

BMM Ispat Ltd.,

ENVIRONMENTAL MONITORING REPORT



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

MARCH-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,
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TC-17231

1.0 EXECUTIVE SUMMARY

1.1 INTRODUCTION

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

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

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

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

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



1.2 PROMOTERS OF THE PROJECT

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

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

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

1.3 Site Location

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

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

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

S.N.	Items	Capacity
1	Iron ore beneficiation plant	4.70 MTPA
2	Palletizing Plant	2.40 MTPA
3	DRI Plant	0.70 MTPA
4	Coke Oven	0.80 MTPA
5	Sinter Plant	2.50 MTPA
6	Blast furnace	1.70 MTPA
7	EAF & BOF Steel making shop	2.30 MTPA
8	Continuous casting machines Slab Caster	1.10 MTPA
	Billet Caster	1.10 MTPA
9	Rolling mills: Hot strip mill	1.00 MTPA
	Structural/wire rods	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 **MARCH-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 71.27, 19.43, 8.26 & 10.79 $\mu\text{g}/\text{m}^3$ 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 64.25, 17.06, 7.65 & 9.61 $\mu\text{g}/\text{m}^3$ 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 69.29, 20.16, 8.38 & 11.11 $\mu\text{g}/\text{m}^3$ 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 59.61, 17.18, 8.53 & 11.24 $\mu\text{g}/\text{m}^3$ respectively. All above the values were found within the Limits. Results given in **Annexure-4**.

G Nagalapura Village (A5)

At this location, average of PM10, PM2.5, SO2, NO2 values Average 48.45, 14.06, 7.46 & 9.07 $\mu\text{g}/\text{m}^3$ respectively. All above the values were found within the Limits. Results given in **Annexure-5**.

Gunda Tanda Village (A6)

At this location, average of PM10, PM2.5, SO2, NO2 values Average 47.90, 14.17, 7.09 & 8.53 $\mu\text{g}/\text{m}^3$ respectively. All above the values were found within the Limits. Results given in **Annexure-6**.

5.1 FUGITIVE DUST CONCENTRATION

Fortnightly fugitive air quality was monitored all plant area SPM value minimum 335.49 $\mu\text{g}/\text{m}^3$, maximum value 1941.7 $\mu\text{g}/\text{m}^3$ and average value 1379.0 $\mu\text{g}/\text{m}^3$. 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 2nd Fortnight Minimum Value 9.45 mg/Nm^3 , Maximum Value 40.21 mg/Nm^3 & Average Value 26.41 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 42.4 to 73.1 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.. 4500004504 Dated 09.01.2026
 Sample collected by : Shri Krishna Aqua Engineering Works
 Discipline : Chemical
 Group : Atmospheric Pollution
 Sample Type : Ambient Air Quality Monitoring
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
 Month : MARCH-2026
 Location : A1-Danapur Village
 Duration of Monitoring : 24 Hour
 Report Issued Date : 02.04.2026
 Report Number : ULR-TC1723126000000253F

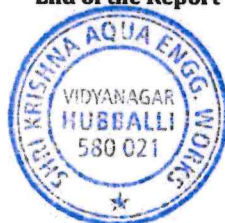
RESULTS

Parameters			PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]	
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
02.03.2026	03.03.2026	378	74.18	100	22.28	60	9.25	80	13.65	80
03.03.2026	04.03.2026	402	79.19		18.84		7.18		10.08	
09.03.2026	10.03.2026	462	66.19		20.23		8.15		9.09	
10.03.2026	11.03.2026	475	76.41		18.45		9.30		10.47	
16.03.2026	17.03.2026	521	67.30		17.63		8.30		10.53	
17.03.2026	18.03.2026	535	78.54		20.63		7.89		9.93	
23.03.2026	24.03.2026	593	59.73		18.15		8.04		11.93	
24.03.2026	25.03.2026	601	68.65		19.23		8.01		10.67	
Average			71.27		19.43		8.26		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-172 MFC
3	Serial No	R.D.S. / DATE -D-2000	PM10/PM2.55 Sampler /52-2020
4	Calibration Date	08.09.2025	08.09.2025
5	Calibration Due Date	07.09.2026	07.09.2026

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



Reviewed & Authorized Signatory

R.M. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit
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ANNEXURE-01
Format No: SKAEW/7.8/RF/C/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500004504 DATED 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyzer
Month : MARCH-2026
Location : A1-Danapur Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.04.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/253

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	02.03.2026	378	0.16	4.0
2	03.03.2026	402	0.12	
3	09.03.2026	462	0.14	
4	10.03.2026	475	0.12	
5	16.03.2026	521	0.10	
6	17.03.2026	535	0.14	
7	23.03.2026	593	0.12	
8	24.03.2026	601	0.14	

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
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Reviewed & Authorized Signatory

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Mrs. Radha M Bengeri
Technical Manger

Note:

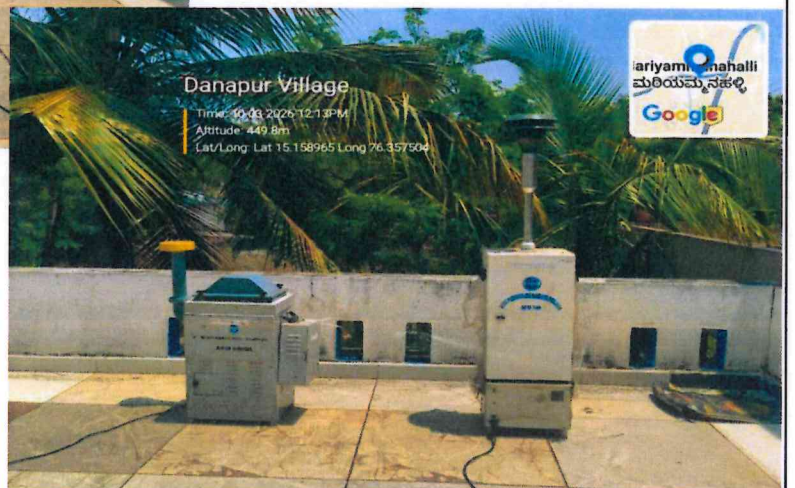
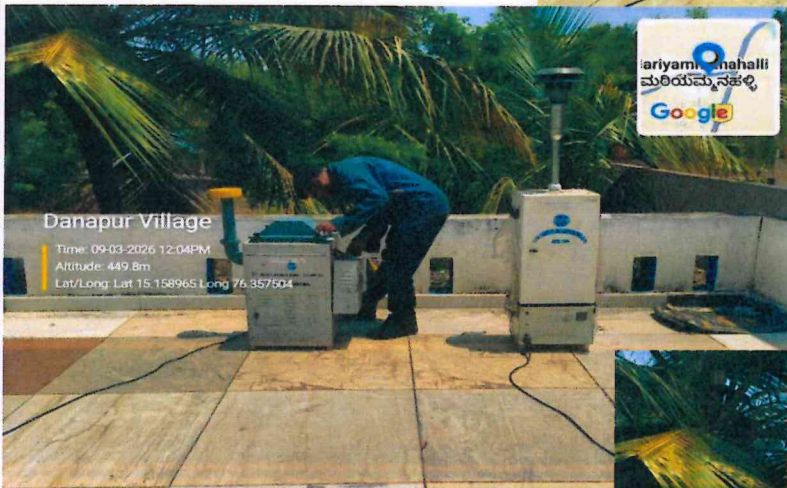
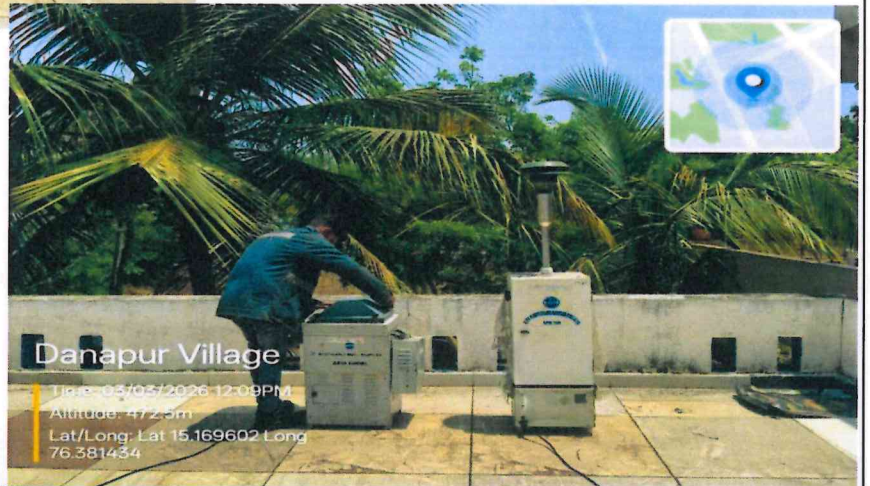
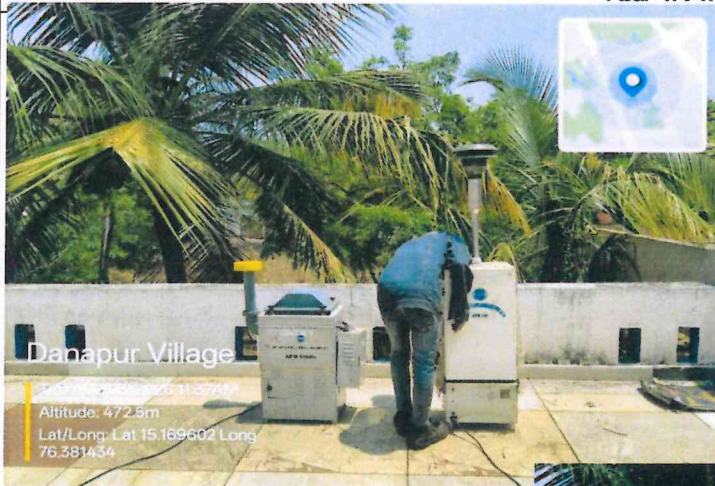
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AMBIENT AIR QUALITY MONITORING STATION

Location : Danapur

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

Near VRM Hspital

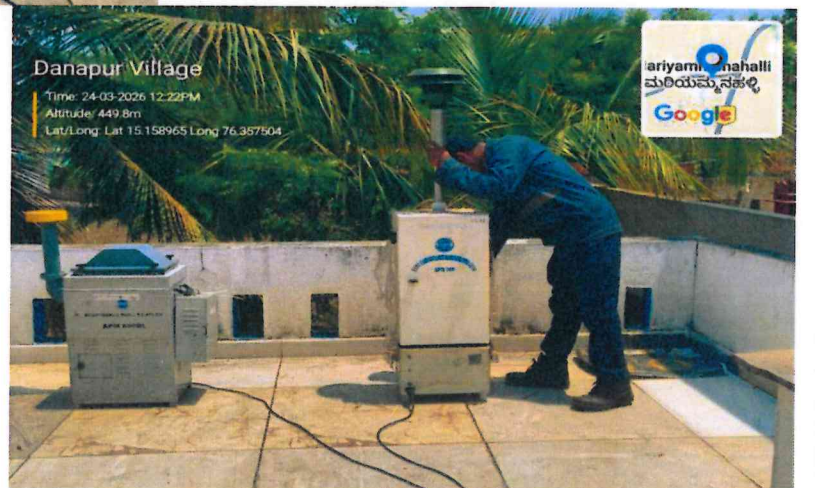
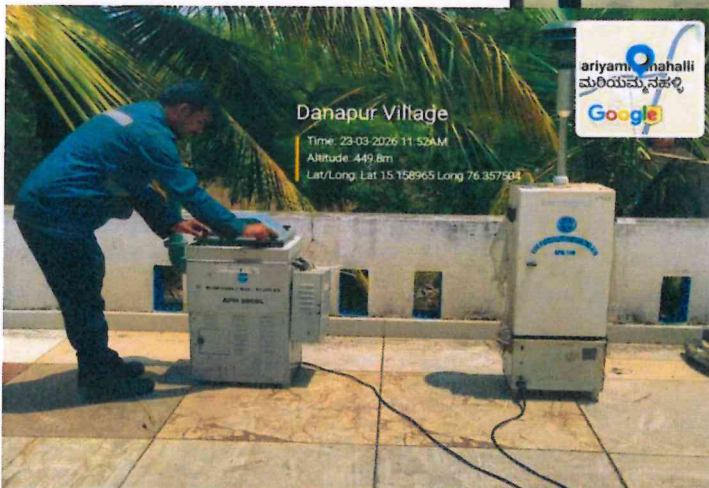
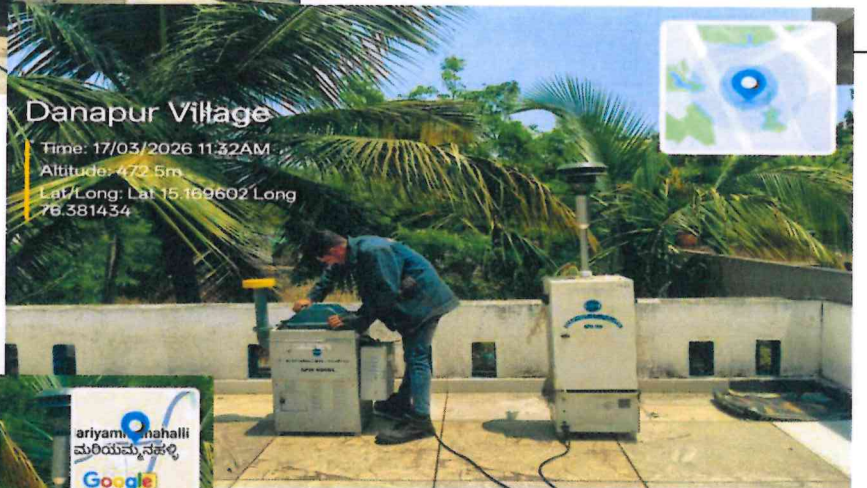
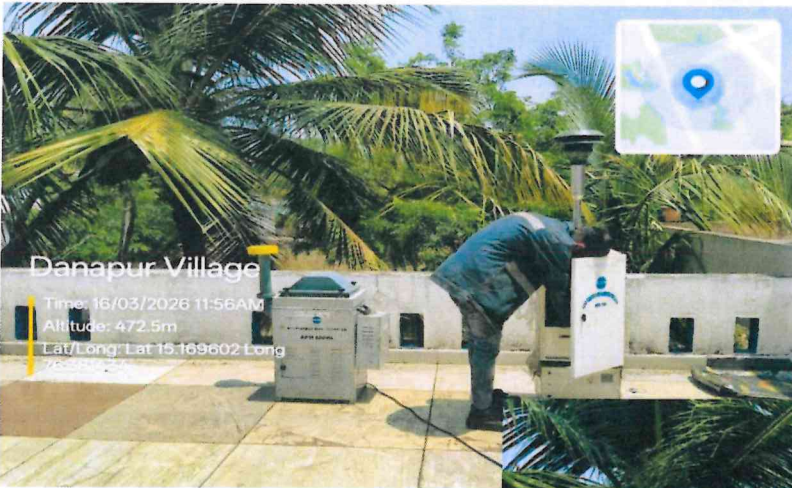


