026	21.09.2026	305.84	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	0218	21.09.2026	22.09.2026	780.97	2000
23.	Near Coal storage Shed	0219	21.09.2026	22.09.2026	436.07	2000
24.	CPP Dolochar Process Area	0220	21.09.2026	22.09.2026	254.39	2000

Note: SPM -Suspended Particulate matter (µg/m³), **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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
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3. (*) Details as Furnished by Customer.
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Near Tipping point
Time: 18.09.2026 09:53AM
59FH+PFW,Danapuram
Lat/Long: Lat 15.173697 Long
76.378673
ENVIRO INSTRUMENTS


Monsoon Shed (CPU)
Time: 19.09.2026 12:00PM
ENVIRO INSTRUMENTS


MCC Room (2nd Gate)
Time: 19.09.2026 09:09PM
114,Danapuram
Lat/Long: Lat 15.170421 Long
76.377371
ENVIRO INSTRUMENTS


70MW-DM Plant (Near
R.O. Plant)
ENVIRO INSTRUMENTS


2nd Gate weigh bridge
(near coal screen)
Time: 19.09.2026 10:04PM
ENVIRO INSTRUMENTS


CFBC Boiler
19.09.2026 09:46AM
Google


ENVIRO INSTRUMENTS
HIGH VOLUME SAMPLER
MODEL NO. EI- 643
Google


Near Coal storage Shed
Time: 21.09.2026 10:31AM
Unnamed Road,Unnamed Road,Danapuram
Lat/Long: Lat 15.175289 Long 76.38866
ENVIRO INSTRUMENTS
Google


Unnamed Road,Unnamed Road,Danapuram
Lat/Long: Lat 15.176834 Long 76.386688
Google

SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026(2nd Fort Night)**
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	**03.10.2026**
10	Report Number	:	**SKAEW/BMMIL/FM/2026-27/0056**

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM (µg/m³)	Standard
Blast Furnace						
1.	RMHS	0258	25.09.2026	26.09.2026	329.13	2000
2.	Stock House	0259	25.09.2026	26.09.2026	1958.5	2000
3.	Gas Network Area	0260	25.09.2026	26.09.2026	391.67	2000
4.	Blower Area	0265	26.09.2026	28.09.2026	364.21	2000
5.	Gas Cleaning plant (GCP)	0261	25.09.2026	26.09.2026	300.98	2000
6.	Stove Area	0266	26.09.2026	28.09.2026	533.70	2000
7.	Control ROOM (CR)	0267	26.09.2026	28.09.2026	492.20	2000
8.	Pig Costing Machine (PCM)	0272	28.09.2026	29.09.2026	525.31	2000
9.	Slag Granulation Plant (SGP)	0273	28.09.2026	29.09.2026	477.26	2000
10.	Cost House Area	0268	26.09.2026	28.09.2026	560.47	2000
SMS Area						
1.	Stock House/Vibro Feeders	0274	28.09.2026	29.09.2026	1692.5	2000
2.	Laddle Tapping	0275	28.09.2026	29.09.2026	808.41	2000
3.	Slag pouring Area	0276	28.09.2026	29.09.2026	729.47	2000
MBM						
1.	Near Re-Heating Furnace		28.09.2026	29.09.2026	188.44	2000

Note: SPM -Suspended Particulate matter (µg/m³), **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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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anapuram
ದನಪು
ahalli
Google
ENVIRO INSTRUMENTS


anapuram
ದನಪು
ahalli
Google
ENVIRO INSTRUMENTS
Stock House
Time: 25.09.2026 09:37AM
598,J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.381158


anapuram
ದನಪು
ahalli
Google
ENVIRO INSTRUMENTS
Gas Netwer
Time: 25.09 2026
598,J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.381158


anapuram
ದನಪು
ahalli
Google
ENVIRO INSTRUMENTS
Blower Area
Time: 26.09.2026 09:21AM
598,J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.381158


anapuram
ದನಪು
ahalli
Google
ENVIRO INSTRUMENTS

FUGITIVE EMISSION MONITORING ANNEXURE-12











SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Pellet Plant -1 Furnace Waste gas exhaust ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	03.09.2026 & 18.09.2026
12	Date of Sample Analysis	:	04.09.2026 & 19.09.2026
13	Date of Sample Analysis completion	:	04.09.2026 & 19.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000010**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			02.09.2026	17.09.2026	
	Sample Code			0021	0174	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	59	56	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.32	6.54	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	32.15	27.87	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	161	148	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.021	0.019	1

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. 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 - 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.

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1ST 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.. 4500005206 DATED 05.06.2026
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 -1 Furnace Waste gas exhaust ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	03.09.2026 & 18.09.2026
12	Date of Sample Analysis	:	04.09.2026 & 19.09.2026
13	Date of Sample Analysis completion	:	04.09.2026 & 19.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0009**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			02.09.2026	17.09.2026	
	Sample Code			0021	0174	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	30	31	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3	43.0	41.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	310645	324055	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	346179	357812	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

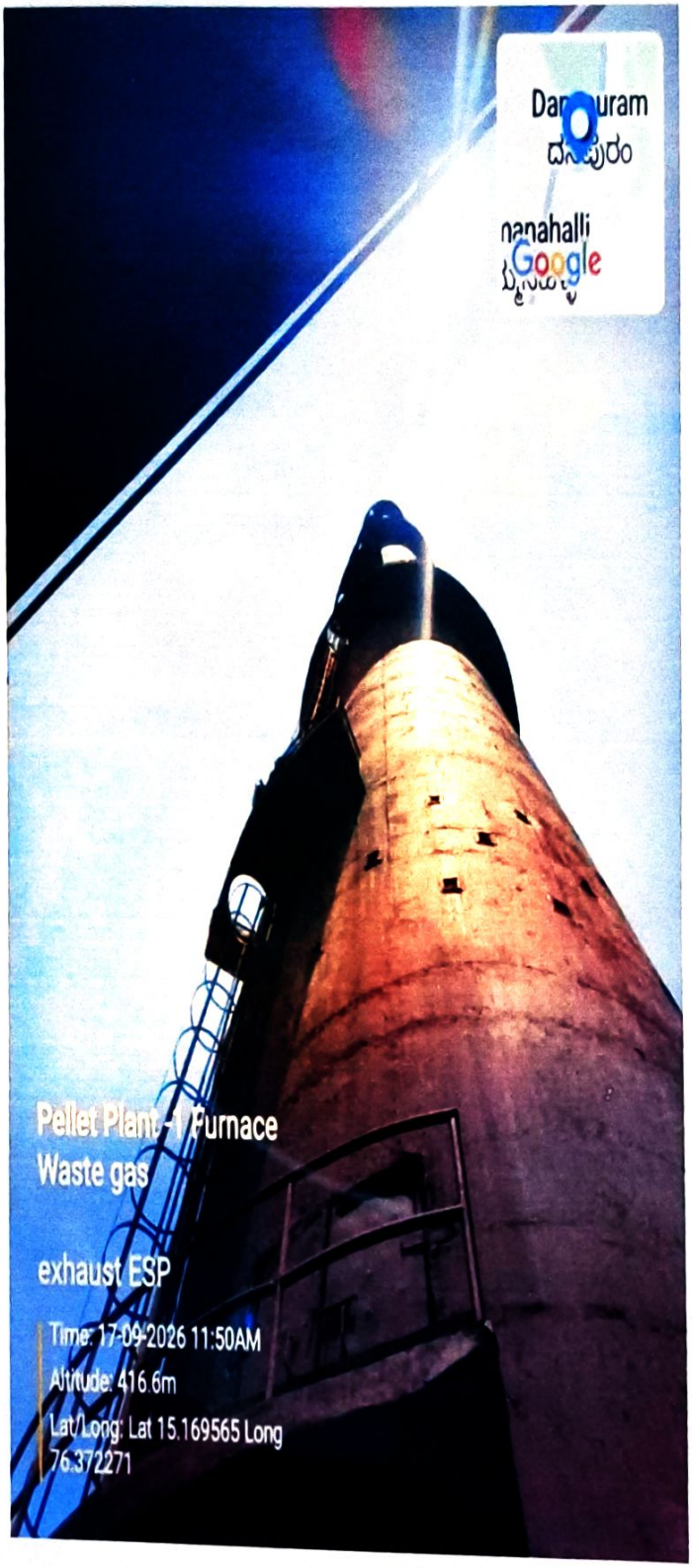
Mrs. Radha M Bengeri
Technical Manager

Note:
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STACK EMISSION LOCATIONS

Pellet Plant-1 ESP





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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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Rotary Kiln (1&2) 2*100 TPD ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	08.09.2026 & 23.09.2026
12	Date of Sample Analysis	:	09.09.2026 & 24.09.2026
13	Date of Sample Analysis completion	:	09.09.2026 & 24.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000021**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			07.09.2026	22.09.2026	
	Sample Code			0077	0227	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	175	167	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.78	6.68	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	18.52	16.58	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	315	348	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.167	0.172	1

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**Rotary Kiln (1&2) 2*100 TPD ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	08.09.2026 & 23.09.2026
12	Date of Sample Analysis	:	09.09.2026 & 24.09.2026
13	Date of Sample Analysis completion	:	09.09.2026 & 24.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**SKAEW/BMMIL/STACK/2026-27/0010**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			07.09.2026	22.09.2026	
	Sample Code			0077	0227	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	31.0	27.0	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3	69.0	62.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	51034	51163	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	76743	75572	-

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:
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STACK EMISSION LOCATIONS

2X100 TPD Sponge iron plant Kiln 1 & 2





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1ST 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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (1st Fort Night)-**
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	**03.10.2026**
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/Nm³	KSPCB Std mg/Nm³
Induction Furnace 1 & 2										
1	Induction Furnace 1	**Shutdown**	-	Electric Power	-	-	30	1.2	-	**150**
2	Induction Furnace 2	**Shutdown**	-		-	-	30	1.3	-	**150**

Sl. No	Induction Furnance 1 & 2	Gas flow Discharge rate at Stack Condition m³/hr	KSPCB Std
1	Induction Furnance 1	-	-
2	Induction Furnance 2	-	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026 (1st Fort Night)**
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	**03.10.2026**
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
Induction Furnace 1 & 2									
1	Induction Furnace 1	**Shutdown**	-	Electric Power	-	30	1.2	-	-
2	Induction Furnace 2	**Shutdown**	-		-	30	1.3	-	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Rolling Mill Reheating furnace**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	-

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			-	-	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	Shutdown	Shutdown	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec			-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3			50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3			NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%			1

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - Detection Limit.
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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	-

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			-	-	
	Sample Code			Shutdown	Shutdown	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C			-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3			NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr			-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr			-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**CPP-1 25 MW Fluidized Bed Combustion Boiler**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	**03.10.2026**
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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			-	-	
	Sample Code			-	-	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	Shut down	Shut down	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec			-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3			50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3			NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%			1

Note: NS- Not Specified. RA: Reaffirmed,

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	**03.10.2026**
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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			-	-	
	Sample Code			-	-	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	SHUT DOWN	SHUT DOWN	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3			NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr			-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr			-

Note: NS- Not Specified. RA: Reaffirmed,

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

TC-17231

ANNEXURE-18
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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (1st Fort Night)**
10	Date of Sample Received	:	10.09.2026
11	Date of Sample Analysis	:	11.09.2026
12	Date of Sample Analysis completion	:	11.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000025**

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant -I										
1	Iron ore feeding hopper	09.09.2026	0105	-	34	4.57	30	0.4	11.92	50
2	Iron Ore Screen (250 TPH)	09.09.2026	0106	-	35	5.17	30	0.4	14.72	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m³/hr	KSPCB Std
1	Iron Ore dump hopper	2068	-
2	Iron Ore Screen bin	2339	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - Detection Limit.
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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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026 (1st Fort Night)**
10	Date of Sample Received	:	10.09.2026
11	Date of Sample Analysis	:	11.09.2026
12	Date of Sample Analysis completion	:	11.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0012**