AMBIENT AIR QUALITY MONITORING STATION

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

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
 Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026
 Sample collected by : Shri Krishna Aqua Engineering Works
 Discipline : Chemical
 Group : Atmospheric Pollution
 Sample Type : Ambient Air Quality Monitoring
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
 Month : MARCH-2026
 Location : A2-Mariyammanahalli Village
 Duration of Monitoring : 24 Hour
 Report Issued Date : 02.04.2026
 Report Number : ULR-TC1723126000000254F

RESULTS

Parameters			PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]	
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
02.03.2026	03.03.2026	379	63.47	100	17.21	60	7.18	80	9.06	80
03.03.2026	04.03.2026	403	67.63		20.63		7.96		10.51	
11.03.2026	12.03.2026	491	55.66		13.94		8.72		11.21	
12.03.2026	13.03.2026	506	58.58		11.27		6.88		8.56	
16.03.2026	17.03.2026	522	65.42		19.05		8.36		9.74	
17.03.2026	18.03.2026	536	75.09		20.91		7.09		10.41	
25.03.2026	26.03.2026	648	69.60		17.97		7.92		8.11	
26.03.2026	27.03.2026	652	58.52		15.50		7.06		9.32	
Average			64.25		17.06		7.65		9.61	

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	08.09.2025	08.09.2025
5	Calibration Due Date	07.09.2026	07.09.2026

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



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.. 4500004504 DATED 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyser
Month : **MARCH-2026**
Location : **A2-Mariyammanahalli Village**
Duration of Monitoring : 1 Hour
Report Issued Date : **02.04.2026**
Report Number : **SKAEW/BMMIL/NAAQ/2026-27/254**

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	02.03.2026	379	0.10	4.0
2	03.03.2026	403	0.14	
3	11.03.2026	491	0.12	
4	12.03.2026	506	0.10	
5	16.03.2026	522	0.14	
6	17.03.2026	536	0.10	
7	25.03.2026	648	0.10	
8	26.03.2026	652	0.14	

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
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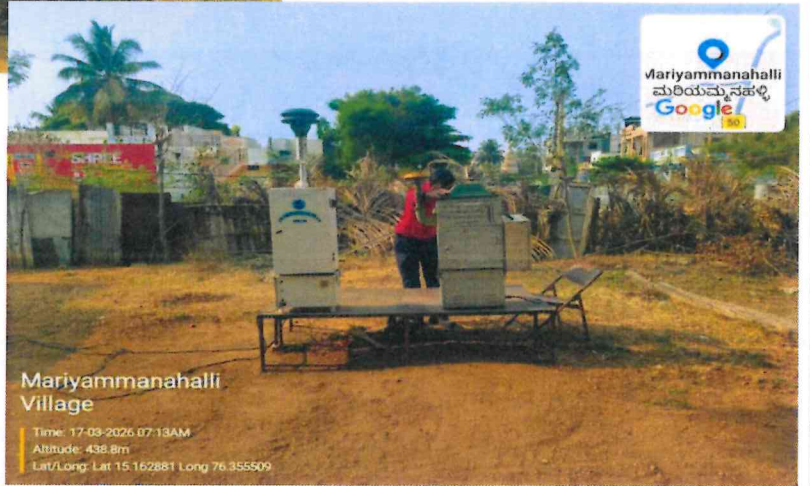
Location : Mariyammana Halli

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.. 4500004504 Dated 09.01.2026
 Sample collected by : Shri Krishna Aqua Engineering Works
 Discipline : Chemical
 Group : Atmospheric Pollution
 Sample Type : Ambient Air Quality Monitoring
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
 Month : MARCH-2026
 Location : A3-Hanumanahalli Village
 Duration of Monitoring : 24 Hour
 Report Issued Date : 02.04.2026
 Report Number : ULR-TC172312600000255F

Parameters			PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]	
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
02.03.2026	03.03.2026	380	63.41	100	20.03	60	9.18	80	12.11	80
03.03.2026	04.03.2026	404	71.50		20.66		8.25		11.09	
09.03.2026	10.03.2026	464	66.12		17.73		8.32		10.98	
10.03.2026	11.03.2026	476	76.56		24.47		7.80		12.66	
16.03.2026	17.03.2026	523	68.50		16.91		8.48		10.70	
17.03.2026	18.03.2026	534	76.19		18.14		7.86		11.23	
25.03.2026	26.03.2026	649	63.65		24.19		7.38		9.15	
26.03.2026	27.03.2026	653	68.35		19.10		9.74		10.95	
Average			69.29		20.16		8.38		11.11	

RESULTS

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

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri

Technical Manger

Note:

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



SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
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.. 4500004504 DATED 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyzer
Month : MARCH-2026
Location : A3-Hanumanahalli Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.04.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/255

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	02.03.2026	380	0.12	4.0
2	03.03.2026	404	0.10	
3	09.03.2026	464	<0.01	
4	10.03.2026	476	0.10	
5	16.03.2026	523	0.10	
6	17.03.2026	534	<0.01	
7	25.03.2026	649	<0.01	
8	26.03.2026	653	<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
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Reviewed & Authorized Signatory

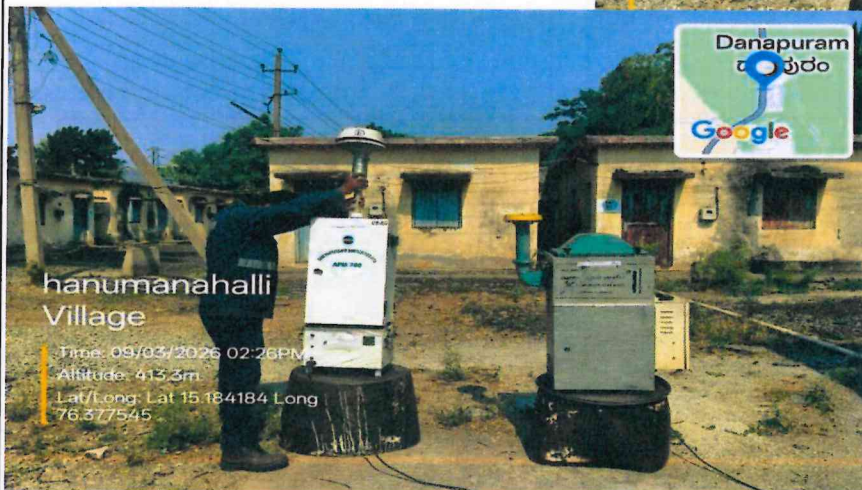
R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

AMBIENT AIR QUALITY MONITORING STATION
Location: Hanumanahalli
Address: BMMCH Hospital Hanumanahalli Near STP



AMBIENT AIR QUALITY MONITORING STATION

Location: Hanumanahalli

Address: BMMOCHospital Hanumanahalli Near STP





SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
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TC-17231

ANNEXURE-04

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
 Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026
 Sample collected by : Shri Krishna Aqua Engineering Works
 Discipline : Chemical
 Group : Atmospheric Pollution
 Sample Type : Ambient Air Quality Monitoring
 Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
 Month : MARCH-2026
 Location : A4-Galemmanagudi Village
 Duration of Monitoring : 24 Hour
 Report Issue Date : 02.04.2026
 Report Number : ULR-TC1723126000000268F

RESULTS

Parameters			PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]	
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)	
Date of Sampling	Date of Sample Received	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD
04.03.2026	05.03.2026	417	72.92	100	19.19	60	7.87	80	11.91	80
05.03.2026	06.03.2026	429	67.65		21.39		9.51		13.72	
09.03.2026	10.03.2026	465	79.29		24.03		8.72		11.66	
10.03.2026	11.03.2026	477	65.72		20.18		9.12		12.98	
18.03.2026	19.03.2026	553	40.37		9.23		8.45		11.21	
19.03.2026	20.03.2026	563	57.37		15.83		8.37		9.28	
23.03.2026	24.03.2026	594	49.84		16.12		7.92		8.25	
24.03.2026	25.03.2026	602	43.74		11.47		8.29		10.87	
Average			59.61				17.18			

SL NO	INSTRUMENT DETAILS		
1	Instrument Name	Respirable Dust Sampler (RDS)	Fine Particulate Sampler (FPS)
2	Make & Model	Envirotech Instrument/APM 460BL	Enviro instruments / EI-133
3	Serial No	R.D.S. / 197-C-36	530-F-2024
4	Calibration Date	24.07.2025	25.04.2025
5	Calibration Due Date	23.07.2026	24.04.2026

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
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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.. 4500004504 DATED 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyser
Month : MARCH-2026
Location : A4-Galemmanagudi Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.04.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/268

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	04.03.2026	417	0.16	4.0
2	05.03.2026	429	0.14	
3	09.03.2026	465	0.12	
4	10.03.2026	477	0.10	
5	18.03.2026	553	<0.01	
6	19.03.2026	563	<0.01	
7	23.03.2026	594	0.10	
8	24.03.2026	602	0.12	

Note: CO - CO Analyzer Manual (1 Hour)

ND - Not Detected

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

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

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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AMBIENT AIR QUALITY MONITORING STATION

Location: Galemmanagudi

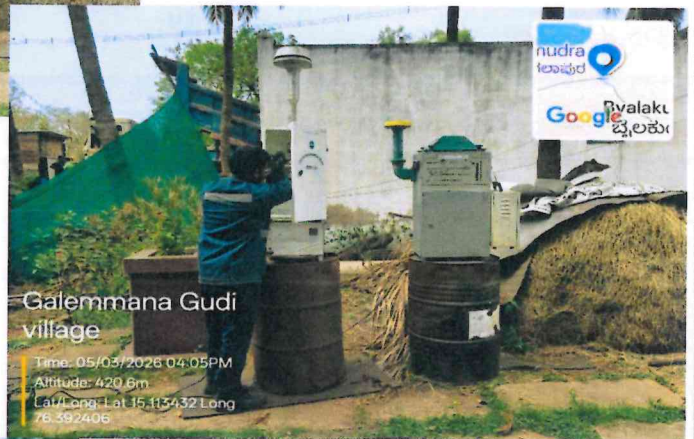
Address: Jeevan Galemmanagudi Village near welcome board Hanumahalli post

Tq: Hbpet Di: Vijayanagara



Galemmana Gudi village

Time: 04/03/2026 04:30PM
Altitude: 420.6m
Lat/Long: Lat 15.113432 Long 76.392706



Galemmana Gudi village

Time: 05/03/2026 04:05PM
Altitude: 420.6m
Lat/Long: Lat 15.113432 Long 76.392706



Galemmana Gudi village

Time: 09-03-2026 04:58PM
Altitude: 479.7m
Lat/Long: Lat 15.166141 Long 76.381158



Galemmana Gudi village

Time: 10-03-2026 05:04PM
Altitude: 479.7m
Lat/Long: Lat 15.166141 Long 76.381158

AMBIENT AIR QUALITY MONITORING STATION

Location: Galemmanagudi

Address: Jeevan Galemmanagudi Village near welcome board Hanumahalli post

Tq: Hbspet Di: Vijayanagara



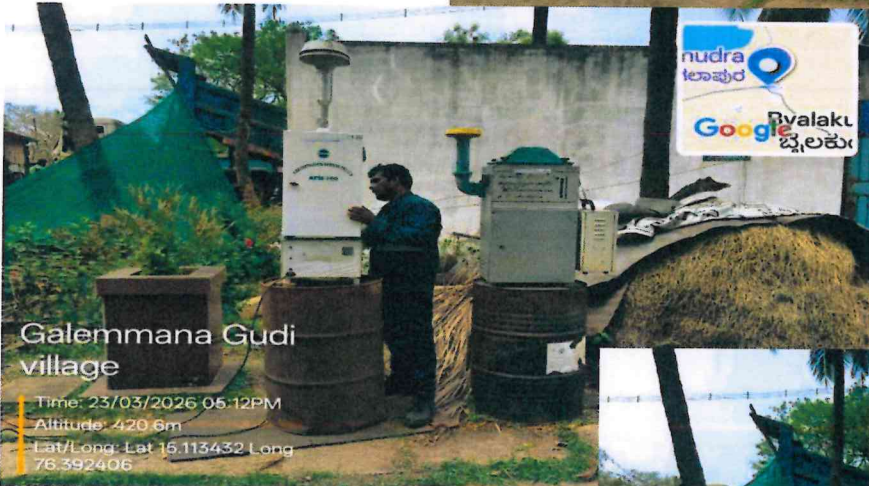
Galemmana Gudi village

Time: 18-03-2026 05:11PM
Altitude: 479.7m
Lat/Long: Lat 15.166141 Long 76.381158



Galemmana Gudi village

Time: 19-03-2026 04:16PM
Altitude: 479.7m
Lat/Long: Lat 15.166141 Long 76.381158



Galemmana Gudi village

Time: 23/03/2026 05:12PM
Altitude: 420.6m
Lat/Long: Lat 15.113432 Long 76.392406



Galemmana Gudi village

Time: 24/03/2026 04:33PM
Altitude: 420.6m
Lat/Long: Lat 15.113432 Long 76.392406



SHRI KRISHNA AQUA ENGINEERING WORKS

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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-05

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : MARCH-2026
Location : A5-G Nagalapura Village
Duration of Monitoring : 24 Hour
Report Issue Date : 02.04.2026
Report Number : ULR-TC1723126000000269F

RESULTS

Parameters			PM10 [µg/m ³]		PM2.5 [µg/m ³]		SO2 [µg/m ³]		NO2 [µg/m ³]	
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)	
Date of Sampling	Date of Received Sample	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD
04.03.2026	05.03.2026	418	52.05	100	14.68	60	8.61	80	10.45	80
05.03.2026	06.03.2026	430	45.67		11.29		7.71		9.67	
09.03.2026	10.03.2026	463	50.88		10.74		7.04		9.29	
10.03.2026	11.03.2026	478	55.82		18.52		7.42		8.06	
16.03.2026	17.03.2026	520	50.17		16.55		7.55		8.33	
17.03.2026	18.03.2026	538	57.69		18.58		6.88		9.50	
23.03.2026	24.03.2026	595	41.78		13.86		6.52		8.60	
24.03.2026	25.03.2026	603	33.53		8.26		7.95		8.70	
Average			48.45				14.06			

SL NO	INSTRUMENT DETAILS		
1	Instrument Name	Respirable Dust Sampler (RDS)	Fine Particulate Sampler (FPS)
2	Make & Model	Envirotech Instrument/APM 460BL	Enviro instruments / EI-133
3	Serial No	R.D.S. / 199-C-37	536-F-2024
4	Calibration Date	24.07.2025	25.04.2025
5	Calibration Due Date	23.07.2026	24.04.2026

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit
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SHRI KRISHNA AQUA ENGINEERING WORKS

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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-05
Format No: SKAEW/7.8/RF/C/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500004504 DATED 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyser
Month : **MARCH-2026**
Location : **A5- G Nagalapura Village**
Duration of Monitoring : 1 Hour
Report Issued Date : **02.04.2026**
Report Number : **SKAEW/BMMIL/NAAQ/2026-27/269**

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	04.03.2026	418	<0.01	4.0
2	05.03.2026	430	<0.01	
3	09.03.2026	463	<0.01	
4	10.03.2026	478	<0.01	
5	16.03.2026	520	<0.01	
6	17.03.2026	538	<0.01	
7	23.03.2026	595	<0.01	
8	24.03.2026	603	<0.01	

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

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

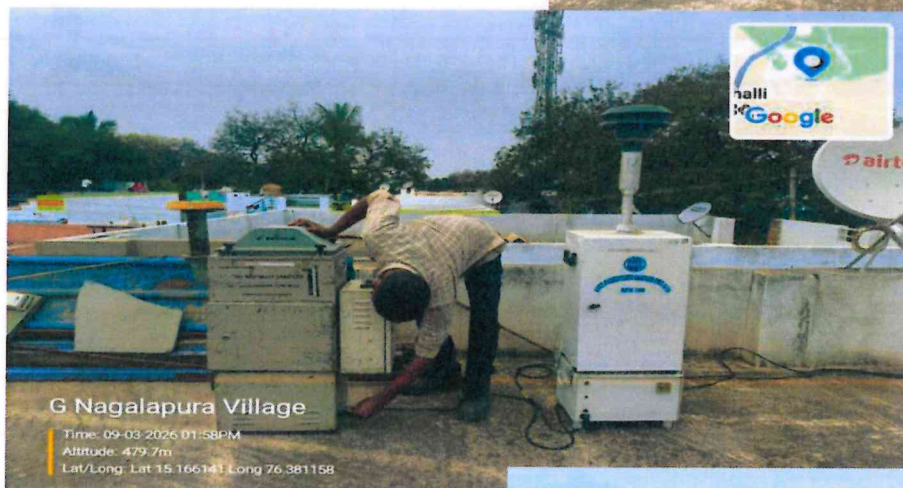
Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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AMBIENT AIR QUALITY MONITORING STATION

Location: Nagalapura Village

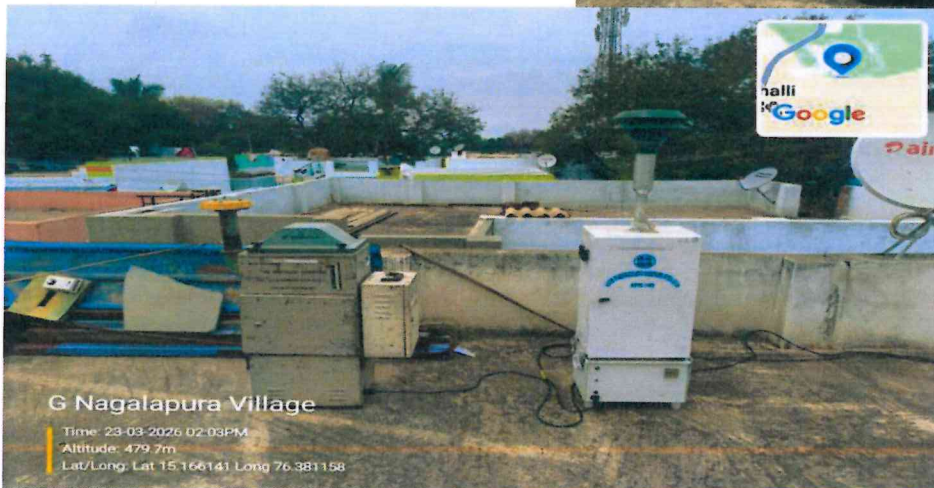
Address: BManjunath S/o. BHemanna G Nagalapura Hspet Tq Di : Vijayanagara Near 2nd ward Bus stand Nagalapura



AMBIENT AIR QUALITY MONITORING STATION

Location: Nagalapura Village

Address: BManjunath S/o BHemanna G Nagalapura Hospet Tq DI : Vijayanagara Near 2nd ward Bus stand Nagalapura





SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-06

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO. 4500004504 Dated 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : MARCH-2026
Location : A6-Gunda Tanda Village
Duration of Monitoring : 24 Hour
Report Issue Date : 02.04.2026
Report Number : ULR-TC1723126000000256F

RESULTS

Parameters			PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]	
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
02.03.2026	03.03.2026	381	59.48	100	14.21	60	6.94	80	8.44	80
03.03.2026	04.03.2026	406	54.62		15.17		7.52		8.61	
11.03.2026	12.03.2026	494	52.66		11.58		7.44		9.74	
12.03.2026	13.03.2026	505	67.06		19.91		7.10		8.26	
18.03.2026	19.03.2026	554	45.44		16.38		6.88		7.08	
19.03.2026	20.03.2026	564	32.31		15.39		6.72		7.88	
23.03.2026	24.03.2026	596	39.38		11.54		7.00		8.95	
24.03.2026	25.03.2026	604	32.21		9.18		7.12		9.32	
Average			47.90				14.17			

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit
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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.. 4500004504 DATED 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyser
Month : MARCH-2026
Location : A6-Gunda Tanda Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.04.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/256

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	02.03.2026	381	<0.01	4.0
2	03.03.2026	406	<0.01	
3	11.03.2026	494	<0.01	
4	12.03.2026	505	<0.01	
5	18.03.2026	554	<0.01	
6	19.03.2026	564	<0.01	
7	23.03.2026	596	<0.01	
8	24.03.2026	604	<0.01	

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

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

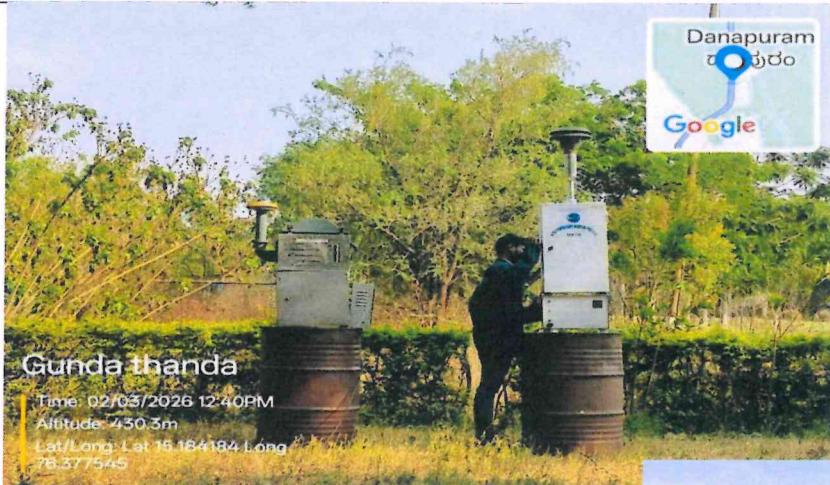
Note:

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

AMBIENT AIR QUALITY MONITORING STATION

Location: BMM Quatre's

Gunda Thanda



Gunda thanda

Time: 02/03/2026 12:40PM
Altitude: 450.3m
Lat/Long: Lat 15.184184 Long
76.377545



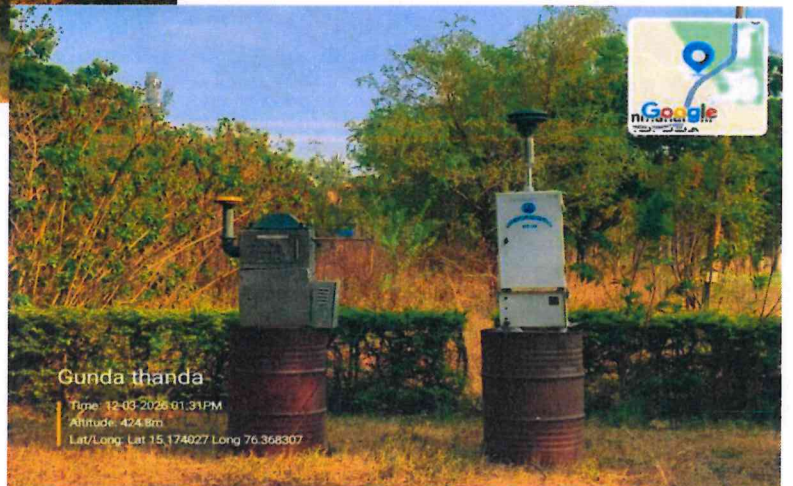
Gunda thanda

Time: 03/03/2026 01:00PM
Altitude: 430.3m
Lat/Long: Lat 15.184184 Long
76.377545



Gunda thanda

Time: 11/03/2026 01:09PM
Altitude: 424.8m
Lat/Long: Lat 15.174027 Long 76.368307



Gunda thanda

Time: 12/03/2026 01:31PM
Altitude: 424.8m
Lat/Long: Lat 15.174027 Long 76.368307

AMBIENT AIR QUALITY MONITORING STATION

Location: BMM Quatre's
Gunda Thanda





SHRI KRISHNA AQUA ENGINEERING WORKS

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ANNEXURE-07

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

FORTNIGHTLY FUGITIVE AIR QUALITY MONITORING DATA

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(1 st Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4)1999 RA 2014
9	Report Issued Date	:	02.04.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/275

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu\text{g}/\text{m}^3$)	Standard
I. Beneficiation Plant-1						
1.	Near Iron Ore Bottom Hopper	455	07.03.2026	07.03.2026	1370.91	2000
2.	Iron Ore Screen	456	07.03.2026	07.03.2026	1378.76	2000
3.	Main Canteen	457	07.03.2026	07.03.2026	621.60	2000
II. Pellet Plant-I						
4.	Near Pellet Plant	458	07.03.2026	07.03.2026	1882.58	2000
5.	Annual Cooler Pellet Discharge bin	459	07.03.2026	07.03.2026	1931.11	2000
6.	Pellet Stock Yard	470	09.03.2026	10.03.2026	1877.41	2000
III. Sponge Iron Division-1 (kiln 1 & 2)						
7.	Control Room SID-1	486	11.03.2026	12.03.2026	1782.52	2000
8.	Near Product bin	487	11.03.2026	12.03.2026	1778.67	2000
9.	Coal Feeding Area	488	11.03.2026	12.03.2026	1835.42	2000
IV. Induction Furnace & Rolling Mill - 1						
10.	IF Office	471	09.03.2026	10.03.2026	1650.63	2000
11.	TMT Stock Yard	472	09.03.2026	10.03.2026	1914.40	2000
12.	RML Gasifier	473	09.03.2026	10.03.2026	1723.84	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	489	11.03.2026	12.03.2026	1495.46	2000
14.	25 MW ACC	490	11.03.2026	12.03.2026	1906.12	2000
VI. Site Services						
15.	PGP- coal handling system	474	09.03.2026	10.03.2026	1929.50	2000
16.	IF Slag Crusher	481	10.03.2026	11.03.2026	1872.11	2000
17.	Main Gate	500	12.03.2026	13.03.2026	1894.25	2000
18.	Fly ash Dump	439	06.03.2026	07.03.2026	1924.29	2000

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

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

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



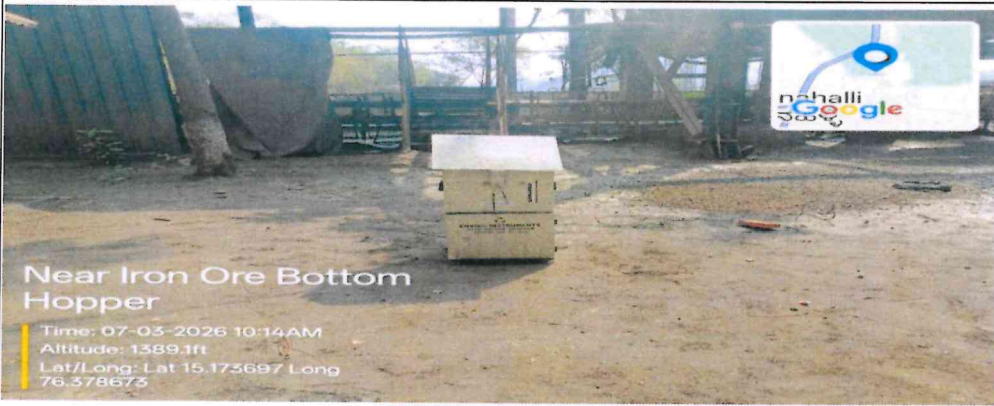
Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit
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Near Iron Ore Bottom Hopper

Time: 07-03-2026 10:14AM
Altitude: 1389.1ft
Lat/Long: Lat 15.173697 Long 76.378673



Iron Ore Screen

Time: 07-03-2026 10:21AM
Altitude: 1389.1ft
Lat/Long: Lat 15.173697 Long 76.378673