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature ^{o}C	Gas flow Discharge rate at NTP Nm^3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Beneficiation Plant -I						
1	Iron ore feeding hopper	09.09.2026	0105	29	2004	-
2	Iron Ore Screen (250 TPH)	09.09.2026	0106	32	2254	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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3. (*) Details as Furnished by Customer.
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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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (1st Fort Night)**
10	Date of Sample Received	:	10.09.2026
11	Date of Sample Analysis	:	11.09.2026
12	Date of Sample Analysis completion	:	11.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000026**

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
RMHS										
3	Screen, Coal Crusher (CPU)	Shutdown	-	-	-	-	35	1.5	-	50
4	Main Crusher	09.09.2026	0107	-	34	4.50	25	0.5	11.02	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m³/hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	-	-
4	Main Crusher	3182	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:
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1ST 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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 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	:	**SEPTEMBER-2026 (1st Fort Night)**
10	Date of Sample Received	:	10.09.2026
11	Date of Sample Analysis	:	11.09.2026
12	Date of Sample Analysis completion	:	11.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0017**

Sl. No	RMHS	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm^3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
RMHS						
3	Screen, Coal Crusher (CPU)	Shutdown		-	-	-
4	Main Crusher	09.09.2026	0107	31	3075	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

ANNEXURE-20A

Note:
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1ST 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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 Calibration Date: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (1st Fort Night)**
10	Date of Sample Received	:	03.09.2026 & 04.09.2026
11	Date of Sample Analysis	:	04.09.2026 & 05.09.2026
12	Date of Sample Analysis completion	:	04.09.2026 & 05.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000011**

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant -I										
5	RMHS for Additive Grinding Unit	02.09.2026	0022	-	34	4.68	6.5	0.5	**18.32**	**50**
6	Mixer area	02.09.2026	0023	-	35	4.86	3.0	0.3	**19.42**	**50**
7	Product transfer house	02.09.2026	0024	-	36	4.90	10	0.4	**21.84**	**50**
8	Pellet discharge point from annular cooler	03.09.2026	**0036**	-	33	4.75	6.5	0.5	**22.14**	**50**

Sl. No	Pellet Plant	Gas flow Discharge rate at Stack Condition m³/hr	KSPCB Std
5	RMHS for Additive Grinding Unit	3305	-
6	Mixer area	1238	-
7	Product transfer house	2217	-
8	Pellet discharge point from annular cooler	3360	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R-M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 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	:	**SEPTEMBER-2026 (1st Fort Night)**
10	Date of Sample Received	:	03.09.2026 & 04.09.2026
11	Date of Sample Analysis	:	04.09.2026 & 05.09.2026
12	Date of Sample Analysis completion	:	04.09.2026 & 05.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0018**

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm³/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant -I						
5	RMHS for Additive Grinding Unit	02.09.2026	0022	30	3205	-
6	Mixer area	02.09.2026	0023	31	1193	-
7	Product transfer house	02.09.2026	0024	32	2130	-
8	Pellet discharge point from annular cooler	03.09.2026	**0036**	29	3271	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

ANNEXURE-21A

Note:

1. All results pertain to the sample received and tested only.
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1ST 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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (1st Fort Night)**
10	Date of Sample Received	:	07.09.2026 & 08.09.2026
11	Date of Sample Analysis	:	08.09.2026 & 09.09.2026
12	Date of Sample Analysis completion	:	08.09.2026 & 09.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000019**

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 100 TPD Sponge Iron Kiln 1 & 2										
9	Cooler Discharge -1	05.09.2026	0062	---	36	4.71	30	1.20	25.76	50
10	Cooler Discharge -2	05.09.2026	0063	---	35	4.99	30	1.20	21.90	50
11	Junction House -1	07.09.2026	0078	---	34	5.07	30	1.20	23.96	50
12	Junction House -2	07.09.2026	0079	---	36	5.17	30	1.20	17.62	50
13	Coal Crusher	07.09.2026	0080	---	35	4.56	30	1.20	21.23	

Sl. No	2 X 100 TPD Sponge Iron Kiln 1 & 2	Gas flow Discharge rate at Stack Condition m³/hr	KSPCB Std
10	Cooler Discharge -1	19177	-
11	Cooler Discharge -2	20322	-
12	Junction House -1	20655	-
13	Junction House -2	21033	-
14	Coal Crusher	18554	-

Parameter	Protocol
Particulate Matter (mg/Nm³)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. 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 - Detection Limit.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 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	:	**SEPTEMBER-2026 (1st Fort Night)**
10	Date of Sample Received	:	07.09.2026 & 08.09.2026
11	Date of Sample Analysis	:	08.09.2026 & 09.09.2026
12	Date of Sample Analysis completion	:	08.09.2026 & 09.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0020**

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^3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 100 TPD Sponge Iron Kiln 1 & 2						
9	Cooler Discharge -1	05.09.2026	0062	32	18439	-
10	Cooler Discharge -2	05.09.2026	0063	31	19592	-
11	Junction House -1	07.09.2026	0078	31	20026	-
12	Junction House -2	07.09.2026	0079	32	20201	-
13	Coal Crusher	07.09.2026	0080	33	17866	

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 Calibration Date: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	**03.10.2026**
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/Nm³	KSPCB Std mg/Nm³
Induction Furnance 1 & 2										
1	Induction Furnance 1	Shutdown	-	Electric Power	-	-	30	1.2	-	50
2	Induction Furnance 2	Shutdown	-		-	-	30	1.3	--	50

SL No	Induction Furnance 1 & 2	Gas flow Discharge rate at NTP Nm³/hr	KSPCB Std
1	Induction Furnance 1	-	-
2	Induction Furnance 2	-	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	-

SL No	Induction Furnace 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm^3/hr	KSPCB Std
Induction Furnance 1 & 2						
1	Induction Furnance 1	**Shutdown**	-	-	-	-
2	Induction Furnance 2	**Shutdown**	-	-	-	-

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

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

SHRI KRISHNA AQUA ENGG WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 Calibration Date: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	01.10.2026
11	Date of Sample Analysis	:	03.10.2026
12	Date of Sample Analysis completion	:	03.10.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000059**

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant										
1	Iron ore feeding hopper	30.09.2026	0278	---	34	4.65	30	0.4	12.94	50
2	Iron Ore Screen (250 TPH)	30.09.2026	0279	---	34	5.05	30	0.4	13.68	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m³/hr	KSPCB Std
1	Iron ore feeding hopper	2102	-
2	Iron Ore Screen (250 TPH)	2285	-

Parameter	Protocol
Particulate Matter (mg/Nm³)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:
1. All results pertain to the sample received and tested only.
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1ST 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.: 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	01.10.2026
11	Date of Sample Analysis	:	03.10.2026
12	Date of Sample Analysis completion	:	03.10.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0019**

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm³/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Beneficiation Plant						
1	Iron ore feeding hopper	30.09.2026	0278	30	2038	-
2	Iron Ore Screen (250 TPH)	30.09.2026	0279	31	2211	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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1ST 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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 Calibration Date: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	29.09.2026
11	Date of Sample Analysis	:	30.09.2026
12	Date of Sample Analysis completion	:	30.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000058**

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
RMHS										
3	Screen, Coal Crusher (CPU)	Shutdown	-	-	-	-	30	1.50	-	50
4	Main Crusher	28.09.2026	0269	-	33	4.58	25	0.50	14.65	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m³/hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	Shutdown	-
4	Main Crusher	3240	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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1ST 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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 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	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	29.09.2026
11	Date of Sample Analysis	:	30.09.2026
12	Date of Sample Analysis completion	:	30.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0024**

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature ^{o}C	Gas flow Discharge rate at NTP Nm^3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
RMHS						
3	Screen, Coal Crusher (CPU)	Shutdown		-	-	
4	Main Crusher	28.09.2026	0269	30	3145	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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1ST 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-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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 Calibration Date: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	18.09.2026 &19.09.2026
11	Date of Sample Analysis	:	19.09.2026 &21.09.2026
12	Date of Sample Analysis completion	:	19.09.2026 &21.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000048**

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-I										
5	RMHS for Additive Grinding Unit	17.09.2026	0175	---	35	4.78	6.5	0.50	16.27	50
6	Mixer area	17.09.2026	0176	---	36	5.03	3.0	0.30	20.03	50
7	Product transfer house	17.09.2026	0177	---	37	4.87	10.0	0.40	22.26	50
8	Pellet discharge point from annular cooler	18.09.2026	0187	---	38	4.94	6.5	0.50	24.94	50

Sl. No	Pellet Plant-1	Gas flow Discharge rate at Stack Condition m³/hr	KSPCB Std
5	RMHS for Additive Grinding Unit	3383	-
6	Mixer area	1279	-
7	Product transfer house	2201	-
8	Pellet discharge point from annular cooler	3492	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:
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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	18.09.2026 &19.09.2026
11	Date of Sample Analysis	:	19.09.2026 &21.09.2026
12	Date of Sample Analysis completion	:	19.09.2026 &21.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0025**

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm³/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant-I						
5	RMHS for Additive Grinding Unit	17.09.2026	0175	31	3269	-
6	Mixer area	17.09.2026	0176	32	1230	-
7	Product transfer house	17.09.2026	0177	33	2108	-
8	Pellet discharge point from annular cooler	18.09.2026	0187	30	3341	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	26.09.2026 & 29.09.2026
11	Date of Sample Analysis	:	28.09.2026 & 30.09.2026
12	Date of Sample Analysis completion	:	28.09.2026 & 30.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000055**

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 m³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 100 TPD Sponge Iron Kiln 1 & 2										
9	Cooler Discharge-1	25.09.2026	0252-	---	35	4.83	30	1.20	22.73	**50**
10	Cooler Discharge-2	25.09.2026	0253	---	36	5.17	30	1.2	24.29	**50**
11	Junction House-1	25.09.2026	0254	---	37	5.06	30	1.2	27.72	**50**
12	Junction House-2	28.09.2026	0270	---	34	4.76	30	1.2	22.29	**50**
13	Coal Crusher	28.09.2026	0271	---	35	4.73	30	1.2	17.99	**50**

Sl. No	2 X 100 TPD Sponge Iron Kiln 1 & 2	Gas flow Discharge rate at Stack Condition m³/hr	KSPCB Std
9	Cooler Discharge-1	19655	-
10	Cooler Discharge-2	21064	-
11	Junction House-1	20600	-
12	Junction House-2	19401	-
13	Coal Crusher	19258	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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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.