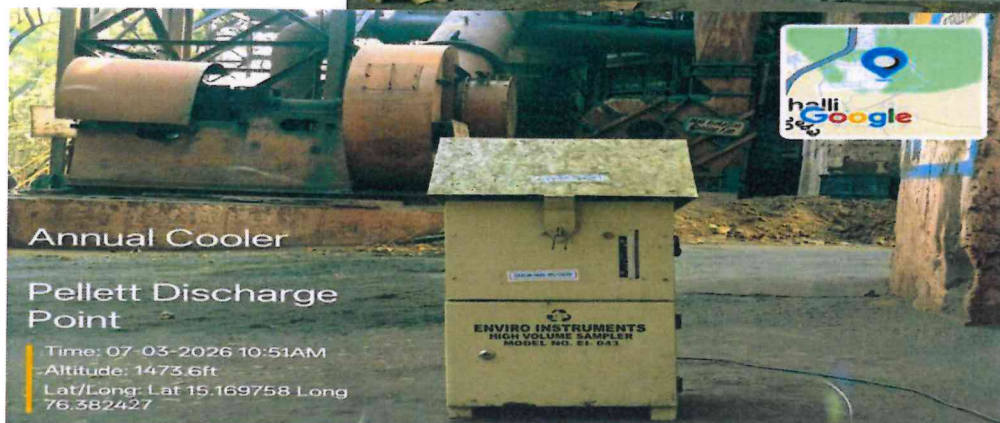
Main Canteen

Time: 07-03-2026 10:41AM
Altitude: 1351.4ft
Lat/Long: Lat 15.169424 Long 76.380644



Near Pellet Plant

Time: 07-03-2026 10:46AM
Altitude: 1351.4ft
Lat/Long: Lat 15.169424 Long 76.380644



Annual Cooler

Pellet Discharge Point

Time: 07-03-2026 10:51AM
Altitude: 1473.6ft
Lat/Long: Lat 15.169758 Long 76.382427



Pellet Stock Yard
Time: 09-03-2026 10:23AM
Altitude: 1415.7ft
Lat/Long: Lat 15.169758 Long 76.382427



IF Office
Time: 09-03-2026 10:37AM
Altitude: 1372.5ft
Lat/Long: Lat 15.169663 Long 76.377222



TMT Stock Yard
Time: 09-03-2026 10:32AM
Altitude: 1441.9ft
Lat/Long: Lat 15.168435 Long 76.382711



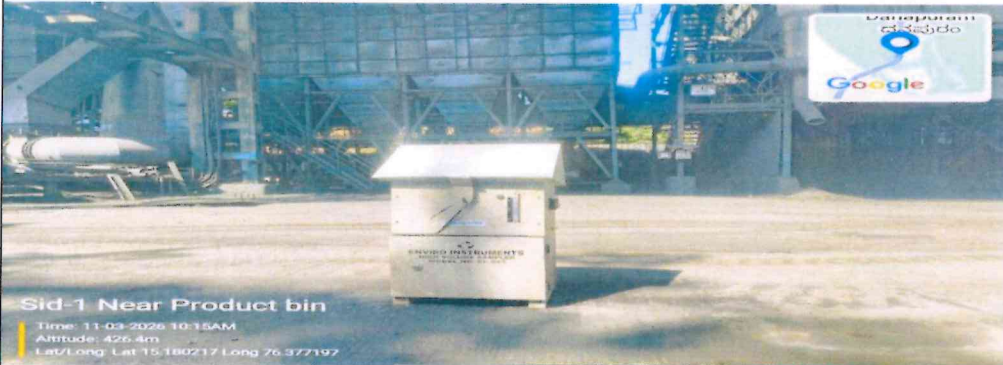
RML Gasifier
Time: 09-03-2026 10:43AM
Altitude: 1372.5ft
Lat/Long: Lat 15.169663 Long 76.377222



Sid-1 control room
Time: 11-03-2026 10:12AM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197

FLUGITIVE EMISSION MONITORING

ANNEXURE-7



Sid-1 Near Product bin
Time: 11-03-2026 10:15AM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197



Sid-1 Coal feeding area
Time: 11-03-2026 10:28AM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197



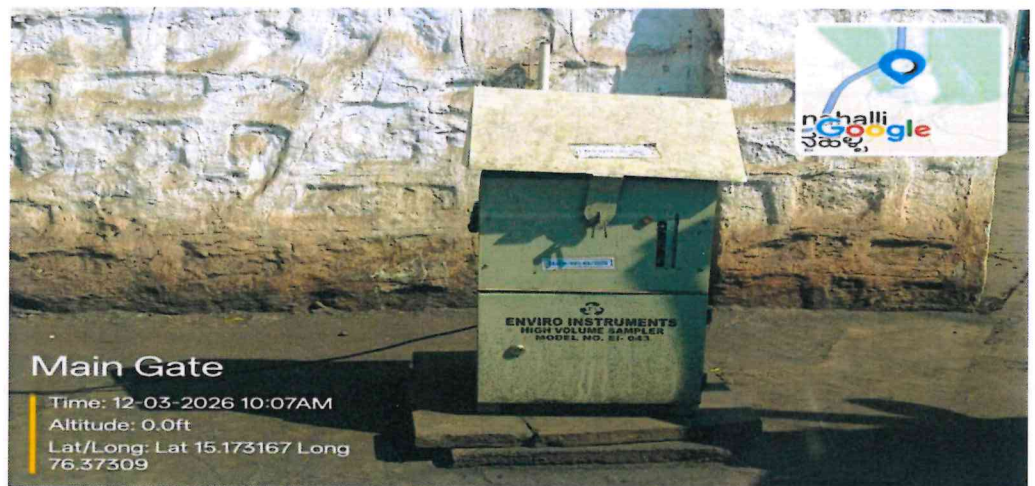
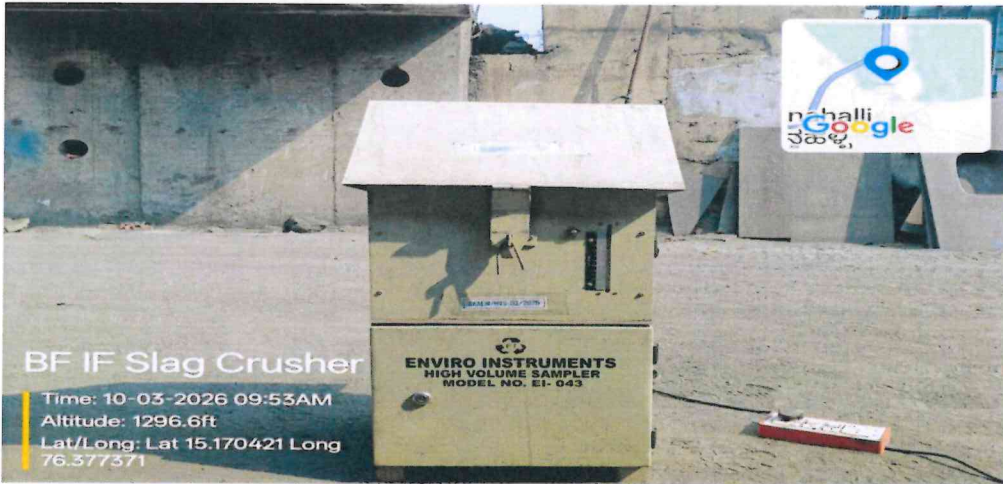
25 MW ESP
Time: 11-03-2026 09:47AM
Altitude: 1474.6ft
Lat/Long: Lat 15.170421 Long 76.377371



25 MW ACC
Time: 11-03-2026 09:35AM
Altitude: 1472.6ft
Lat/Long: Lat 15.170327 Long 76.377371



PGP-coal handling system
Time: 09-03-2026 10:13AM
Altitude: 1415.7ft
Lat/Long: Lat 15.169758 Long 76.382427





SHRI KRISHNA AQUA ENGINEERING WORKS

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ANNEXURE-08

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

FORTNIGHTLY FUGITIVE AIR QUALITY MONITORING DATA

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(2 nd Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4)1999 RA 2014
9	Report Issued Date	:	02.04.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/232

RESULTS

Sl. NO.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu\text{g}/\text{m}^3$)	Standard
I. Beneficiation Plant-1						
1.	Near Iron Ore Bottom Hopper	588	23.03.2026	24.03.2026	504.24	2000
2.	Iron Ore Screen	589	23.03.2026	24.03.2026	511.23	2000
3.	Main Canteen	590	23.03.2026	24.03.2026	1817.80	2000
II. Pellet Plant-I						
4.	Near Pellet Plant	591	23.03.2026	24.03.2026	1717.17	2000
5.	Annual Cooler Pellet Discharge bin	592	23.03.2026	24.03.2026	1927.58	2000
6.	Pellet Stock Yard	607	24.03.2026	25.03.2026	1885.49	2000
III. Sponge Iron Division-1(kiln 1 & 2)						
7.	Control Room SID-I	637	25.03.2026	26.03.2026	630.68	2000
8.	Near Product bin	638	25.03.2026	26.03.2026	452.08	2000
9.	Coal Feeding Area	639	25.03.2026	26.03.2026	573.11	2000
IV. Induction Furnace & Rolling Mill						
10.	IF Office	613	24.03.2026	25.03.2026	916.71	2000
11.	TMT Stock Yard	614	24.03.2026	25.03.2026	1704.80	2000
12.	RML Gasifier	615	24.03.2026	25.03.2026	943.75	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	616	24.03.2026	25.03.2026	1324.75	2000
14.	25 MW ACC	640	25.03.2026	26.03.2026	789.76	2000
VI. Site Services						
15.	PGP- Coal handling system	586	23.03.2026	24.03.2026	850.87	2000
16.	IF Slag Crusher	617	24.03.2026	25.03.2026	1604.26	2000
17.	Main Gate	641	25.03.2026	26.03.2026	804.24	2000
18.	Fly ash Dump	587	21.03.2026	21.03.2026	1894.41	2000

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

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

End of the report



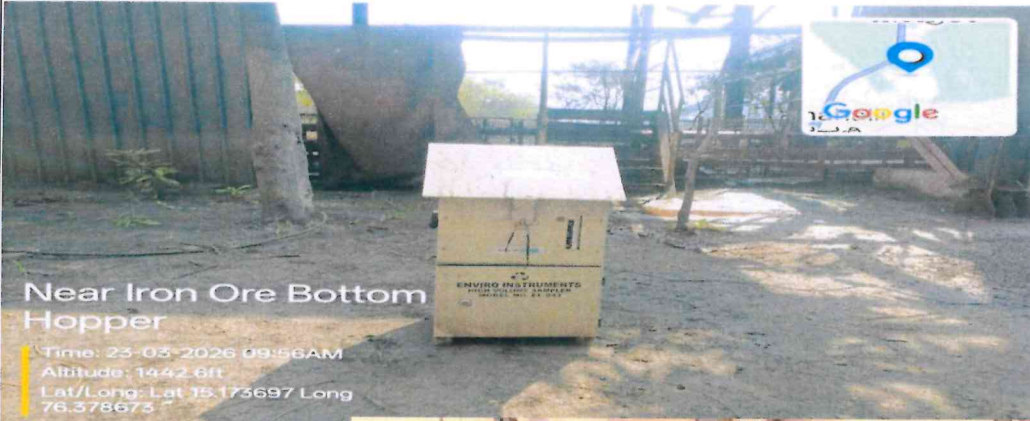
Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
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Near Iron Ore Bottom Hopper

Time: 23-03-2026 09:56AM
Altitude: 1442.6ft
Lat/Long: Lat 15.173697 Long 76.378673



Iron Ore Screen

Time: 23-03-2026 10:02AM
Altitude: 1442.6ft
Lat/Long: Lat 15.173697 Long 76.378673



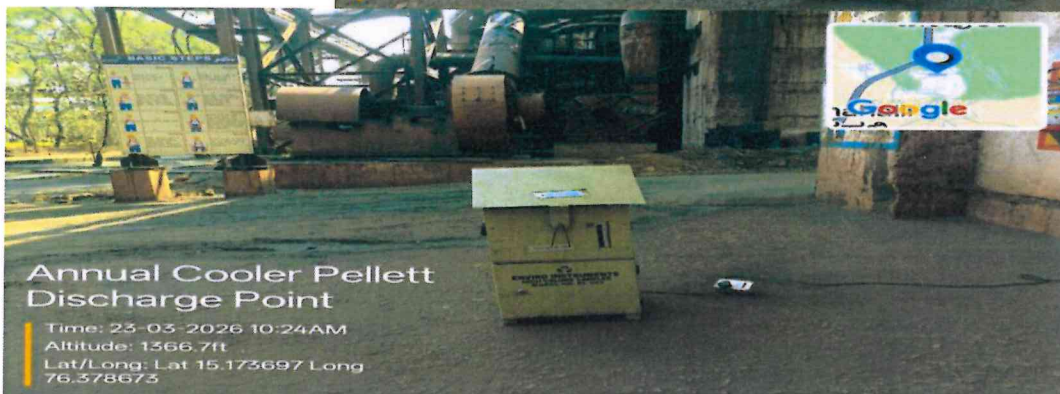
Main Canteen

Time: 23-03-2026 10:10AM
Altitude: 1442.6ft
Lat/Long: Lat 15.173697 Long 76.378673



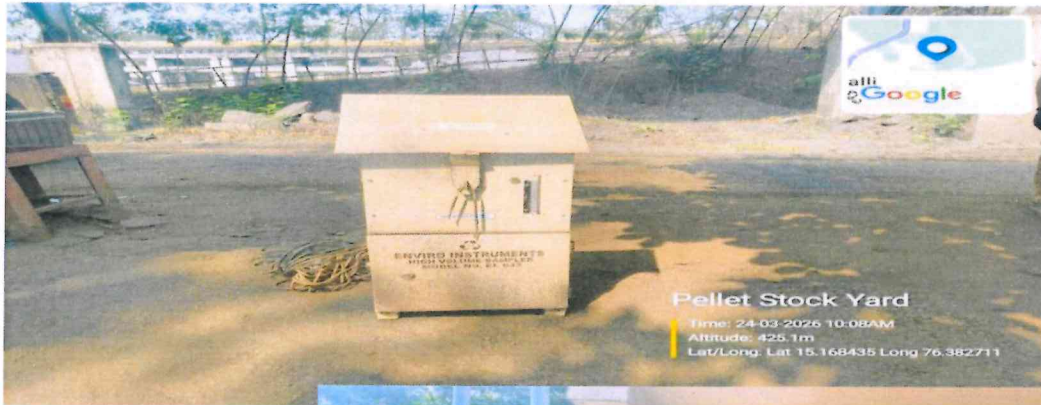
Near Pellet Plant

Time: 23-03-2026 10:16AM
Altitude: 1366.7ft
Lat/Long: Lat 15.173697 Long 76.378673



Annual Cooler Pellett Discharge Point

Time: 23-03-2026 10:24AM
Altitude: 1366.7ft
Lat/Long: Lat 15.173697 Long 76.378673



Pellet Stock Yard

Time: 24-03-2026 10:08AM
Altitude: 425.1m
Lat/Long: Lat 15.168435 Long 76.382711



IF Office

Time: 24-03-2026 10:44AM
Altitude: 478.1m
Lat/Long: Lat 15.169663 Long 76.377215



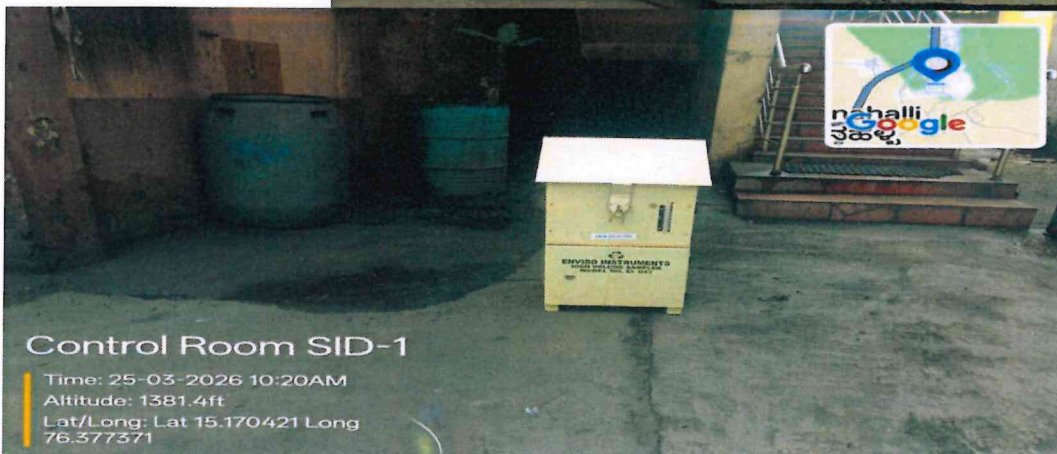
TMT Stock Yard

Time: 24-03-2026 10:33AM
Altitude: 478.1m
Lat/Long: Lat 15.169663 Long 76.377215



RML Gasifier

Time: 24-03-2026 10:50AM
Altitude: 478.1m
Lat/Long: Lat 15.169663 Long 76.377215



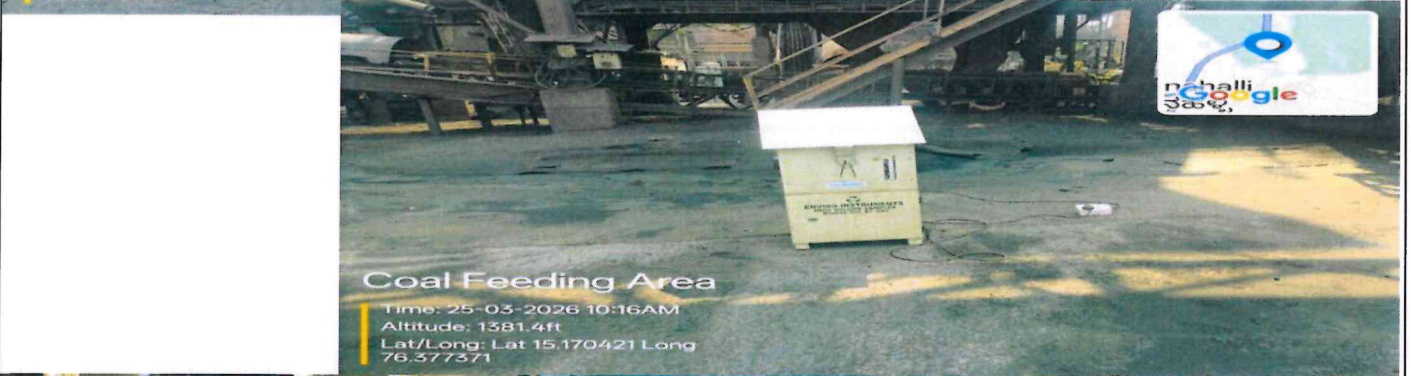
Control Room SID-1

Time: 25-03-2026 10:20AM
Altitude: 1381.4ft
Lat/Long: Lat 15.170421 Long 76.377371



Near Product Bin

Time: 25-03-2026 10:24AM
Altitude: 1445.1ft
Lat/Long: Lat 15.170421 Long 76.377371



Coal Feeding Area

Time: 25-03-2026 10:16AM
Altitude: 1381.4ft
Lat/Long: Lat 15.170421 Long 76.377371



25 MW ESP

Time: 24-03-2026 10:58AM
Altitude: 437.4m
Lat/Long: Lat 15.170421 Long 76.377371



25 MW ACC

Time: 25-03-2026 10:09AM
Altitude: 1381.4ft
Lat/Long: Lat 15.170421 Long 76.377371



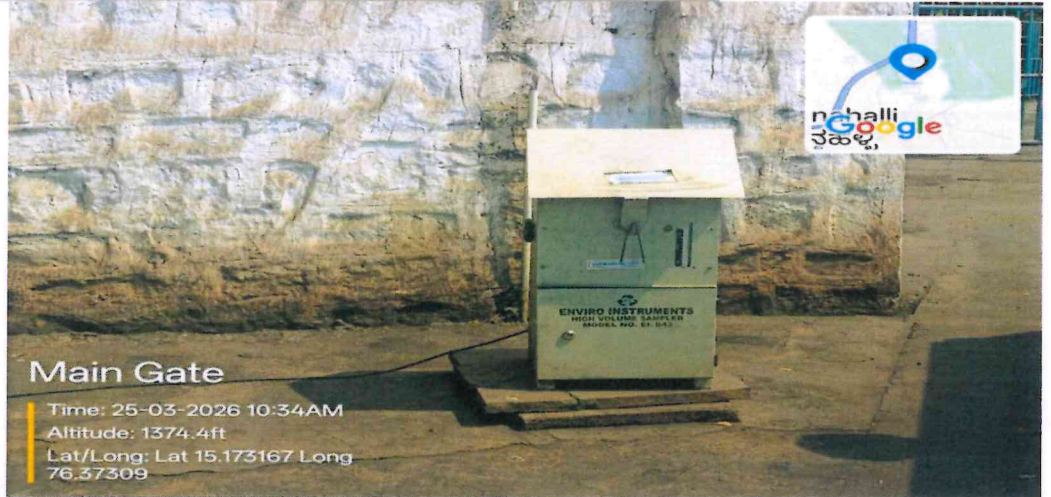
PGP-coal handling system

Time: 23-03-2026 10:02AM
Altitude: 0.0m
Lat/Long: Lat 15.170663 Long 76.381921

FUGITIVE EMISSION MONITORING ANNEXURE-8



IF Slag Crusher
Time: 24-03-2026 10:31AM
Altitude: 478.1m
Lat/Long: Lat 15.169663 Long 76.377215



Main Gate
Time: 25-03-2026 10:34AM
Altitude: 1374.4ft
Lat/Long: Lat 15.173167 Long 76.37309



Fly ash dump
Time: 21-03-2026 10:59AM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197



SHRI KRISHNA AQUA ENGINEERING WORKS

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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-09

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(1st Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	02.04.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/278

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu\text{g}/\text{m}^3$)	Standard
Blast Furnace						
1.	RMHS	482	10.03.2026	11.03.2026	1754.81	2000
2.	Stock House	483	10.03.2026	11.03.2026	1895.60	2000
3.	Gas Network Area	484	10.03.2026	11.03.2026	1897.82	2000
4.	Blower Area	501	12.03.2026	13.03.2026	1184.29	2000
5.	Gas Cleaning plant (GCP)	485	10.03.2026	11.03.2026	1908.47	2000
6.	Stove Area	502	12.03.2026	13.03.2026	1820.83	2000
7.	Control ROOM (CR)	503	12.03.2026	13.03.2026	1893.56	2000
8.	Pig Costing Machine (PCM)	511	13.03.2026	14.03.2026	843.66	2000
9.	Slag Granulation Plant (SGP)	512	13.03.2026	14.03.2026	905.16	2000
10.	Cost House Area	504	12.03.2026	13.03.2026	1798.27	2000
SMS Area						
1.	Stock House/Vibro Feeders	513	13.03.2026	14.03.2026	1941.67	2000
2.	Laddle Tapping	514	13.03.2026	14.03.2026	1460.44	2000
3.	Slag pouring Area	515	13.03.2026	14.03.2026	429.49	2000
MBM						
1.	Near Re-Heating Furnace	516	13.03.2026	14.03.2026	869.08	2000

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

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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BF RMHS

Time: 10-03-2026 10:02AM
Altitude: 1410.6ft
Lat/Long: Lat 15.166141 Long 76.381158



BF Stock House

Time: 10-03-2026 10:10AM
Altitude: 1410.6ft
Lat/Long: Lat 15.166141 Long 76.381158



BF Gas Network Area

Time: 10-03-2026 10:16AM
Altitude: 1410.6ft
Lat/Long: Lat 15.166141 Long 76.381158



Blower Area

Time: 12-03-2026 10:20AM
Altitude: 0.0ft
Lat/Long: Lat 15.173167 Long 76.37309



BF Gas Cleaning Plant (GCP)

Time: 10-03-2026 04:08PM
Altitude: 1410.6ft
Lat/Long: Lat 15.166141 Long 76.381158



Stove Area

Time: 12-03-2026 10:25AM
Altitude: 1596.8ft
Lat/Long: Lat 15.166141 Long 76.381158



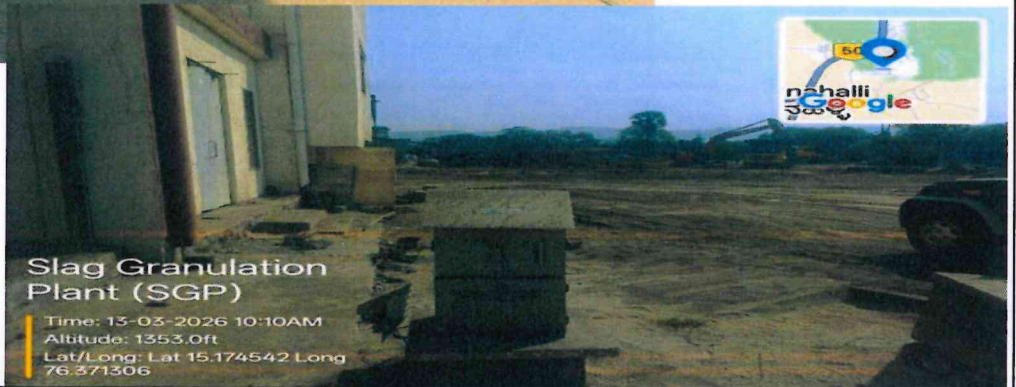
Control Room (CR)

Time: 12-03-2026 10:35AM
Altitude: 1597.4ft
Lat/Long: Lat 15.174542 Long 76.371306



Pig Costing Machine (PCM)

Time: 13-03-2026 10:18AM
Altitude: 1353.0ft
Lat/Long: Lat 15.174542 Long 76.371306



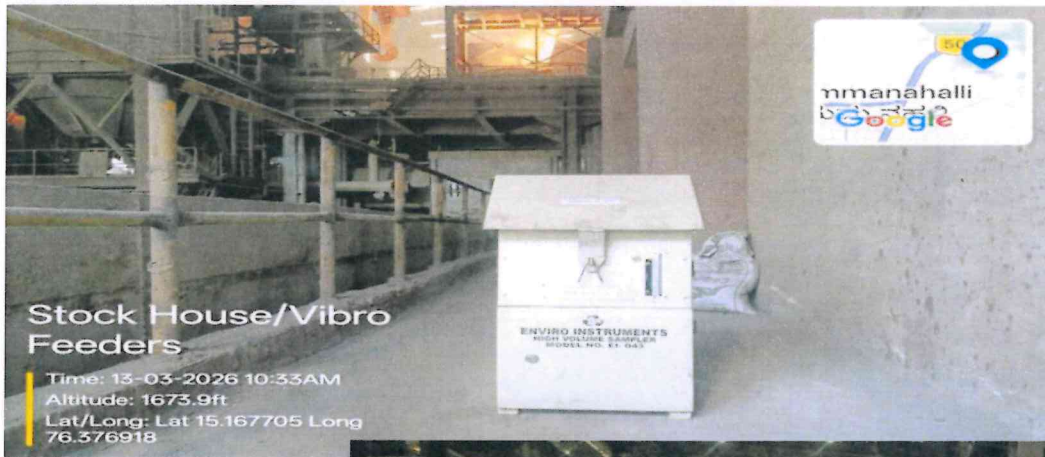
Slag Granulation Plant (SGP)

Time: 13-03-2026 10:10AM
Altitude: 1353.0ft
Lat/Long: Lat 15.174542 Long 76.371306



Cost house area

Time: 12-03-2026 10:40AM
Altitude: 1597.4ft
Lat/Long: Lat 15.174542 Long 76.371306



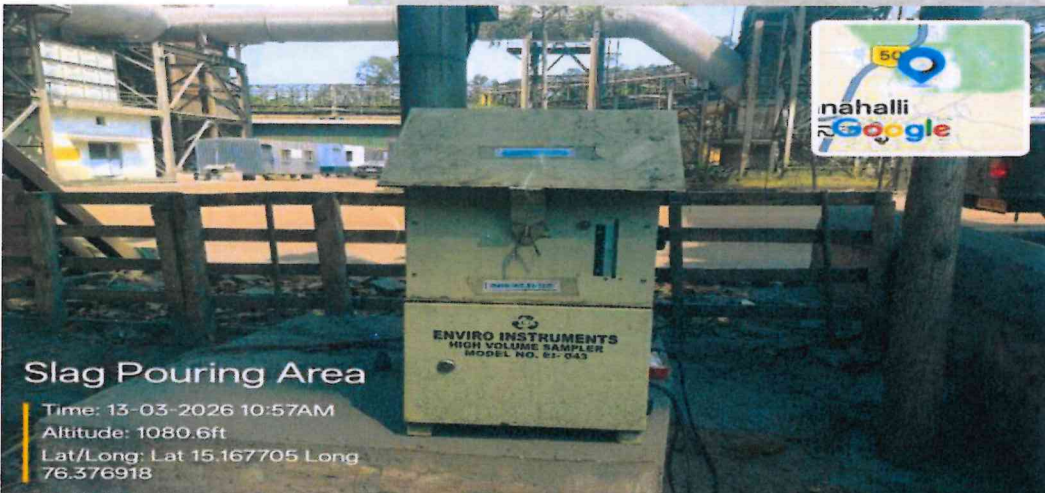
Stock House/Vibro Feeders

Time: 13-03-2026 10:33AM
Altitude: 1673.9ft
Lat/Long: Lat 15.167705 Long 76.376918