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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026 (2nd Fort Night)**
10	Date of Sample Received	:	26.09.2026 & 29.09.2026
11	Date of Sample Analysis	:	28.09.2026 & 30.09.2026
12	Date of Sample Analysis completion	:	28.09.2026 & 30.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0025**

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^3/hr	KSPCB Std
10	Cooler Discharge-1	25.09.2026	0252-	31	18894	-
11	Cooler Discharge-2	25.09.2026	0253	32	20173	-
12	Junction House-1	25.09.2026	0254	33	19652	-
13	Junction House-2	28.09.2026	0270	29	18805	-
14	Coal Crusher	28.09.2026	0271	30	18591	

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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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.. 4500005206 Dated 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Pellet Plant-2 Combustions Furnace ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	02.09.2026
12	Date of Sample Analysis	:	03.09.2026
13	Date Sample Analysis Completion	:	03.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000005**

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
				1st Fort Night	
	Date of Sample Collected			01.09.2026	
	Sample Code			0005	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	64	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.51	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	28.17	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	181	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.016	1%

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 DATED 05.06.2026
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 Combustions Furnace ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	02.09.2026
12	Date of Sample Analysis	:	03.09.2026
13	Date Sample Analysis Completion	:	03.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0042**

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
	Date of Sample Collected			1st Fort Night	
	Sample Code			01.09.2026	
				0005	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3	68.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	315122	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	356504	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Pellet Plant-2 Combustions Furnace ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	19.09.2026
12	Date of Sample Analysis	:	21.09.2026
13	Date Sample Analysis Completion	:	21.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000005**

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
	Date of Sample Collected			2nd Fort Night	
	Sample Code			16.09.2026	
				0160	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	62.0	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.30	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	30.11	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	164.0	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.124	1%

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
1. All results pertain to the sample received and tested only.
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Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-27/1
Format No: SKAEW/7.8/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.. 4500005206 DATED 05.06.2026
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 Combustions Furnace ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	19.09.2026
12	Date of Sample Analysis	:	21.09.2026
13	Date Sample Analysis Completion	:	21.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0054**

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
	Date of Sample Collected			2nd Fort Night 16.09.2026	
	Sample Code			0160	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3	59.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	306910	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	345152	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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STACK EMISSION LOCATIONS

Pellet Plant-2 ESP





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1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**SID2- Rotary Kiln (3&4) 2*500 TPD ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	04.09.2026 &19.09.2026
12	Date of Sample Analysis	:	05.09.2026 & 21.09.2026
13	Date Sample Analysis Completion	:	05.09.2026 & 21.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000014**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			03.09.2026	18.09.2026	
	Sample Code			0037	0188	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	132	130	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.38	7.20	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	24.87	26.83	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	484	439	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.071	0.124	1%

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
1. All results pertain to the sample received and tested only.
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1ST 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/7.8/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.. 4500005206 DATED 05.06.2026
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	:	**SID2- Rotary Kiln (3&4) 2*500 TPD ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	04.09.2026 &19.09.2026
12	Date of Sample Analysis	:	05.09.2026 & 21.09.2026
13	Date Sample Analysis Completion	:	05.09.2026 & 21.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**SKAEW/BMMIL/STACK /2026-27/0045**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			03.09.2026	18.09.2026	
	Sample Code			0037	0188	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	29	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3	71.0	79.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	138151	135358	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	187780	183148	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
1. All results pertain to the sample received and tested only.
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3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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STACK EMISSION LOCATIONS

SID Axis 3&4





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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**2X500TPD Sponge iron kiln5&6 ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	21.09.2026
12	Date of Sample Analysis	:	22.09.2026
13	Date Sample Analysis Completion	:	22.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000051**

Stack Details

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

Sl. No.	Parameters	Method	Unit	Result	
				1st Fort Night	2nd Fort Night
	Date of Sample Collected				19.09.2026
	Sample Code				0198
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	Shutdown	127
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec		7.60
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm³		29.10
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm³		452
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%		0.210

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**2X500TPD Sponge iron kiln5&6 ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	21.09.2026
12	Date of Sample Analysis	:	22.09.2026
13	Date Sample Analysis Completion	:	22.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	-

Stack Details

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

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected				19.09.2026	
	Sample Code				0198	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	Shutdown	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3		54.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr		144025	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr		193373	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

STACK EMISSION LOCATIONS

SID Axis 5&6



SHRI KRISHNA AQUA ENGINEERING WORKS

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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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**CPP-1 70MW Fluidized Bed Combustion Boiler**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	05.09.2026
12	Date of Sample Analysis	:	07.09.2026
13	Date Sample Analysis Completion	:	07.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000017**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			04.09.2026		
	Sample Code			0049		
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	131	Shutdown	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.26		-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	30.26		50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	0.063		600
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.310		NS

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**CPP-1 70MW Fluidized Bed Combustion Boiler**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	05.09.2026
12	Date of Sample Analysis	:	07.09.2026
13	Date Sample Analysis Completion	:	07.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0039**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			04.09.2026		
	Sample Code			0049		
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	30	Shutdown	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3	219		NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	136113		-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	184796		-

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

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

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

SHRI KRISHNA AQUA ENGG WORKS VIDYANAGAR HUBBALLI 580 021

Note:
1. All results pertain to the sample received and tested only.
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1X70 MW CFBC Boiler ESP



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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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**CPP-2 2X70MW -CFBC Boiler 1 & 2 ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	07.09.2026 &22.09.2026
12	Date of Sample Analysis	:	08.09.2026 & 23.09.2026
13	Date Sample Analysis Completion	:	08.09.2026 & 23.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000020**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			05.09.2026	21.09.2026	
	Sample Code			0064	0213	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	127	126	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.33	7.57	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	35.40	37.34	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	52.0	49.0	600
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.059	0.048	NS

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**CPP-2 2X70MW -CFBC Boiler 1 & 2 ESP**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	07.09.2026 &22.09.2026
12	Date of Sample Analysis	:	08.09.2026 & 23.09.2026
13	Date Sample Analysis Completion	:	08.09.2026 & 23.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0041**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			05.09.2026	21.09.2026	
	Sample Code			0064	0213	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	30	28	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3	261	249	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	988591	1022371	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	1327317	1369419	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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STACK EMISSION LOCATIONS

2X70 MW/CFBC Boiler ESP





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1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**SMS Bag House**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	09.09.2026 & 26.09.2026
12	Date of Sample Analysis	:	10.09.2026 & 27.09.2026
13	Date Sample Analysis Completion	:	10.09.2026 & 27.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000023**

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
				1ST Fort Night	2nd Fort Night	
	Date of Sample Collected			08.09.2026	25.09.2026	
	Sample Code			0093	0255	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	75.0	71.0	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.88	7.85	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	37.92	39.64	50

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

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1ST 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.. 4500005206 DATED 05.06.2026
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 Bag House**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	09.09.2026 & 26.09.2026
12	Date of Sample Analysis	:	10.09.2026 & 27.09.2026
13	Date Sample Analysis Completion	:	10.09.2026 & 27.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0044**

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
	Date of Sample Collected			1st Fort Night	2nd Fort Night	
	Sample Code			08.09.2026	25.09.2026	
				0093	0255	
4	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	32	29	-
5	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	109656	110424	-
6	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	128274	127907	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

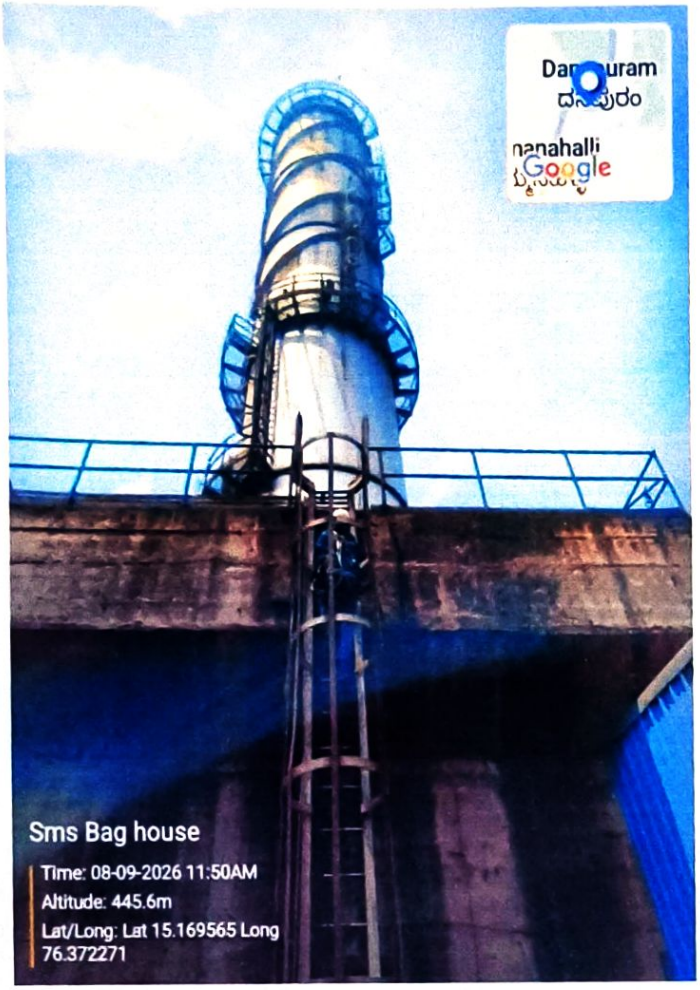
R.M. Bengeri

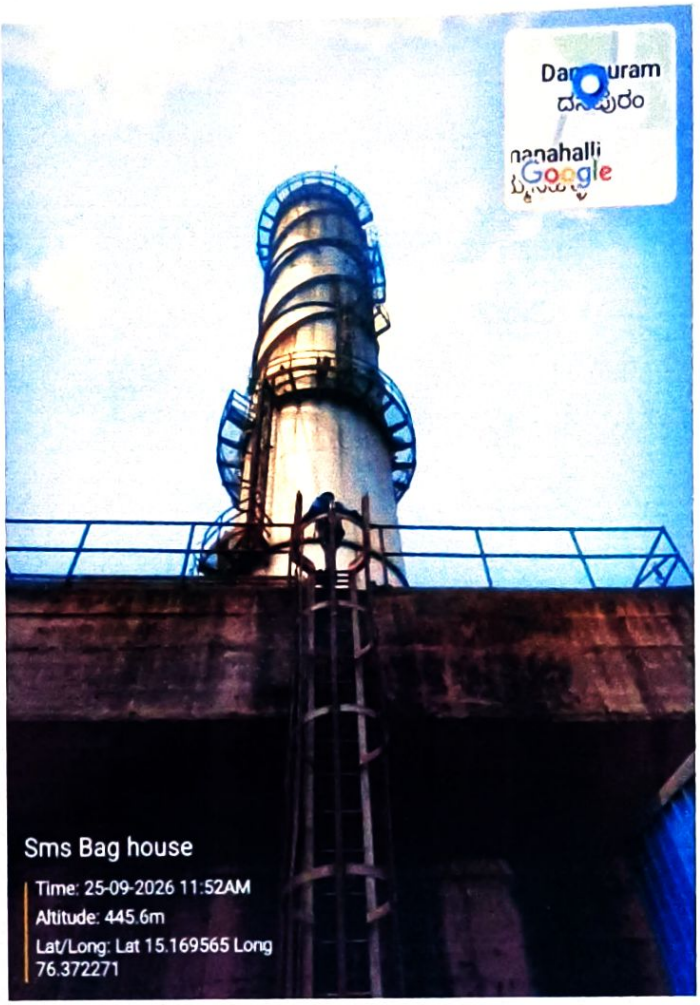
Mrs. Radha M Bengeri
Technical Manager

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.
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STACK EMISSION LOCATIONS

SMS





SHRI KRISHNA AQUA ENGINEERING WORKS

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1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**MBM Reheating Furnace**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	09.09.2026 & 26.09.2026
12	Date of Sample Analysis	:	10.09.2026 & 28.09.2026
13	Date Sample Analysis Completion	:	10.09.2026 & 28.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000024**

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
				1ST Fort Night	2nd Fort Night	
	Date of Sample Collected			08.09.2026	25.09.2026	
	Sample Code			0094	0256	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	130	132	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.42	7.27	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	10.11	10.94	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	271	264	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.409	0.398	<1%

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**MBM Reheating Furnace**
10	Month of Sampling	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	09.09.2026 & 26.09.2026
12	Date of Sample Analysis	:	10.09.2026 & 28.09.2026
13	Date Sample Analysis Completion	:	10.09.2026 & 28.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0049**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			08.09.2026	25.09.2026	
	Sample Code			0094	0256	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	33	31	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3	26.0	24.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	139163	135518	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	188893	184932	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

STACK EMISSION LOCATIONS

MBM Reheating Furnace





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1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	**Blast Furnance -Stove Waste Gas**
10	Month of Sampling	:	**SEPTEMBER -2026**
11	Date of Sample Received	:	12.09.2026 & 28.09.2026
12	Date of Sample Analysis	:	14.09.2026 & 29.09.2026
13	Date Sample Analysis Completion	:	14.09.2026 & 29.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**ULR-TC172312600000043**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			11.09.2026	26.09.2026	
	Sample Code			0138	0262	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^0C	152	142	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.69	7.16	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm^3	8.34	9.97	30.0
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm^3	449	461	200
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.544	0.519	<1%

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
11	Date of Sample Received	:	12.09.2026 & 28.09.2026
12	Date of Sample Analysis	:	14.09.2026 & 29.09.2026
13	Date Sample Analysis Completion	:	14.09.2026 & 29.09.2026
14	Report Issued Date	:	**03.10.2026**
15	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0051**

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
				1st Fort Night	2nd Fort Night	
	Date of Sample Collected			11.09.2026	26.09.2026	
	Sample Code			0138	0262	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	^0C	31	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm^3	74.0	79.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm^3/hr	186393	178015	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m^3/hr	266460	248070	-

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

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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Blast Furnance -Stove Waste Gas





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H NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring **(1st Fort Night)**
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	10.09.2026
11	Date of Sample Analysis	:	11.09.2026
12	Date Sample Analysis Completion	:	11.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000027**

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant-2										
1	Screen House	09.09.2026	0108	---	33	4.73	30	1.20	14.22	50
2	Junction House	SHUTDOWN	-	---	-	-	30	0.90	-	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m³/hr	KSPCB Std
1	Screen House	10825	-
2	Junction House	-	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 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	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	10.09.2026
11	Date of Sample Analysis	:	11.09.2026
12	Date Sample Analysis Completion	:	11.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0048**

RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm^3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Beneficiation Plant-2						
1	Screen House	09.09.2026	0108	29	10531	-
2	Junction House	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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1ST 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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler
5	Instrument Details	:	Sl. No: PT-25/2019 Calibration Date: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(**1st Fort Night**)
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	02.09.2026
11	Date of Sample Analysis	:	03.09.2026
12	Date Sample Analysis Completion	:	03.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000006**

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-II										
3	AGB main bag Filter	01.09.2026	0006	---	33	4.94	6.5	0.5	23.18	50
4	Mixer Area	01.09.2026	0007	---	35	4.73	6.5	0.5	21.64	50
5	Discharge Point from annular cooler	01.09.2026	0008	---	36	5.04	6.0	0.6	30.36	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m³/hr	KSPCB Std
3	AGB main bag Filter	3492	-
4	Mixer Area	3345	-
5	Discharge Point from annular cooler	3563	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
1. All results pertain to the sample received and tested only.
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H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	02.09.2026
11	Date of Sample Analysis	:	03.09.2026
12	Date Sample Analysis Completion	:	03.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0052**

RESULTS

SL No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant-II						
3	AGB main bag Filter	01.09.2026	0006	29	3397	
4	Mixer Area	01.09.2026	0007	31	3227	-
5	Discharge Point from annular cooler	01.09.2026	0008	32	3425	-

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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
1. All results pertain to the sample received and tested only.
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H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(1st Fort Night)
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	03.09.2026, 04.09.2026 & 05.09.2026
11	Date of Sample Analysis	:	04.09.2026, 05.09.2026 & 07.09.2026
12	Date Sample Analysis Completion	:	04.09.2026, 05.09.2026 & 07.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000015**

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 3& 4										
1	Cooler Discharge -1	03.09.2026	0038	---	35	4.93	30	1.20	22.18	50
2	Cooler Discharge -2	02.09.2026	0025	--	36	4.63	30	1.20	26.53	50
3	Coal stock house	Shutdown	-	---	-	-	30	1.20	-	50
4	Product Separation Bin-1A	04.09.2026	0050	---	34	5.05	30	1.20	28.16	50
5	Product Separation Bin-2A	04.09.2026	0051	---	36	4.89	30	1.20	31.21	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m³/hr	KSPCB Std
9	Cooler Discharge -1	20084	-
10	Cooler Discharge -2	18873	-
11	Coal stock house	Shutdown	-
12	PSB 1 System-1	20555	-
13	PSB 1 System-2	19898	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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SHRI KRISHNA AQUA ENGINEERING WORKS

H NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	03.09.2026, 04.09.2026 & 05.09.2026
11	Date of Sample Analysis	:	04.09.2026, 05.09.2026 & 07.09.2026
12	Date Sample Analysis Completion	:	04.09.2026, 05.09.2026 & 07.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0058**

RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 3& 4						
1	Cooler Discharge -1	03.09.2026	0038	31	19383	
2	Cooler Discharge -2	02.09.2026	0025	32	18148	-
3	Coal stock house	Shutdown	-	-	-	-
4	Product Separation Bin-1A	04.09.2026	0050	30	19911	
5	Product Separation Bin-2A	04.09.2026	0051	31	19111	

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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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,
1ST 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/7.8/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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(1st Fort Night)
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	05.09.2026
11	Date of Sample Analysis	:	07.09.2026
12	Date Sample Analysis Completion	:	07.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000018**

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 3& 4										
6	Transfer House	04.09.2026	0052	---	35	4.81	30	1.20	27.38	**50**
7	Product Bunker	04.09.2026	0053	---	34	4.52	30	1.20	23.58	**50**

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m³/hr	KSPCB Std
6	Transfer House	19579	-
7	Product Bunker	18421	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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SHRI KRISHNA AQUA ENGINEERING WORKS

H NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	05.09.2026
11	Date of Sample Analysis	:	07.09.2026
12	Date Sample Analysis Completion	:	07.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0050**

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 Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 3& 4						
6	Transfer House	04.09.2026	0052	31	18856	-
7	Product Bunker	04.09.2026	0053	30	17865	-

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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring **(1st Fort Night)**
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date Sample Analysis Completion	:	-
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	-

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TPD Sponge Iron Kiln 5&6										
1	Cooler Discharge-1	Shutdown	-	---	-	-	30	1.20	-	50
2	Cooler Discharge -2 & PSB Transfer Tower)	Shutdown	-	---	-	-	30	1.20	-	50
3	Product Bunker & Intermediate Bin	Shutdown	-	---	-	-	30	1.90	-	50
4	PSB Product Separation bin 1 & 2	Shutdown	-	---	-	-	30	1.90	-	50

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Gas flow rate at Stack Condition m³/hr	KSPCB Std
1	Cooler Discharge-1	-	-
2	Cooler Discharge -2 & PSB Transfer Tower)	-	-
3	Product Bunker & Intermediate Bin	-	-
4	PSB Product Separation bin 1 & 2	-	-

INFERENCE:

Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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SHRI KRISHNA AQUA ENGINEERING WORKS

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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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date Sample Analysis Completion	:	-
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	-

RESULTS

Sl. No	2X500 TPD Sponge Iron Kiln 5&6	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
1	Cooler Discharge-1	Shutdown	-	-	-	-
2	Cooler Discharge -2 & PSB Transfer Tower)	Shutdown	-	-	-	-
3	Product Bunker & Intermediate Bin	Shutdown	-	-	-	-
4	PSB Product Separation bin 1 & 2	Shutdown	-	-	-	-

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

INFERENCE:

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring **(1st Fort Night)**
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date Sample Analysis Completion	:	-
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	-

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TPD Sponge Iron Kiln 5&6										
1	Coal Primary Screen	Shutdown	-	---	-	-	30	1.20	-	50
2	Coal Stock House-1 & 2	Shutdown	-	---	-	-	30	1.20	-	50
3	Dolochar Storage Bin -1 & 2	Shutdown	-	---	-	-	30	1.90	-	50
4	Coal Injection (Kiln Inlet)	Shutdown	-	---	-	-	30	1.90	-	50
5	Fine Coal Injection (Kiln outlet)	Shutdown								

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Gas flow rate at Stack Condition m³/hr	KSPCB Std
1	Coal Primary Screen	Shutdown	-
2	Coal Stock House-1 & 2	Shutdown	-
3	Dolochar Storage Bin -1 & 2	Shutdown	-
4	Coal Injection (Kiln Inlet)	Shutdown	-
5	Fine Coal Injection (Kiln outlet)	Shutdown	

INFERENCE:

Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date Sample Analysis Completion	:	-
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	-

RESULTS

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2X500 TPD Sponge Iron Kiln 5&6						
1	Coal Primary Screen	Shutdown	-	-	-	-
2	Coal Stock House-1 & 2	Shutdown	-	-	-	-
3	Dolochar Storage Bin -1 & 2	Shutdown	-	-	-	-
4	Coal Injection (Kiln Inlet)	Shutdown	-	-	-	-
5	Fine Coal Injection (Kiln outlet)	Shutdown	-	-	-	-

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

INFERENCE:

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

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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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring **(1ST Fort Night)**
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	12.09.2026
11	Date of Sample Analysis	:	14.09.2026
12	Date Sample Analysis Completion	:	14.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000044**

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/Nm³	KSPCB Std mg/Nm³
Blast Furnance De-Dusting										
1	Blast Furnace Stock House	11.09.2026	0139	---	38	5.94	35	3.3	22.47	50
2	Blast Furnace Cost House	11.09.2026	0140	---	42	6.70	35	3.3	32.20	50

SL No	Beneficiation Plant	Gas flow rate at Stack Condition m³/hr	KSPCB Std
1	Blast Furnace Stock House	183027	-
2	Blast Furnace Cost House	206427	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG WORKS VIDYANAGAR HUBBALLI 580 021

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

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1ST 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/A
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.. 4500005206 DATED 05.06.2026
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 (2nd Fort Night)
9	Month of Sampling	:	SEPTEMBER-2026
10	Date of Sample Received	:	12.09.2026
11	Date of Sample Analysis	:	14.09.2026
12	Date Sample Analysis Completion	:	14.09.2026
13	Report Issued Date	:	03.10.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/0057

RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Blast Furnance De-Dusting						
1	Blast Furnace Stock House	11.09.2026	0139	31	174707	-
2	Blast Furnace Cost House	11.09.2026	0140	33	194465	-

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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring **(2nd Fort Night)**
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	01.10.2026
11	Date of Sample Analysis	:	03.10.2026
12	Date Sample Analysis Completion	:	03.10.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000060**

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant-2										
1	Screen House	30.09.2026	0280	---	32	4.85	30	0.9	16.88	50
2	Junction House	Shutdown	-	---	-	-	30	1.2	-	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m³/hr	KSPCB Std
1	Iron Ore Cone Crusher	11099	-
2	Iron Ore Screening	Shutdown	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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,
1ST 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.. 4500005206 DATED 05.06.2026
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 **(2nd Fort Night)**
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	01.10.2026
11	Date of Sample Analysis	:	03.10.2026
12	Date Sample Analysis Completion	:	03.10.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0043**

RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Beneficiation Plant-2						
1	Screen House	30.09.2026	0280	28	10841	-
2	Junction House	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (2nd Fort Night)
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	17.09.2026
11	Date of Sample Analysis	:	18.09.2026
12	Date Sample Analysis Completion	:	18.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000045**

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-2										
3	AGB main bag Filter	16.09.2026	0161	---	34	4.82	6.5	0.50	20.95	**50**
4	Mixer Area	16.09.2026	0162	---	36	4.91	6.5	0.50	19.07	**50**
5	Discharge Point from annular cooler	16.09.2026	0163	---	37	5.06	20	0.5	27.07	**50**

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m³/hr	KSPCB Std
3	AGB main bag Filter	3409	-
4	Mixer Area	3474	-
5	Discharge Point from annular cooler	3580	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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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.