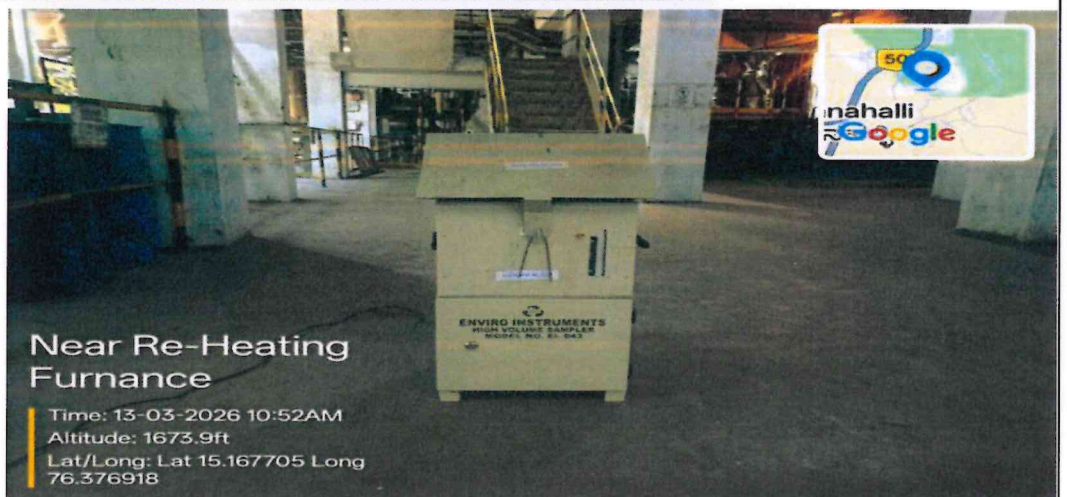
Ladle Tapping

Time: 13-03-2026 10:40AM
Altitude: 1673.9ft
Lat/Long: Lat 15.167705 Long 76.376918



Slag Pouring Area

Time: 13-03-2026 10:57AM
Altitude: 1080.6ft
Lat/Long: Lat 15.167705 Long 76.376918



Near Re-Heating Furnace

Time: 13-03-2026 10:52AM
Altitude: 1673.9ft
Lat/Long: Lat 15.167705 Long 76.376918



SHRI KRISHNA AQUA ENGINEERING WORKS

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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-10
Format No: SKAEW/7.8/RF/C/01

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(1 ST Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	02.04.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/262

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu\text{g}/\text{m}^3$)	Standard
I. Beneficiation Plant-II						
1.	Ball Mill Area (Zero Meter)	389	02.03.2026	03.03.2026	793.08	2000
2.	Concentrate Thickner	390	02.03.2026	03.03.2026	981.93	2000
3.	Near Cone Crusher	391	02.03.2026	03.03.2026	513.06	2000
II. Pellet Plant						
4.	PR-6	392	02.03.2026	03.03.2026	826.95	2000
5.	Annual Cooler Pellet Discharge bin	393	02.03.2026	03.03.2026	1364.12	2000
6.	Additive Grinding Building	397	03.03.2026	04.03.2026	1726.74	2000
III. Sponge Iron Division -2 (Kiln 3 & 4)						
7.	Control room	419	04.03.2026	05.03.2026	1689.36	2000
8.	Near Weigh bridge (dispatch)	398	03.03.2026	04.03.2026	1912.20	2000
9.	Transfer House area	399	03.03.2026	04.03.2026	1853.11	2000
10.	Production Separation Bin-PSB	400	03.03.2026	04.03.2026	1849.71	2000
11.	Pellet Storage bin	401	03.03.2026	04.03.2026	1727.06	2000
IV. Sponge Iron Division -3 (Kiln 5 & 6)						
12.	Near Control room	420	04.03.2026	05.03.2026	1816.25	2000
13.	Near Product bin	421	04.03.2026	05.03.2026	1665.30	2000
14.	Near Coal Crusher	422	04.03.2026	05.03.2026	1768.68	2000
15.	Coal Dryer	424	05.03.2026	06.03.2026	1775.96	2000

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

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

End of the Report

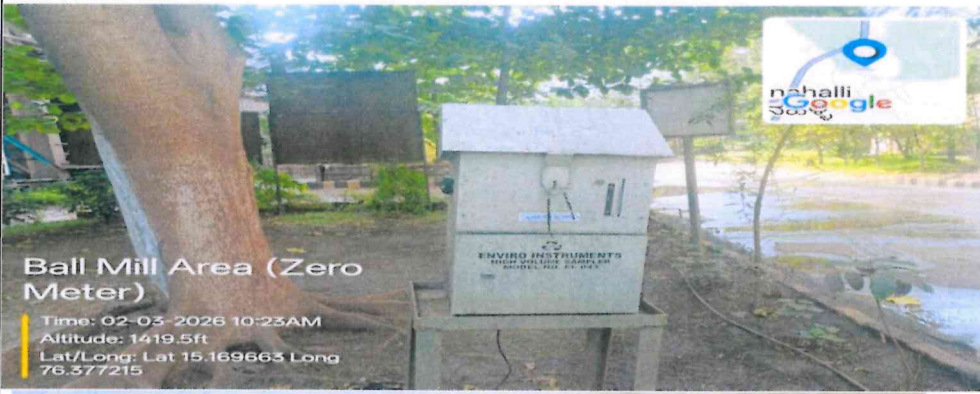


Reviewed & Authorized Signatory

R.M. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

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



Ball Mill Area (Zero Meter)

Time: 02-03-2026 10:23AM
Altitude: 1419.5ft
Lat/Long: Lat 15.169663 Long 76.377215



Concentrate Thickener

Time: 02-03-2026 10:30AM
Altitude: 1419.5ft
Lat/Long: Lat 15.170421 Long 76.377371



Near Cone crusher

Time: 02-03-2026 10:49AM
Altitude: 1549.1ft
Lat/Long: Lat 15.173697 Long 76.378673



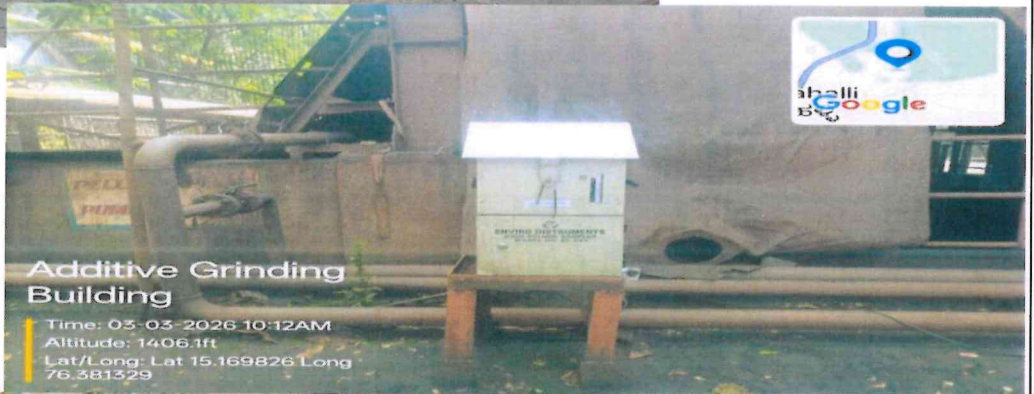
PR-6

Time: 02-03-2026 11:07AM
Altitude: 1161.9ft
Lat/Long: Lat 15.170663 Long 76.381921



Annual Cooler Pellet Discharge Point

Time: 02-03-2026 11:15AM
Altitude: 1161.9ft
Lat/Long: Lat 15.170663 Long 76.381921



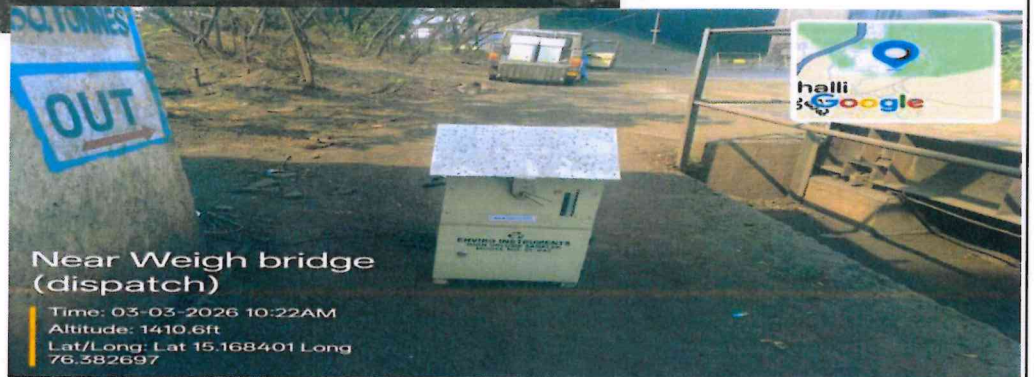
Additive Grinding Building

Time: 03-03-2026 10:12AM
Altitude: 1406.1ft
Lat/Long: Lat 15.169826 Long 76.381529



SID-2 Control room

Time: 04-03-2026 10:37AM
Altitude: 1545.9ft
Lat/Long: Lat 15.173697 Long 76.378673



Near Weigh bridge (dispatch)

Time: 03-03-2026 10:22AM
Altitude: 1410.6ft
Lat/Long: Lat 15.168401 Long 76.382697



Pellet Storage bin

Time: 03-03-2026 10:33AM
Altitude: 1410.6ft
Lat/Long: Lat 15.168401 Long 76.382697



Production Separation Bin-PSB

Time: 05-03-2026 10:42AM
Altitude: 1410.6ft
Lat/Long: Lat 15.168401 Long 76.382697



Transfer House area

Time: 05-03-2026 10:54AM
Altitude: 1410.6ft
Lat/Long: Lat 15.168401 Long 76.382697



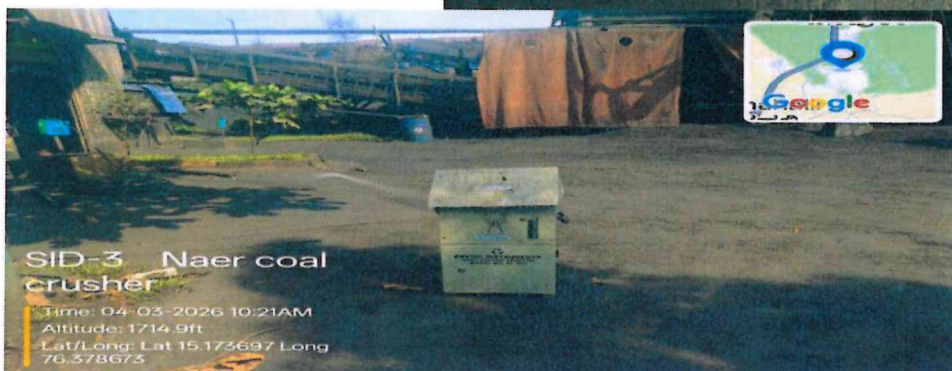
SID-3 Near Control room

Time: 04-03-2026 10:12AM
Altitude: 1714.9ft
Lat/Long: Lat 15.173697 Long 76.378673



Coal Dryer

Time: 05-03-2026 10:32AM
Altitude: 1290.9ft
Lat/Long: Lat 15.176994 Long 76.37625



SID-3 Naer coal crusher

Time: 04-03-2026 10:21AM
Altitude: 1714.9ft
Lat/Long: Lat 15.173697 Long 76.378673





SHRI KRISHNA AQUA ENGINEERING WORKS

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ANNEXURE-10A

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(1STFort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	02.04.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/270

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu\text{g}/\text{m}^3$)	Standard
V. Wagon Tipper/RMHS						
16.	Near Tipping point	423	04.03.2026	05.03.2026	1749.32	2000
17.	Monsoon Shed (CPU)	425	05.03.2026	06.03.2026	1726.78	2000
18.	MCC Room (2 nd Gate)	426	05.03.2026	06.03.2026	899.98	2000
Power plant -70M						
19.	70MW-DM Plant (Near R.O. Plant)	427	05.03.2026	06.03.2026	1785.71	2000
20.	2 nd gateweigh bridge Near Coal Screen	440	06.03.2026	07.03.2026	1763.96	2000
21.	CFBC boiler	428	05.03.2026	06.03.2026	335.49	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	441	06.03.2026	07.03.2026	1920.46	2000
23.	Near Coal storage Shed	442	06.03.2026	07.03.2026	1841.67	2000
24.	Dolochar Processing Area	443	06.03.2026	07.03.2026	761.26	2000

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

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

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



Reviewed & Authorized Signatory

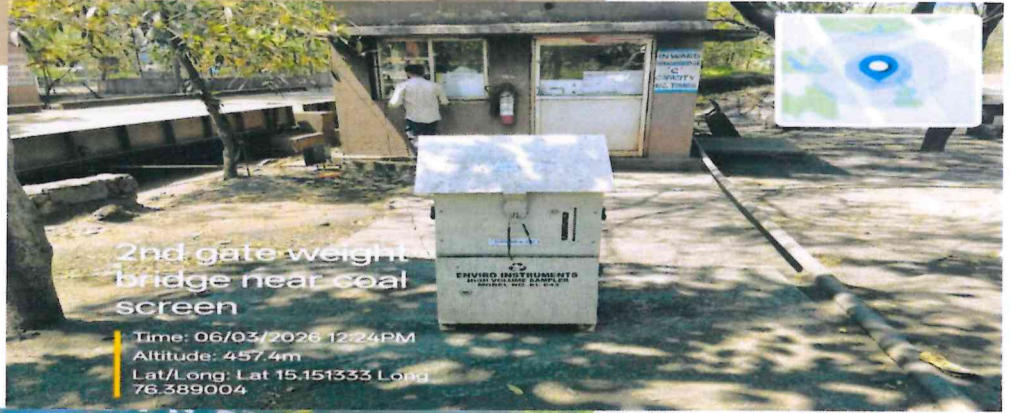
R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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SHRI KRISHNA AQUA ENGINEERING WORKS