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1ST 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.. 4500005206 DATED 05.06.2026
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 (2nd Fort Night)
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	17.09.2026
11	Date of Sample Analysis	:	18.09.2026
12	Date Sample Analysis Completion	:	18.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0059**

RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature ^{O}C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant-2						
3	AGB main bag Filter	16.09.2026	0161	30	3304	-
4	Mixer Area	16.09.2026	0162	32	3338	-
5	Discharge Point from annular cooler	16.09.2026	0163	33	3427	-

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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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
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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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(2nd Fort Night)
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	19.09.2026 & 21.09.2026
11	Date of Sample Analysis	:	21.09.2026 & 22.09.2026
12	Date Sample Analysis Completion	:	21.09.2026 & 22.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000049**

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 3 & 4										
1	Cooler Discharge -1	18.09.2026	0189	Coal	36	4.77	30	1.2	21.49	50
2	Cooler Discharge -2	18.09.2026	0190	Coal	37	4.91	30	1.2	23.23	50
3	Coal stock house	Shutdown	-	Coal	-	-	30	1.2	-	50
4	Product Separation Bin-1A	19.09.2026	0199	Coal	35	5.00	30	1.2	31.01	50
5	Product Separation Bin-2A	19.09.2026	0200	Coal	37	4.82	30	1.2	30.26	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m³/hr	KSPCB Std
1	Cooler Discharge -1	19427	-
2	Cooler Discharge -2	19999	-
3	Coal stock house	Shutdown	-
4	Product Separation Bin-1A	20253	-
5	Product Separation Bin-2A	20115	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 DATED 05.06.2026
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 **(2nd Fort Night)**
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	19.09.2026 & 21.09.2026
11	Date of Sample Analysis	:	21.09.2026 & 22.09.2026
12	Date Sample Analysis Completion	:	21.09.2026 & 22.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0053**

RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 3 & 4						
1	Cooler Discharge -1	18.09.2026	0189	32	18657	-
2	Cooler Discharge -2	18.09.2026	-0190	23	19131	-
3	Coal stock house	Shutdown	-	-	-	-
4	Product Separation Bin-1A	19.09.2026	0199	31	19673	
5	Product Separation Bin-2A	19.09.2026	0200	33	18807	

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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (2nd Fort Night)
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	21.09.2026 & 22.09.2026
11	Date of Sample Analysis	:	22.09.2026 & 23.09.2026
12	Date Sample Analysis Completion	:	22.09.2026 & 23.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000052**

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 3 & 4										
6	Transfer House	19.09.2026	0201	Coal	38	4.97	30	1.2	25.61	50
7	Product Bunker	21.09.2026	0214	Coal	33	4.94	30	1.2	19.78	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m³/hr	KSPCB Std
14	Transfer House	20253	-
15	Product Bunker	20115	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

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1ST 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.. 4500005206 DATED 05.06.2026
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 (2nd Fort Night)
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	21.09.2026 & 22.09.2026
11	Date of Sample Analysis	:	22.09.2026 & 23.09.2026
12	Date Sample Analysis Completion	:	22.09.2026 & 23.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**KAEW/BMMIL/STACK /2026-27/0055**

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 Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 3 & 4						
6	Transfer House	19.09.2026	0201	34	19328	-
7	Product Bunker	21.09.2026	0214	29	19566	-

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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

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H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring **(2nd Fort Night)**
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	22.09.2026 & 23.09.2026
11	Date of Sample Analysis	:	23.09.2026 & 24.09.2026
12	Date Sample Analysis Completion	:	23.09.2026 & 24.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000053**

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TSP Sponge Iron Kiln 5 & 6										
1	Cooler Discharge-1	SHUTDOWN	---	---	-	-	30	1.20	-	50
2	Cooler Discharge -2 & PSB Transfer Tower)	21.09.2026	0215	---	35	5.20	30	1.20	29.56	50
3	Product Bunker & Intermediate Bin	22.09.2026	0228	---	33	5.11	30	1.90	32.26	50
4	PSB Product Separation bin 1 & 2	22.09.2026	0229	---	37	5.27	30	1.90	35.21	50
5	Coal Primary Screen	SHUTDOWN	---	---	-	-	30	1.20	-	50

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Gas flow rate at Stack Condition m³/hr	KSPCB Std
1	Cooler Discharge-1	SHUTDOWN	-
2	Cooler Discharge -2 & PSB Transfer Tower)	21159	-
3	Product Bunker & Intermediate Bin	52122	-
4	PSB Product Separation bin 1 & 2	53784	-
5	Coal Primary Screen	SHUTDOWN	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE:.

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

SHRI KRISHNA AQUA ENGG WORKS VIDYANAGAR HUBBALLI 580 021

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.
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SHRI KRISHNA AQUA ENGINEERING WORKS

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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.. 4500005206 DATED 05.06.2026
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(2nd Fort Night)
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	22.09.2026 & 23.09.2026
11	Date of Sample Analysis	:	23.09.2026 & 24.09.2026
12	Date Sample Analysis Completion	:	23.09.2026 & 24.09.2026
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	-

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 Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2X500 TSP Sponge Iron Kiln 5 & 6						
1	Cooler Discharge-1	SHUTDOWN	-	-	-	
2	Cooler Discharge -2 & PSB Transfer Tower)	21.09.2026	0215	30	20397	-
3	Product Bunker & Intermediate Bin	22.09.2026	0228	28	50699	-
4	PSB Product Separation bin 1 & 2	22.09.2026	0229	31	51478	-
5	Coal Primary Screen	SHUTDOWN	-	-	-	-

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

INFERENCE:.

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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SHRI KRISHNA AQUA ENGINEERING WORKS

H NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
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: 04.09.2026 Calibration Due Date: 03.09.2027
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring **(2nd Fort Night)**
9	Month of Sampling	:	**SEPTEMBER-2026**
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date Sample Analysis Completion	:	-
13	Report Issued Date	:	**03.10.2026**
14	Report Number	:	-

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/Nm³	KSPCB Std mg/Nm³
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TSP Sponge Iron Kiln 5 & 6										
1	Coal Primary Screen	SHUTDOWN	---	---	-	-	-	-	-	50
2	Coal Stock House-1 & 2	SHUTDOWN	---	---	-	-	-	-	-	50
3	Dolochar Storage Bin -1 & 2	SHUTDOWN	---	---	-	-	-	-	-	50
4	Coal Injection (Kiln Inlet)	SHUTDOWN	---	---	-	-	-	-	-	50
5	Fine Coal Injection (Kiln outlet)	SHUTDOWN	---	---	-	-	-	-	-	

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Gas flow rate at Stack Condition m³/hr	KSPCB Std
19	Coal Primary Screen	SHUTDOWN	-
20	Coal Stock House-1 & 2	SHUTDOWN	-
21	Dolochar Storage Bin -1 & 2	SHUTDOWN	-
22	Coal Injection (Kiln Inlet)	SHUTDOWN	-
23	Fine Coal Injection (Kiln outlet)	SHUTDOWN	-

Parameter	Protocol
Particulate Matter (mg/Nm3)	IS: 11255 (Part 1) - 1985 (RA 2019)
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE:

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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-47A
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.. 4500005206 DATED 05.06.2026
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 (2nd Fort Night)
9	Month of Sampling	:	SEPTEMBER-2026
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date Sample Analysis Completion	:	-
13	Report Issued Date	:	03.10.2026
14	Report Number	:	-

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2X500 TSP Sponge Iron Kiln 5 & 6						
1	Coal Primary Screen	SHUTDOWN	-	-	-	
2	Coal Stock House-1 & 2	SHUTDOWN	-	-	-	-
3	Dolochar Storage Bin -1 & 2	SHUTDOWN	-	-	-	-
4	Coal Injection (Kiln Inlet)	SHUTDOWN	-	-	-	-
5	Fine Coal Injection (Kiln outlet)	SHUTDOWN	-	-	-	-

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

INFERENCE:

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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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.. 4500005206 Dated 05.06.2026
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
Instrument Details	:	Make : Kusam Meco , Model: KM929MK1 Date of Calibration: 16.03.2026 Calibration Due Date:15.03.2027
Month	:	**SEPTEMBER-2026**
Report Issue Date	:	**03.10.2026**
Method Adopted	:	IS 9989-1981 Reaffirmed 2023
Report No	:	**ULR-TC172312600000008**

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		
				Day Time		Standard
				Min	Max	
1	Main Gate	07.09.2026	0086	48.6	55.6	75
2	Blast Furnace Blower House Entrance	01.09.2026	0014	68.0	72.0	75
3	Blast Furnace 7th Gate	02.09.2026	0031	45.1	47.7	75
4	Gunda Railway Station	08.09.2026	0100	50.1	54.0	75
5	Railway Siding	05.09.2026	0070	62.1	65.9	75
6	SMS-Vibro Feeders	03.09.2026	0044	68.1	72.8	75
7	Bricks Plant	05.09.2026	0071	49.1	52.7	75
8	Kempuhalla (Wagon Tippler)	07.09.2026	0087	56.4	63.1	75
9	Danapura Bridge	08.09.2026	0101	65.0	69.2	75
10	2nd Gate	08.09.2026	0102	45.0	48.5	75
11	MBM-Scale pit	04.09.2026	0059	63.2	66.2	75
12	Dispatch (Truck Parking Area)	04.09.2026	0050	65.1	69.0	75
13	Blast Furnace Stock House	03.09.2026	0045	65.2	69.4	75
14	Blast Furnace Cost House	02.09.2026	0021	56.0	65.2	75
15	Blast Furnace Gas Cleaning Plant	01.09.2026	0015	66.2	72.6	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING





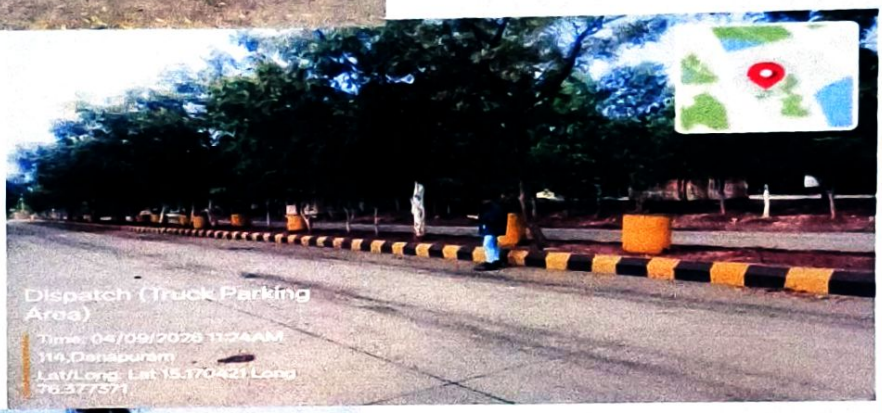






FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING









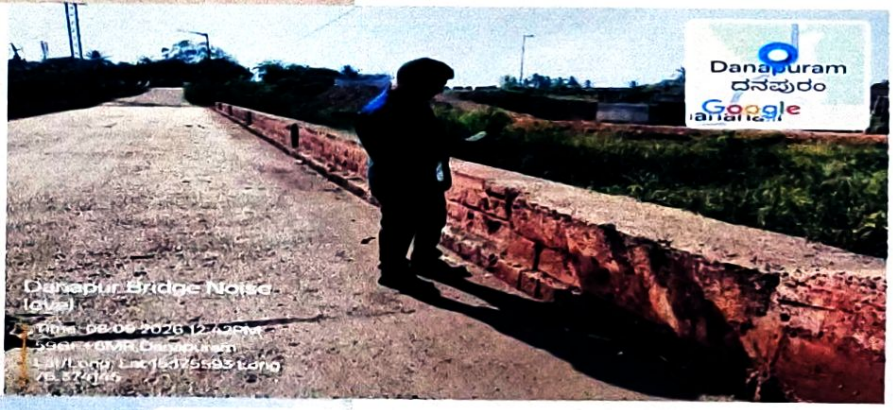


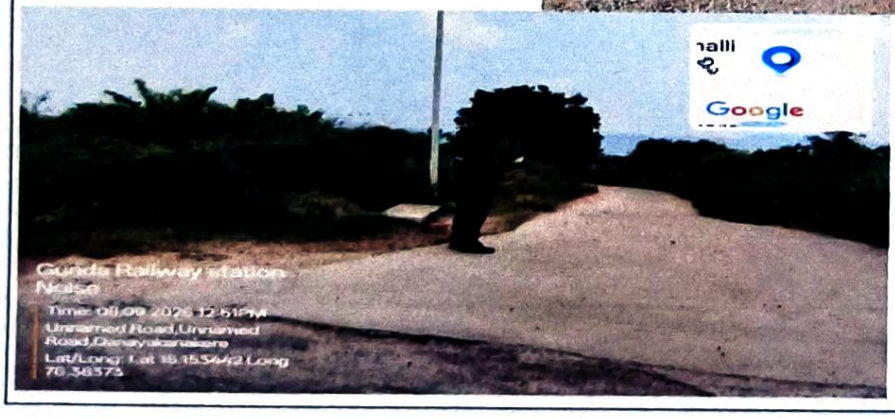
FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING











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H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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-48
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.. 4500005206 Dated 05.06.2026
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
Instrument Details	:	Make : Kusam Meco , Model: KM929MK1 Date of Calibration: 16.03.2026 Calibration Due Date:15.03.2027
Month	:	**SEPTEMBER-2026**
Report Issue Date	:	**03.10.2026**
Method Adopted	:	IS 9989-1981 Reaffirmed 2023
Report No	:	**ULR-TC172312600000047**

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		
				Day Time		Standard
				Min	Max	
1	Main Gate	22.09.2026	0235	49.0	53.6	75
2	Blast Furnace Blower House Entrance	16.09.2026	0170	67.0	69.8	75
3	Blast Furnace 7th Gate	17.09.2026	0183	45.0	49.0	75
4	Gunda Railway Station	23.09.2026	0241	50.0	54.8	75
5	Railway Siding	21.09.2026	0221	62.0	66.3	75
6	SMS-Vibro Feeders	18.09.2026	0196	69.2	72.6	75
7	Bricks Plant	21.09.2026	0222	49.0	52.8	75
8	Kempuhalla (Wagon Tippler)	22.09.2026	0236	60.2	63.0	75
9	Danapura Bridge	23.09.2026	0242	65.1	68.9	75
10	2nd Gate	23.09.2026	0243	47.0	52.8	75
11	MBM-Scale pit	19.09.2026	0207	64.1	68.9	75
12	Dispatch (Truck Parking Area)	19.09.2026	0208	65.0	68.5	75
13	Blast Furnace Stock House	18.09.2026	0197	66.0	69.5	75
14	Blast Furnace Cost House	17.09.2026	0184	56.0	59.5	75
15	Blast Furnace Gas Cleaning Plant	16.09.2026	0171	69.4	72.4	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. 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.
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SECOND FORT NIGHT INSIDE PLANT NOISE MONITORING











SECOND FORTNIGHT INSIDE PLANT NOISE MONITORING











SECOND FORT NIGHT INSIDE PLANT NOISE MONTORING











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H NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 Dated 05.06.2026
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
Instrument Details	:	Make : Kusam Meco , Model: KM929MK1 Date of Calibration: 16.03.2026 Calibration Due Date:15.03.2027
Month	:	**SEPTEMBER-2026**
Report Issue Date	:	**03.10.2026**
Method Adopted	:	IS 9989-1981 Reaffirmed 2023
Report No	:	**ULR-TC172312600000009**

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	01.09.2026	0016	48.1	53.6	51.44	55	38.6	44.4	41.36	45
2	Mariyammana Halli	03.09.2026	0046	49.9	57.1	54.38		40.2	45.6	42.84	
3	Hanumana Halli	02.09.2026	0033	48..6	56.4	53.12		38.9	43.8	40.06	
4	Galemmanagudi	04.09.2026	0061	47.0	57.6	54.06		40.8	43.6	40.31	
5	G. Nagalapura Village	05.09.2026	0072	45.4	53.2	50.14		38.1	40.4	39.22	
6	Gunda Tanda Village	07.09.2026	0088	48.6	54.1	52.38		37.6	40.2	38.94	

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

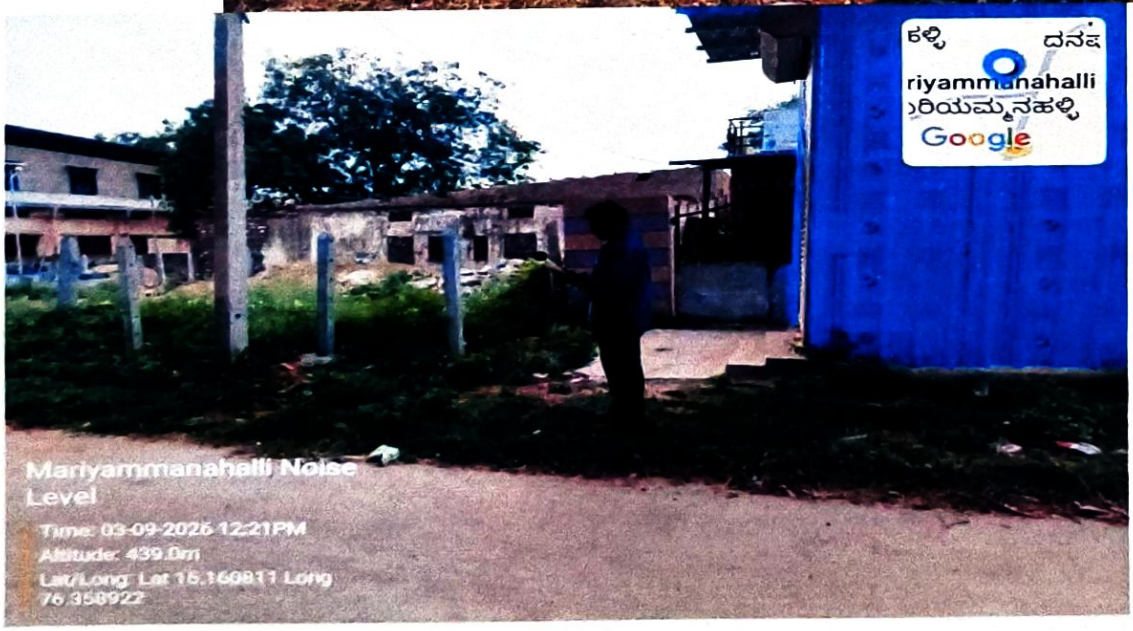
Mrs. Radha M Bengeri
Technical Manger

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AMBIENT NOISE MONITORING

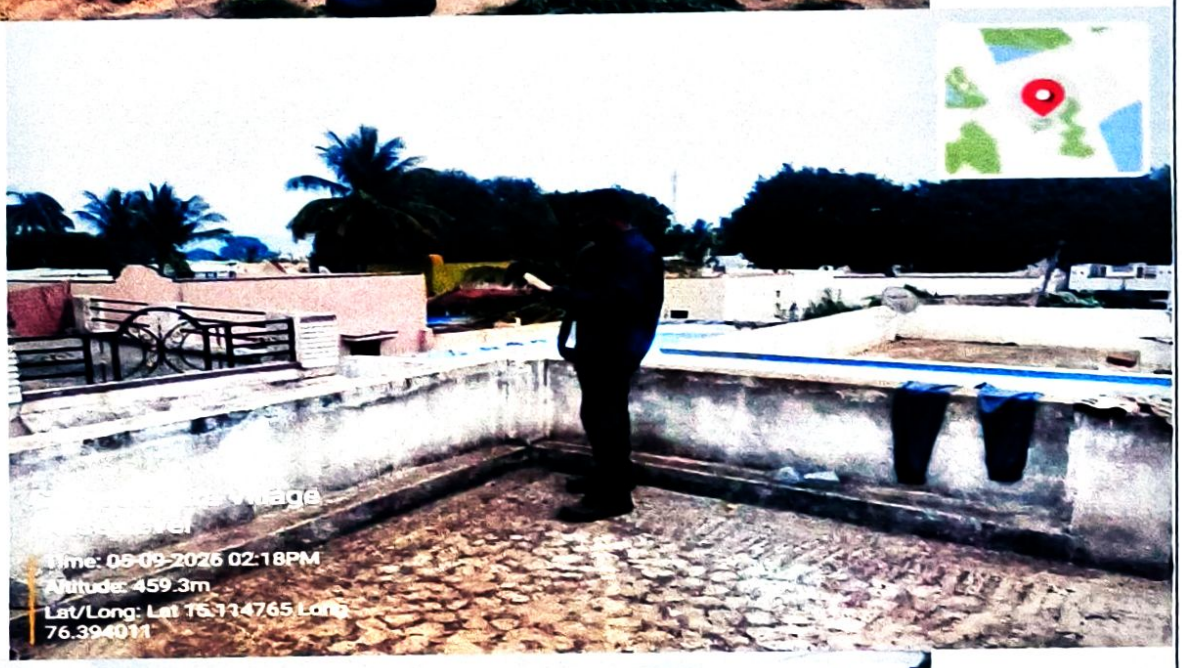


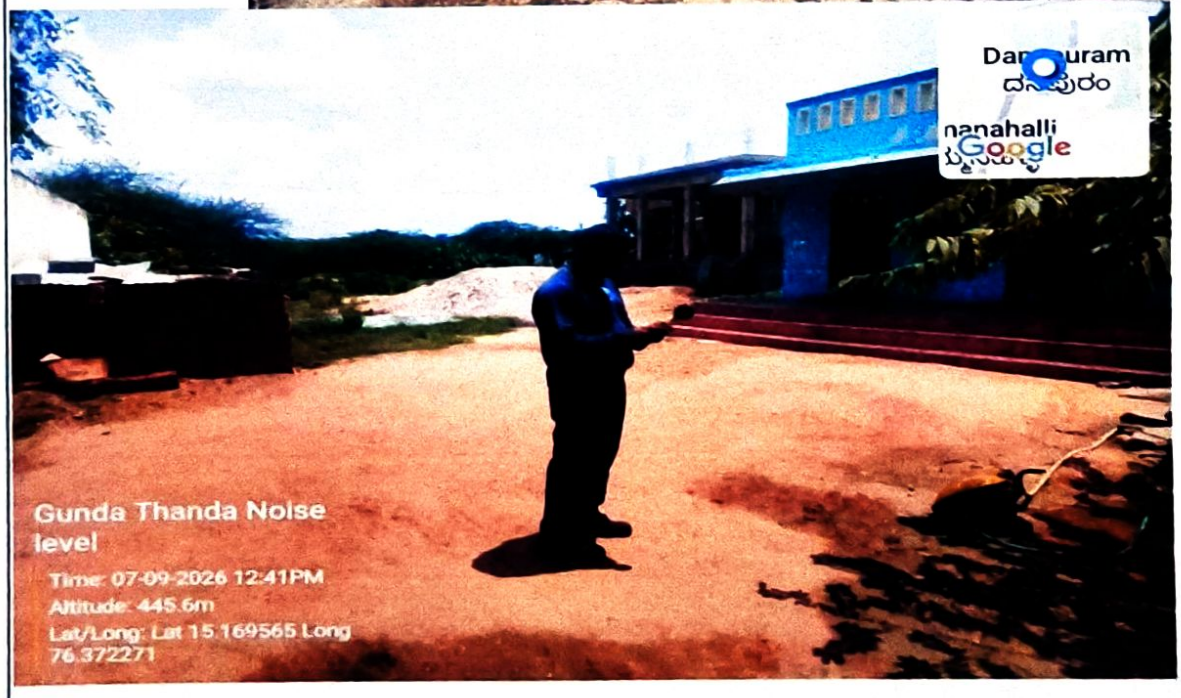




AMBIENT NOISE MONITORING







SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST 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.. 4500005206 Dated 05.06.2026
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	:	**0121**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000029**

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	-	7.31	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	1790	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	895	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	9.33	-	-
6.	Sulphate as SO_4	IS 3025 Part 24 Sec 1: 2022	mg/L	217.90	200max	400max
7.	Phosphorusas P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.22	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	172	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	5.12	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	145.6	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	38.88	30max	100max
12.	Total Hardness as $CaCO_3$	IS 3025 Part 21: 2009	mg/L	524	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	228.48	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	1.02	1 max	1.5 max

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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

TC-17231

15.	Nitrate as NO3-N	IS 3025 Part 34 Sec 1: 2023	mg/L	1.39	45max	NR
						ANNEXURE-50
16.	Total Alkalinity as CaCO3	IS 3025 Part 23: 2023	mg/L	**459.8**	200max	600max
17.	Acidity as $CaCO_3$	IS 3025 Part 22: 2024	mg/L	**42**	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	**0.73**	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	**0.02**	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	**1**	5max	15max

Note: GW1: Danapur Village. **NR**-No relaxation.