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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.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	MARCH-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	:	02.04.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/289

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu\text{g}/\text{m}^3$)	Standard
I. Beneficiation Plant-II						
1.	Ball Mill Area (Zero Meter)	530	16.03.2026	17.03.2026	1870.45	2000
2.	Concentrate Thickner	531	16.03.2026	17.03.2026	593.32	2000
3.	Near Cone Crusher	532	16.03.2026	17.03.2026	774.35	2000
II. Pellet Plant-I						
4.	PR-6	533	16.03.2026	17.03.2026	1205.15	2000
5.	Annual Cooler Pellet Discharge bin	534	16.03.2026	17.03.2026	502.55	2000
6.	Additive Grinding Building	571	20.03.2026	21.03.2026	1491.09	2000
III. Sponge Iron Division -2 (Kiln 3&4)						
7.	Control room	545	17.03.2026	18.03.2026	1616.03	2000
8.	Near Weigh bridge (dispatch)	546	17.03.2026	18.03.2026	1905.00	2000
9.	Transfer House area	547	17.03.2026	18.03.2026	598.08	2000
10.	Production Separation Bin-PSB	548	17.03.2026	18.03.2026	433.04	2000
11.	Pellet Storage bin	549	17.03.2026	18.03.2026	1841.97	2000
IV. Sponge Iron Division -2 (Kiln 5&6)						
12.	Near Control room	572	20.03.2026	21.03.2026	1035.54	2000
13.	Near Coal Crusher	573	20.03.2026	21.03.2026	1299.46	2000
14.	Near Product bin	574	20.03.2026	21.03.2026	1848.69	2000
15.	Coal Drier	558	18.03.2026	19.03.2026	1805.06	2000

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

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

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



Reviewed & Authorized Signatory

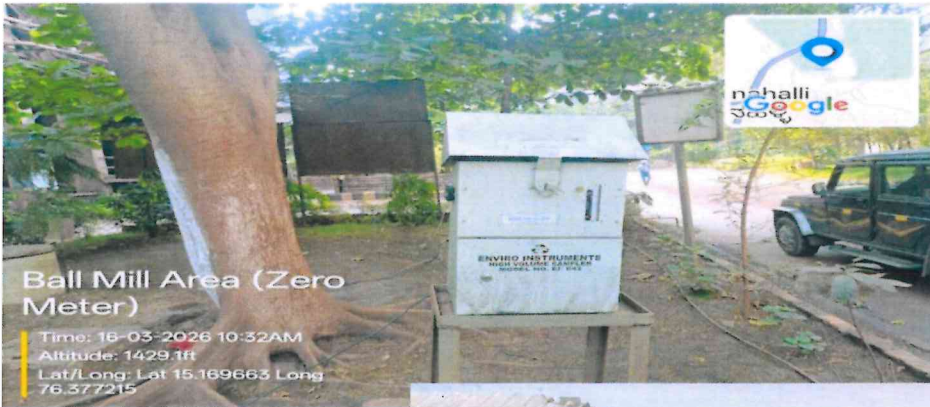
R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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FUGITIVE EMISSION MONITORING ANNEXURE-11



Ball Mill Area (Zero Meter)

Time: 16-03-2026 10:32AM
Altitude: 1429.1ft
Lat/Long: Lat 15.169663 Long 76.377215



Concentrate Thickener

Time: 16-03-2026 10:37AM
Altitude: 1491.5ft
Lat/Long: Lat 15.169663 Long 76.377215



Near Cone crusher

Time: 16-03-2026 10:44AM
Altitude: 1271.0ft
Lat/Long: Lat 15.173697 Long 76.378675



PR-6

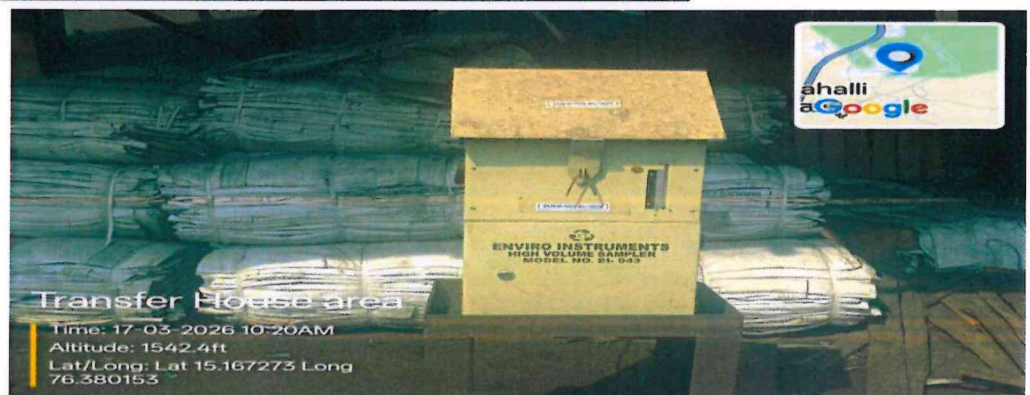
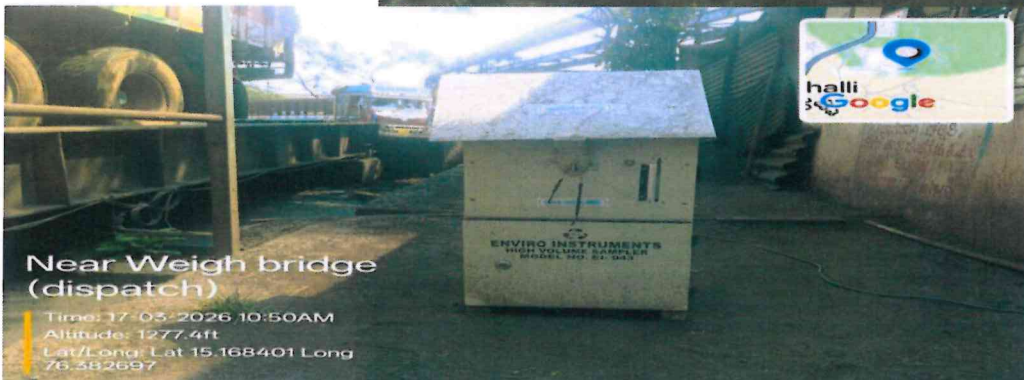
Time: 16-03-2026 10:56AM
Altitude: 1533.1ft
Lat/Long: Lat 15.170663 Long 76.381921



Annual Cooler Pellet Discharge Point

Time: 16-03-2026 11:00AM

FLUGTIVEMISSIONMONITORING ANNEXURE-11



FUGITIVEEMISSIONMONITORING ANNEXURE-11



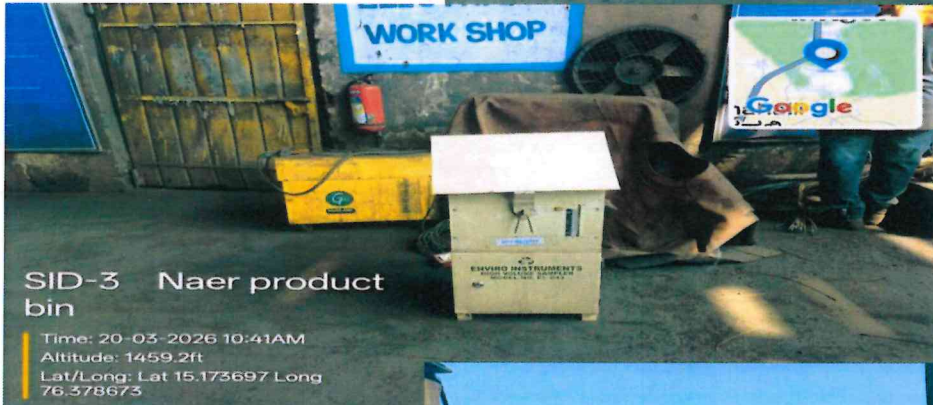
Pellet Storage bin

Time: 17-03-2026 10:32AM
Altitude: 1277.4ft
Lat/Long: Lat 15.168401 Long 76.382697



SID-3 Near Control room

Time: 20-03-2026 10:34AM
Altitude: 1331.5ft
Lat/Long: Lat 15.169663 Long 76.377215



SID-3 Naer product bin

Time: 20-03-2026 10:41AM
Altitude: 1459.2ft
Lat/Long: Lat 15.173697 Long 76.378673



SID-3 Naer coal crusher

Time: 20-03-2026 10:47AM
Altitude: 1459.2ft
Lat/Long: Lat 15.173697 Long 76.378673



Coal Dryer

Time: 18-03-2026 10:13AM
Altitude: 1294.1ft
Lat/Long: Lat 15.176994 Long 76.37625



SHRI KRISHNA AQUA ENGINEERING WORKS

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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-11A

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	MARCH-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	:	02.04.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/293

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu\text{g}/\text{m}^3$)	Standard
V. Wagon Tipper/RMHS						
16.	Near Tipping point	575	20.03.2026	21.03.2026	1424.92	2000
17.	Monsoon Shed (CPU)	559	18.03.2026	19.03.2026	1873.53	2000
18.	MCC Room (2 nd Gate)	560	18.03.2026	19.03.2026	929.03	2000
VI. Power Plant-70 MW						
19.	70MW-DM Plant (Near R.O. Plant)	561	18.03.2026	19.03.2026	1095.31	2000
20.	2 nd gate weigh bridge Near Coal Screen	576	21.03.2026	21.03.2026	1756.45	2000
21.	CFBC boiler	561	18.03.2026	19.03.2026	1347.87	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	577	21.03.2026	21.03.2026	550.18	2000
23.	Near Coal storage Shed	578	21.03.2026	21.03.2026	1759.58	2000
24.	CPP Dolochar Process Area	579	21.03.2026	21.03.2026	459.10	2000

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

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

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



Reviewed & Authorized Signatory

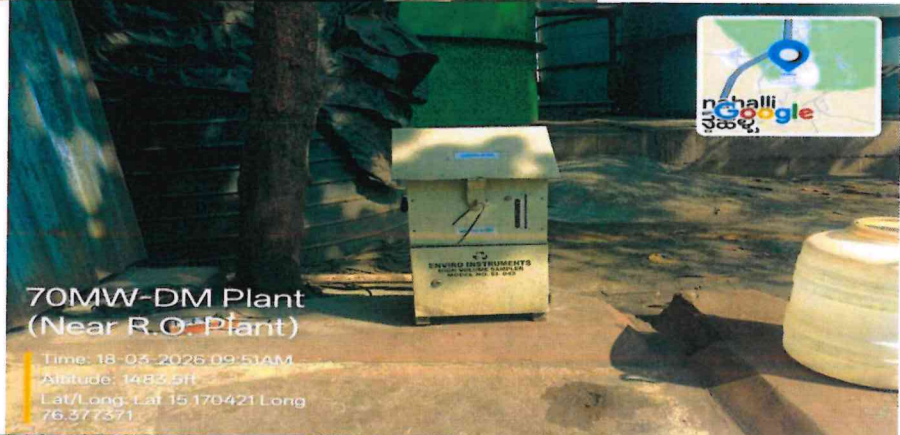
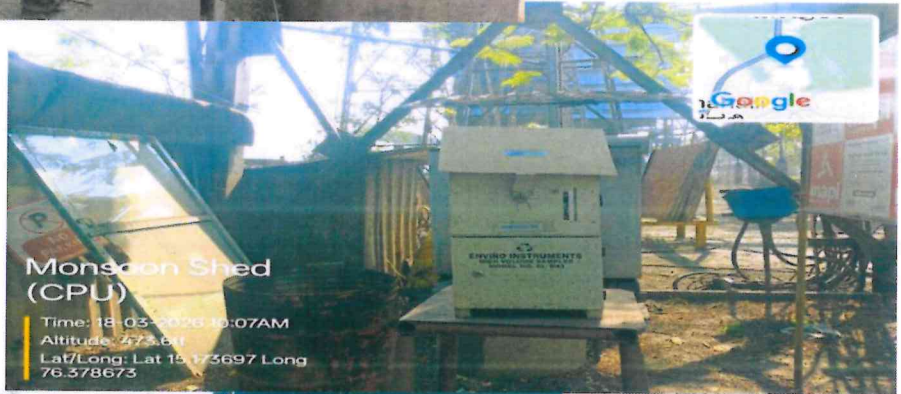
R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

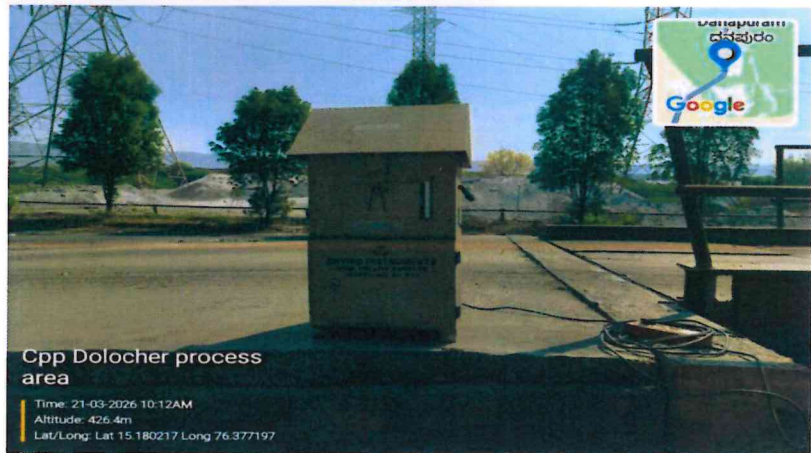
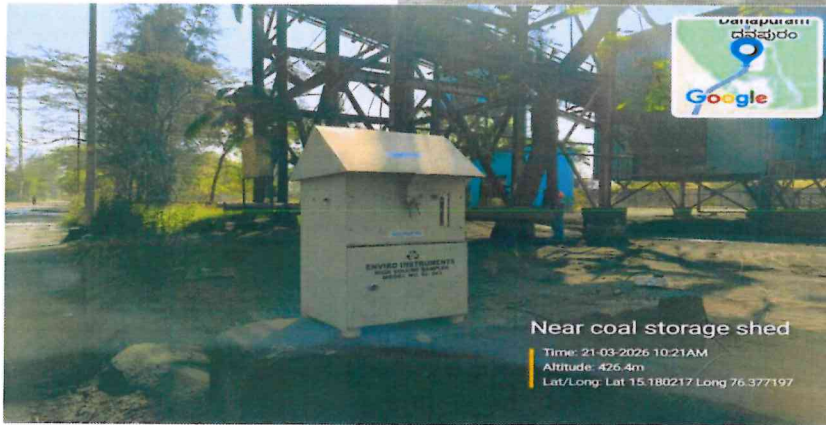
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FUGITIVE EMISSION MONITORING ANNEXURE-11A