INFERENCE	**As per Standards IS: 10500:2012** **Report Status: - Measured Values for the above parameters are within the limits.**

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - 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.

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1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

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.. 4500005206 DATED 05.06.2026
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	:	**0121**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/GW/2026-27/0029**

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

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1ST 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.. 4500005206 Dated 05.06.2026
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	:	**0122**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000030**

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	-	7.46	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	2950	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1475	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_4	IS 3025 Part 24 Sec 1: 2022	mg/L	200.50	200max	400max
7.	Phosphorusas P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.32	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	360	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	9.12	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	193.6	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	28.67	30max	100max
12.	Total Hardness as $CaCO_3$	IS 3025 Part 21: 2009	mg/L	602	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	388.94	250max	1000 max

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.

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1ST 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

14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.94	1 max	1.5 max
						ANNEXURE-51
15.	Nitrate as NO3-N	IS 3025 Part 34 Sec 1: 2023	mg/L	2.18	45max	NR
16.	Total Alkalinity as CaCO3	IS 3025 Part 23: 2023	mg/L	497.8	200max	600max
17.	Acidity as $CaCO_3$	IS 3025 Part 22: 2024	mg/L	56	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	1.08	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.02	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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. 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 - 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.

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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**0122**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/GW/2026-27/0030**

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 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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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.. 4500005206 Dated 05.06.2026
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	:	**0123**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000031**

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	-	7.65	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	1940	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	970	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	12.25	-	-
6.	Sulphate as SO_4	IS 3025 Part 24 Sec 1: 2022	mg/L	158.63	200max	400max
7.	Phosphorusas P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.17	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	28.0	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	5.36	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	176.8	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	28.67	30max	100max
12.	Total Hardness as $CaCO_3$	IS 3025 Part 21: 2009	mg/L	560	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	481.38	250max	1000 max

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.

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1ST 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

14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.55	1 max	1.5 max
						ANNEXURE-52
15.	Nitrate as NO3-N	IS 3025 Part 34 Sec 1: 2023	mg/L	**1.49**	45max	NR
16.	Total Alkalinity as CaCO3	IS 3025 Part 23: 2023	mg/L	**494**	200max	600max
17.	Acidity as $CaCO_3$	IS 3025 Part 22: 2024	mg/L	**44**	-	-
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.

INFERENCE	**As per Standards IS: 10500:2012** **Report Status: - Measured Values for the above parameters are within the limits.**

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - Detection Limit.
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1ST 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.. 4500005206 DATED 05.06.2026
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	:	**0123**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/GW/2026-27/0031**

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

ANNEXURE-53

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.

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1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
Tel: 0836-2375678, Mobile: +91 94480 51534, +91 94800 28018,
E-mail: radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

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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.. 4500005206 Dated 05.06.2026
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	:	**0124**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000032**

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	-	7.81	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	1870	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	935	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_4	IS 3025 Part 24 Sec 1: 2022	mg/L	118.63	200max	400max
7.	Phosphorusas P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.18	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	29	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	5.80	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	188.8	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	24.3	30max	100max
12.	Total Hardness as $CaCO_3$	IS 3025 Part 21: 2009	mg/L	572	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	217.76	250max	1000 max

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.

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Tel. 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

TC-17231

14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.74	1 max	1.5 max
						ANNEXURE53
15.	Nitrate as NO3-N	IS 3025 Part 34 Sec 1: 2023	mg/L	1.35	45max	NR
16.	Total Alkalinity as CaCO3	IS 3025 Part 23: 2023	mg/L	516.8	200max	600max
17.	Acidity as $CaCO_3$	IS 3025 Part 22: 2024	mg/L	48	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.83	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

INFERENCE	**As per Standards IS: 10500:2012** **Report Status: - Measured Values for the above parameters are within the limit.**

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - 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.

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1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

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.. 4500005206 DATED 05.06.2026
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	:	**0124**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/GW/2026-27/0032**

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.

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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.. 4500005206 Dated 05.06.2026
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	:	**0125**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000033**

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	-	7.62	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	946	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	473	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_4	IS 3025 Part 24 Sec 1: 2022	mg/L	58.32	200max	400max
7.	Phosphorusas P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.13	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	72	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	4.2	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	113.6	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	19.44	30max	100max
12.	Total Hardness as $CaCO_3$	IS 3025 Part 21: 2009	mg/L	364	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	68.02	250max	1000 max

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.

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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

TC-17231

14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	BDL(<0.1)	1 max	1.5 max
						ANNEXURE-54
15.	Nitrate as NO3-N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.4	45max	NR
16.	Total Alkalinity as CaCO3	IS 3025 Part 23: 2023	mg/L	324	200max	600max
17.	Acidity as $CaCO_3$	IS 3025 Part 22: 2024	mg/L	16	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.53	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: GW5: Gunda Thanda. **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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - Detection Limit.
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Tel: 0836-2375678, Mobile: +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-54
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.. 4500005206 DATED 05.06.2026
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	:	**0125**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/GW/2026-27/0033**

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
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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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-55
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.. 4500005206 Dated 05.06.2026
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	:	**0126**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000034**

Results

Sl. No.	Parameters	Protocol	Unit	G. Nagalapura Village (GW6)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	7.29	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	1440	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	720	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	10.25	-	-
6.	Sulphate as SO_4	IS 3025 Part 24 Sec 1: 2022	mg/L	84.26	200max	400max
7.	Phosphorusas P	IS 3025 Part 31 Sec 1: 2022	mg/L	BDL(<0.1)	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	219	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	3.1	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	68.8	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	12.63	30max	100max
12.	Total Hardness as $CaCO_3$	IS 3025 Part 21: 2009	mg/L	224	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	185.75	250max	1000 max

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.
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1ST 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

14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.40	1 max	1.5 max
						ANNEXURE-55
15.	Nitrate as NO3-N	IS 3025 Part 34 Sec 1: 2023	mg/L	1.25	45max	NR
16.	Total Alkalinity as CaCO3	IS 3025 Part 23: 2023	mg/L	191.9	200max	600max
17.	Acidity as $CaCO_3$	IS 3025 Part 22: 2024	mg/L	44	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.72	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.02	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW6: G NagalapuraVillage. **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****

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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1ST 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-55
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.. 4500005206 DATED 05.06.2026
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	:	**0126**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/GW/2026-27/0034**

Results

Sl. No	Parameters	Protocol	Unit	G. Nagalapura Village (GW6)	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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
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3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

TC-17231

ANNEXURE-56
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.. 4500005206 Dated 05.06.2026
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	:	RO Drinking Water
8	Sample Code	:	**0127**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**ULR-TC172312600000035**

Results

Sl. No.	Parameters	Protocol	Unit	RO Drinking Water	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.05	6.5 to 8.5	NR
2.	Electrical Conductivity @ 25 °C	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	60.3	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	30	500max	2000 max
4.	Total Solids	IS 3025 Part 15: 2023	mg/L	BDL(<2)	-	-
5.	Sulphate as SO_4	IS 3025 Part 24 Sec 1: 2022	mg/L	1.97	200max	400max
6.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	1.2	-	-
7.	Potassium as K	IS 3025 Part 45: 2024	mg/L	0.52	-	-
8.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	4.8	75max	200max
9.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	2.43	30max	100max
10.	Total Hardness as $CaCO_3$	IS 3025 Part 21: 2009	mg/L	22	200max	600max
11.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	4.79	250max	1000 max
12.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	BDL (<0.1)	1 max	1.5 max
13.	Nitrate as NO3-N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.11	45max	NR

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

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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

TC-17231

14.	Total Alkalinity as CaCO3	IS 3025 Part 23: 2023	mg/L	17.1	200max	600max

ANNEXURE-56

15	Acidity as $CaCO_3$	IS 3025 Part 22: 2024	mg/L	BDL (<0.1)	-	-
16	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	BDL (<0.1)	0.30max	NR
17.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	ND	0.05 max	NR
18.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max
19.	Residual chlorine	IS 3025 Part 26: 2021	mg/L	BDL (<0.1)	0.2max	1.0max
20.	Boron as B	IS 3025 Part 57: 2021	mg/L	0.10	0.5max	1.0

Note: W6: RO Drinking Water. **NR-**No relaxation. **ND-**Not Detectable. RA: Reaffirmed Year

INFERENCE	**As per Standards IS: 10500:2012** **Report Status: - Measured Values for the above parameters are within the limit.**

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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1ST 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-56
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.. 4500005206 DATED 05.06.2026
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	:	RO Drinking Water
8	Sample Code	:	**0127**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14	Report Number	:	**SKAEW/BMMIL/RO/2026-27/0035**

Results

Sl. No	Parameters	Protocol	Unit	RO Drinking Water	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Turbidity (NTU)	IS 3025 Part 10: 2023	NTU	1	1 max	5max
22	Oil & Grease	APHA 24th Edition 5520 B: 2023	mg/L	Nil	0.8max	No Relaxation
23	Phosphorusas P	IS 3025 Part 31 Sec 1: 2022	mg/L	BDL (<0.1)	-	-
24	Selenium as Se	APHA 24th Edition 3114 C : 2023	mg/L	<0.01	0.01max	No Relaxation
25	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02 max	NR
26	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
27	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
28	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
29	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
30	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
31	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
32	Cyanides (as CN)	APHA 24th Edition 4500 CN -D : 2023	mg/L	BDL	0.05max	No Relaxation
33	Phenolic Compound as phenols	IS:3025 (part 43)-1992, RA-2014, Chloroform extraction method	mg/L	BDL	1.0max	-
34	*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,

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Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

TC-17231

ANNEXURE-57
Format No: SKAEW/7.8/RF/C/06

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	**Sewage Treatment Plant (Outlet)**
8	Date of Sampling	:	10.09.2026
9	Sample Received	:	11.09.2026
10	Date of Analysis	:	11.09.2026
11	Date of Analysis Completion	:	18.09.2026
12	Report Issue Date	:	**03.10.2026**

Sl. No.	Parameters	Protocol	Unit	Results			As per KSPCB Std
				STP 45 KLD I	STP-1 90 KLD II	STP-2 90 KLD III	
		Sample code	-	**0128**	**0129**	**0130**	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	6.97	7.48	7.11	6.5 to 8.5
2.	Colour	IS 3025 Part 4: 2021	Hazen	1	1	2	
3.	Total Suspended Solids	IS 3025 Part 17: 2022	mg/L	11.1	12.2	0.7	<20
4.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 PART 44: 2023	mg/L	9.1	7.0	9.0	<10
5.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	37.28	20	40	<50
6.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	8.36	7.14	9.66	10
7.	Kjeldhal Nitrogen	IS 3025 Part 34 Sec 1: 2023	mg/L	3.66	2.96	4.25	5
8	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.002	0.003	0.004	-

Note: BDL-Below detectable Limit. **INFERENCE:** The Measured values are within the Limit.
I-STP 45 KLD – Near Fortivia **Report Number: ULR-TC172312600000036**
II-STP-1 90 KLD –Near ISP Area **Report Number: ULR-TC172312600000037**
III- STP-2 90 KLD –Near Gunda Guest House **Report Number:ULR-TC172312600000038**

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:
1. All results pertain to the sample received and tested only.
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Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-57
Format No: SKAEW/7.8/RF/C/06

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	**Sewage Treatment Plant (Outlet)**
8	Date of Sampling	:	10.09.2026
9	Sample Received	:	11.09.2026
10	Date of Analysis	:	11.09.2026
11	Date of Analysis Completion	:	18.09.2026
12	Report Issue Date	:	**03.10.2026**

Sl. No.	Parameters	Protocol	Unit	Results			As per KSPCB Std
				STP 45 KLD I	STP-1 90 KLD II	STP-2 90 KLD III	
		Sample code	-	0128	0129	0130	
9.	Odour	IS: 3025 (PART 5)- 1983, RA-2012, True Odour	-	Agree able	Agree able	Agree able	-
10.	Cyanides (as CN)	APHA 24th Edition 4500 CN -D: 2023	mg/L	BDL	BDL	BDL	-
11.	Phenolic Compounds (as C_6H_5OH)	IS:3025 (part 43)-1992, RA-2014, Chloroform extraction method	mg/L	BDL	BDL	BDL	-
12.	Fecal coliform	APHA 24th Edition 9211 B :2023	CFU/ 100ml	14	15	32	Less than 100

Note: BDL-Below detectable Limit. **INFERENCE:** The Measured values are within the Limit.
I-STP 45 KLD – Near Fortivia ,**Report Number: SKAEW/BMMIL/STP/2026-27/552**
II-STP-1 90 KLD –Near ISP Area, **Report Number: SKAEW/BMMIL/STP/2026-27/553**
III-STP-2 90 KLD –Near Gunda Guest House, **Report Number: SKAEW/BMMIL/STP/2026-27/554**

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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.

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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

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ANNEXURE-58
Format No: SKAEW/7.8/RF/C/06

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	**Waste Water**
8	Date of Sampling	:	10.09.2026
9	Sample Received	:	11.09.2026
10	Date of Analysis	:	11.09.2026
11	Date of Analysis Completion	:	18.09.2026
12	Report Issue Date	:	**03.10.2026**
13	Report Number	:	**ULR-TC172312600000039**

Results

Sl. No.	Parameters	Protocol	Unit	Results		As per KSPCB Std
				Neutralization Pit 70 MW Power Plant	Neutralization Pit 2x70 MW Power Plant	
			Sample Code	0131	0132	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.09	8.94	6.5 to 9.0
2.	Total Suspended Solids	IS 3025 Part 17: 2022	mg/L	25.52	6.36	100
3.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	35.2	52.8	250
4.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	1.25	3.96	10

Note: BDL-Below detectable Limit.
INFERENCE: The Measured values are within the Limit.

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:
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2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
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1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

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ANNEXURE-59
Format No: SKAEW/7.8/RF/C/10

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	**Surface Water**
8	Date of Sampling	:	10.09.2026
9	Sample Received	:	11.09.2026
10	Date of Analysis	:	11.09.2026
11	Date of Analysis Completion	:	18.09.2026
12	Report Issue Date	:	**03.10.2026**
13	Report Number	:	**ULR-TC172312600000040**

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				Danayakanakere Upstream	Danayakanakere Downstream	
			Sample code	0133	0134	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.36	7.31	6.5-8.5
2.	Color	IS 3025 Part 4: 2021		<5	<5	300
3.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 Part 44: 2023	mg/L	1.8	2.5	3.0
4	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.20	0.18	1.3
5	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.2	6.0	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.04	0.02	1.0

INFERENCE: The measured values are within the Limit

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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1ST 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-59
Format No: SKAEW/7.8/RF/C/10

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Sampling Procedure	:	SKAEW-LD/SOP/32
6	Discipline	:	Chemical
7	Group	:	Pollution & Environment
8	Sample Type	:	**Surface Water**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14.	Report Number	:	**SKAEW/BMMIL/SW/2026-27/0036**

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				Danayakanakere Upstream	Danayakanakere Downstream	
			Sample code	0133	0134	
7	Arsenic as As	APHA 24thEdition3114- B : 2023	mg/L	<0.01	<0.01	0.2
8	Cyanides (as CN)	APHA 24th Edition 4500 CN -D : 2023	mg/L	BDL	BDL	0.05
9	Phenolic Compounds (as C_6H_5OH)	IS:3025 (part 43)-1992, RA-2014, Chloroform extraction method	mg/L	BDL	BDL	0.005
10	**Total Coliform Organisms**					
	Total Coli forms	IS : 1622:1981	MPN/ 100 ml	70	80	500
	Escherichia coli or *E. coli*	IS : 1622:1981	MPN/ 100 ml	Absent	Absent	-

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

TC-17231

ANNEXURE-60
Format No: SKAEW/7.8/RF/C/10

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	**Surface Water**
8	Date of Sampling	:	10.09.2026
9	Sample Received	:	11.09.2026
10	Date of Analysis	:	11.09.2026
11	Date of Analysis Completion	:	18.09.2026
12	Report Issue Date	:	**03.10.2026**
13	Report Number	:	**ULR-TC172312600000041**

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				KempuHalla Upstream	KempuHalla Downstream	
			Sample code	0135	0136	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.91	7.90	6.5-8.5
2.	Color	IS 3025 Part 4: 2021		1	1	300
3.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 Part 44: 2023	mg/L	2.2	2.6	3.0
4	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.14	0.18	1.3
5	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.1	5.8	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.03	0.03	1.0

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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.
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Tel : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-60A
SKAEW-LD/TF/23/01

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Sampling Procedure	:	SKAEW-LD/SOP/32
6	Discipline	:	Chemical
7	Group	:	Pollution & Environment
8	Sample Type	:	**Surface Water**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14.	Report Number	:	**SKAEW/BMMIL/SW/2026-27/0037**

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				KempuHalla Upstream	KempuHalla Downstream	
			Sample code	0135	0136	
7	Arsenic as As	APHA 24thEdition3114- B : 2023	mg/L	<0.01	<0.01	0.2
8	Cyanides (as CN)	APHA 24th Edition 4500 CN -D : 2023	mg/L	BDL	BDL	0.05
9	Phenolic Compounds (as C_6H_5OH)	IS:3025 (part 43)-1992, RA-2014, Chloroform extraction method	mg/L	BDL	BDL	0.005
10	**Total Coliform Organisms**					
	Total Coli forms	IS : 1622:1981	MPN/ 100 ml	60	70	500
	Escherichia coli or *E. coli*	IS : 1622:1981	MPN/ 100 ml	Absent	Absent	-

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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SHRI KRISHNA AQUA ENGINEERING WORKS

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Tel. : 0836-2375678, Mobile : +91 94480 51534, +91 94800 28018,
E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

TC-17231

ANNEXURE-61
Format No: SKAEW/7.8/RF/C/10

Analysis Report of Surface Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Pollution & Environment
7	Sample Type	:	**Surface Water**
8	Date of Sampling	:	10.09.2026
9	Sample Received	:	11.09.2026
10	Date of Analysis	:	11.09.2026
11	Date of Analysis Completion	:	18.09.2026
12	Report Issue Date	:	**03.10.2026**
13	Report Number	:	**ULR-TC172312600000042**

Sl. No.	122Parameters	Protocol	Unit	Results	IS 2296 -1982 CLASS -B
				Tungabhadra dam	
			Sample Code	0137	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.12	6.5-8.5
2.	Color	IS 3025 Part 4: 2021		1	300
3.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 Part 44: 2023	mg/L	2.7	3.0
4.	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.15	1.5
5.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	78	-
6	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	5.9	>5
7	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.02	1.0

INFERENCE: The measured values are within the Limit.

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

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

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 - 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,
1ST 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-61
Format No: SKAEW/7.8/RF/C/10

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Sampling Procedure	:	SKAEW-LD/SOP/32
6	Discipline	:	Chemical/Biological
7	Group	:	Pollution & Environment
8	Sample Type	:	**Surface Water**
9	Date of Sampling	:	10.09.2026
10	Sample Received	:	11.09.2026
11	Date of Analysis	:	11.09.2026
12	Date of Analysis Completion	:	18.09.2026
13	Report Issue Date	:	**03.10.2026**
14.	Report Number	:	**SKAEW/BMMIL/SW/2026-27/0038**

Sl. No.	Parameters	Protocol	Unit	Results	IS 2296 -1982 CLASS -B
			Sample Code	Tungabhadra dam	
				0137	
8	Total Suspended Solids	APHA 24th Edition 2540 D: 2023	mg/L	24.22	-
9	Arsenic as As	APHA 24thEdition3114- B : 2023	mg/L	<0.01	0.2
10	Cyanides (as CN)	APHA 24th Edition 4500 CN -D : 2023	mg/L	BDL	0.05
11	Phenolic Compounds (as C_6H_5OH)	IS:3025 (part 43)-1992, RA-2014, Chloroform extraction method	mg/L	BDL	0.005
12.	**Total Coliform Organisms,**				
	Total Coli forms	IS :1622:1981	MPN/ 100 ml	73	500
	Escherichia coli or E. coli	IS : 1622:1981	MPN/ 100 ml	Absent	-

Note: BDL-Below detectable Limit
INFERENCE: The measured values are within the Limit.

SHRI KRISHNA AQUA ENGG. WORKS VIDYANAGAR HUBBALLI 580 021

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:
1. All results pertain to the sample received and tested only.
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PPWATER SAMPLING LOCATIONS

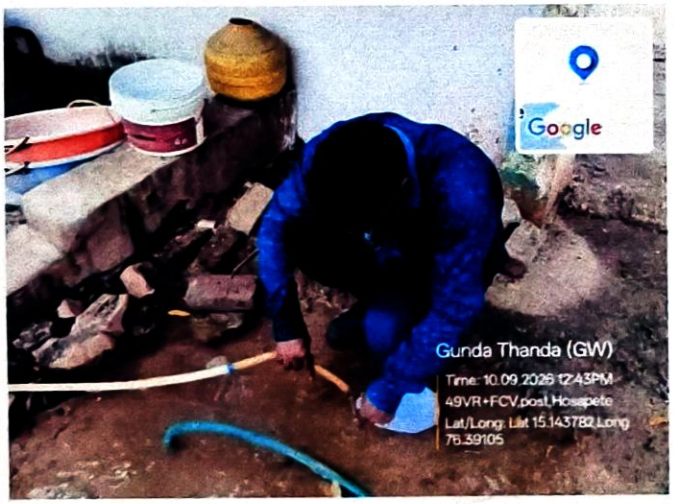
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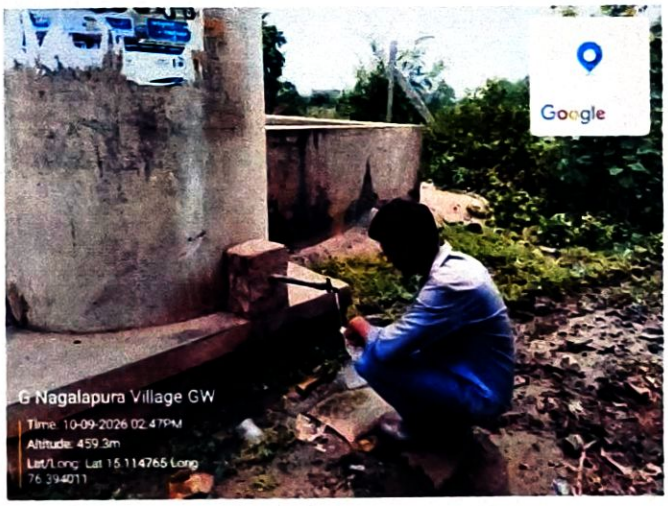






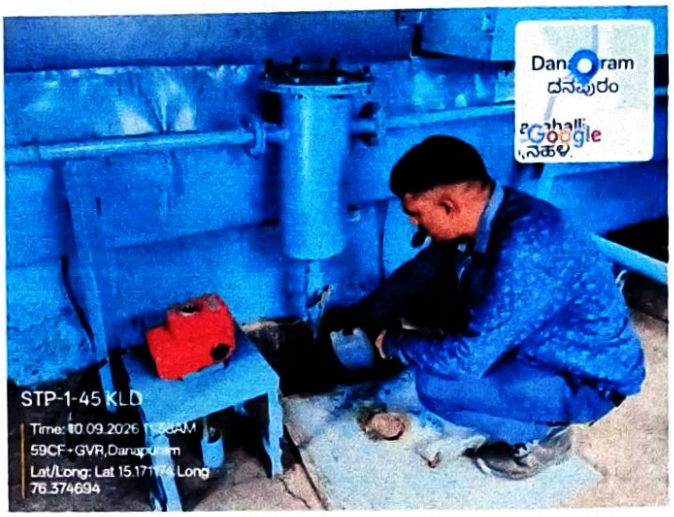






WATER SAMPLING LOCATIONS













WATER SAMPLING LOCATIONS