FLUGTIVE EMISSION MONITORING ANNEXURE-11A





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.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	MARCH-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	:	02.04.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/315

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu\text{g}/\text{m}^3$)	Standard
Blast Furnace						
1.	RMHS	642	25.03.2026	26.03.2026	1052.46	2000
2.	Stock House	661	26.03.2026	27.03.2026	1704.49	2000
3.	Gas Network Area	662	26.03.2026	27.03.2026	920.39	2000
4.	Blower Area	663	26.03.2026	27.03.2026	1528.87	2000
5.	Gas Cleaning plant (GCP)	664	26.03.2026	27.03.2026	1193.71	2000
6.	Stove Area	665	26.03.2026	27.03.2026	1587.57	2000
7.	Control ROOM (CR)	669	27.03.2026	28.03.2026	1580.81	2000
8.	Pig Costing Machine (PCM)	670	27.03.2026	28.03.2026	1226.95	2000
9.	Slag Granulation Plant (SGP)	666	26.03.2026	27.03.2026	1440.55	2000
10.	Cost House Area	674	27.03.2026	28.03.2026	450.50	2000
SMS Area						
1.	Stock House/Vibro Feeders	671	27.03.2026	28.03.2026	1295.84	2000
2.	Ladle Tapping	672	27.03.2026	28.03.2026	1440.46	2000
3.	Slag pouring Area	673	27.03.2026	28.03.2026	916.44	2000
MBM						
1.	Near Re-Heating Furnace	675	28.03.2026	30.03.2026	815.96	2000

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

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

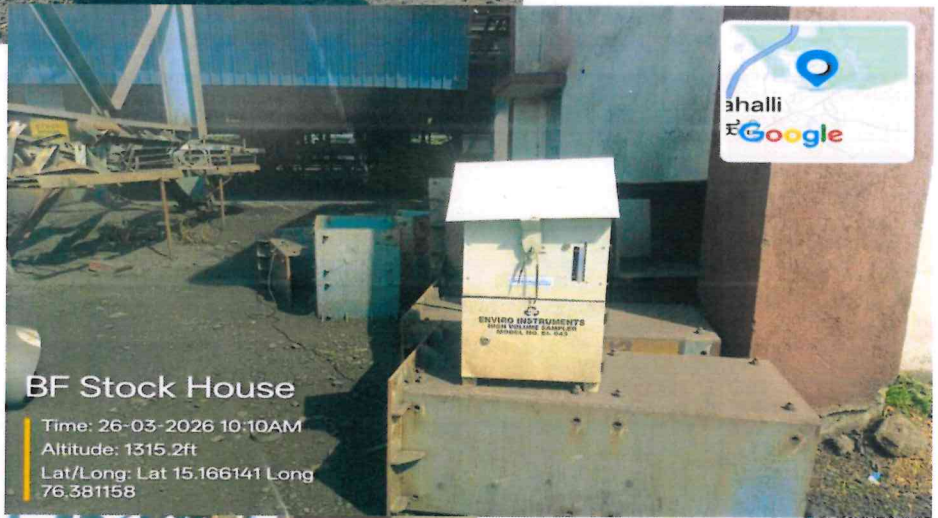
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FUGITIVE EMISSION MONITORING ANNEXURE-12



BF RMHS

Time: 25-03-2026 10:48AM
Altitude: 1315.2ft
Lat/Long: Lat 15.166141 Long 76.381158



BF Stock House

Time: 26-03-2026 10:10AM
Altitude: 1315.2ft
Lat/Long: Lat 15.166141 Long 76.381158



BF Gas Network Area

Time: 26-03-2026 10:17AM
Altitude: 1366.1ft
Lat/Long: Lat 15.166141 Long 76.381158



Stove Area

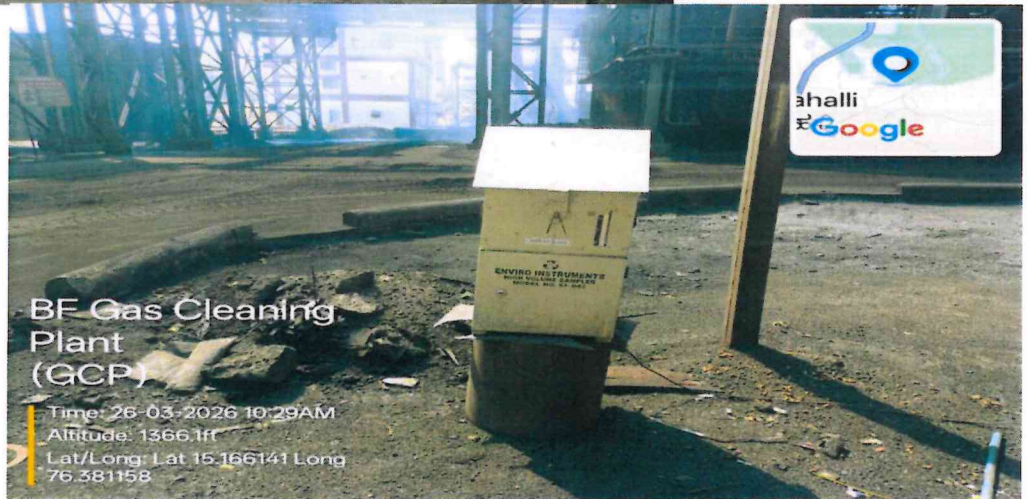
Time: 26-03-2026 10:33AM
Altitude: 1366.1ft
Lat/Long: Lat 15.166141 Long 76.381158

FUGITIVE EMISSION MONITORING ANNEXURE-12



Blower Area

Time: 26-03-2026 10:25AM
Altitude: 1366.1ft
Lat/Long: Lat 15.166141 Long 76.381158



BF Gas Cleaning Plant (GCP)

Time: 26-03-2026 10:29AM
Altitude: 1366.1ft
Lat/Long: Lat 15.166141 Long 76.381158



Pig Costing Machine (PCM)

Time: 27-03-2026 10:01AM
Altitude: 1366.1ft
Lat/Long: Lat 15.165311 Long 76.365538



Control Room (CR)

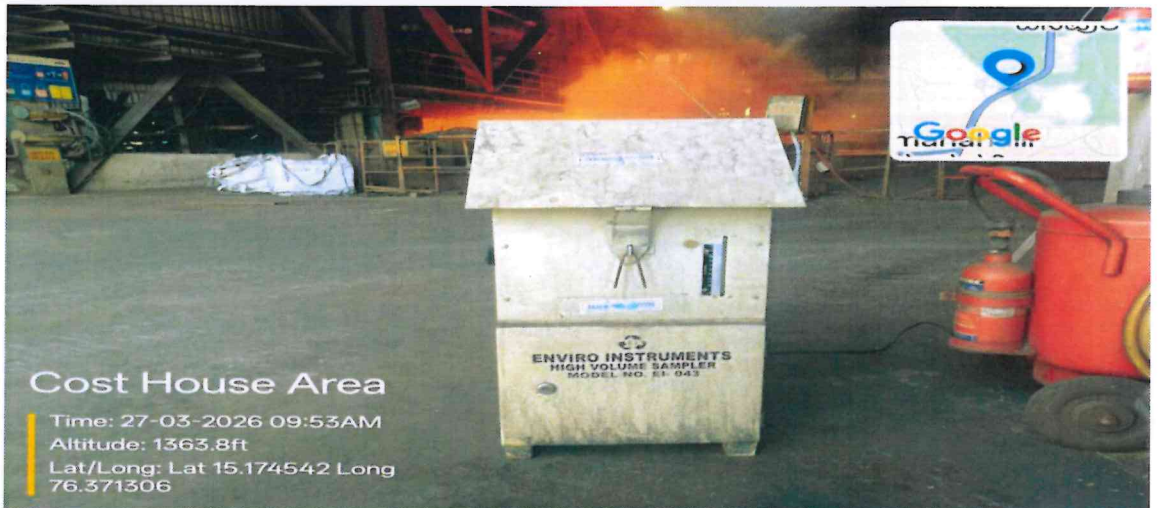
Time: 27-03-2026 09:51AM
Altitude: 1363.8ft
Lat/Long: Lat 15.174542 Long 76.371306

FLUGTIVE EMISSION MONITORING ANNEXURE-12



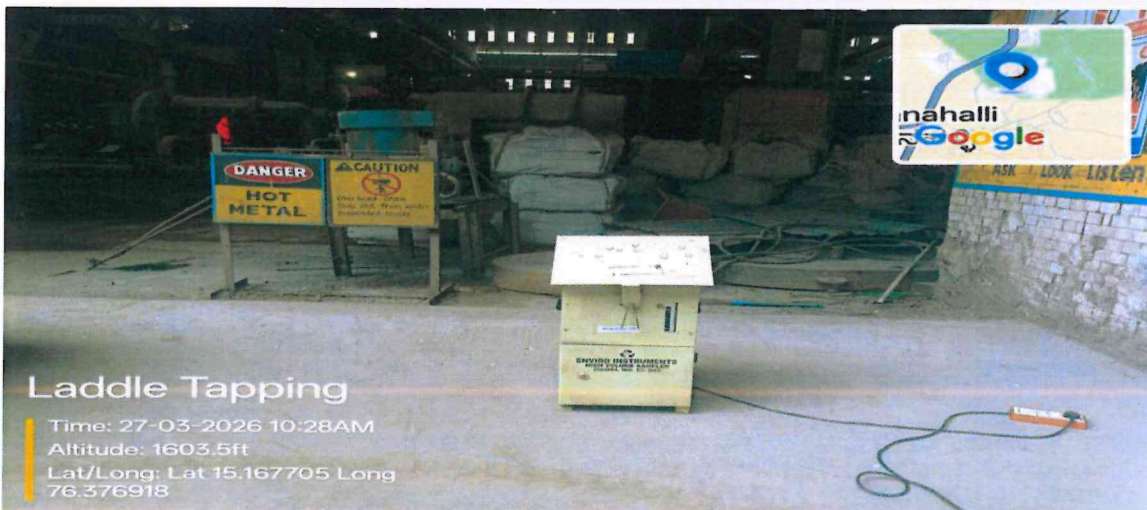
Slag Pouring Area

Time: 27-03-2026 10:16AM
Altitude: 1603.5ft
Lat/Long: Lat 15.167705 Long 76.376918



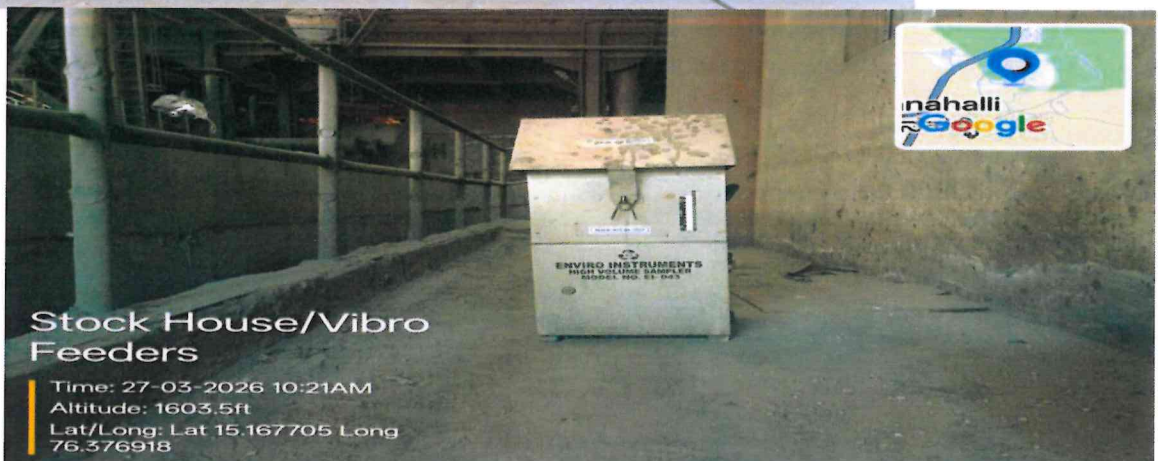
Cost House Area

Time: 27-03-2026 09:53AM
Altitude: 1363.8ft
Lat/Long: Lat 15.174542 Long 76.371306



Ladle Tapping

Time: 27-03-2026 10:28AM
Altitude: 1603.5ft
Lat/Long: Lat 15.167705 Long 76.376918



Stock House/Vibro Feeders

Time: 27-03-2026 10:21AM
Altitude: 1603.5ft
Lat/Long: Lat 15.167705 Long 76.376918





SHRI KRISHNA AQUA ENGINEERING WORKS

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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Pellet Plant-1 ESP
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	04.03.2026 & 18.03.2026
12	Date of Sample Analysis	:	05.03.2026 & 20.03.2026
13	Date of Sample Analysis completion	:	05.03.2026 & 20.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	ULR-TC1723126000000264F

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				03.03.2026	17.03.2026	
	Date of Sample Collected					
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	55	58	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.78	5.53	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	28.15	29.07	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	117	103	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.012	0.014	1

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-13A
Format No: SKAEW/7.8/RF/C/01

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-1 ESP
10	Month of Sampling	: MARCH-2026
11	Date of Sample Received	: 04.03.2026 & 18.03.2026
12	Date of Sample Analysis	: 05.03.2026 & 20.03.2026
13	Date of Sample Analysis completion	: 05.03.2026 & 20.03.2026
14	Report Issued Date	: 02.04.2026
15	Report Number	: SKAEW/BMMIL/STACK /2026-27/264

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				03.03.2026	17.03.2026	
	Date of Sample Collected					
	Sample Code			405	544	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	30	28	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	10	15.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	316397	304003	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	287307	272578	-

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

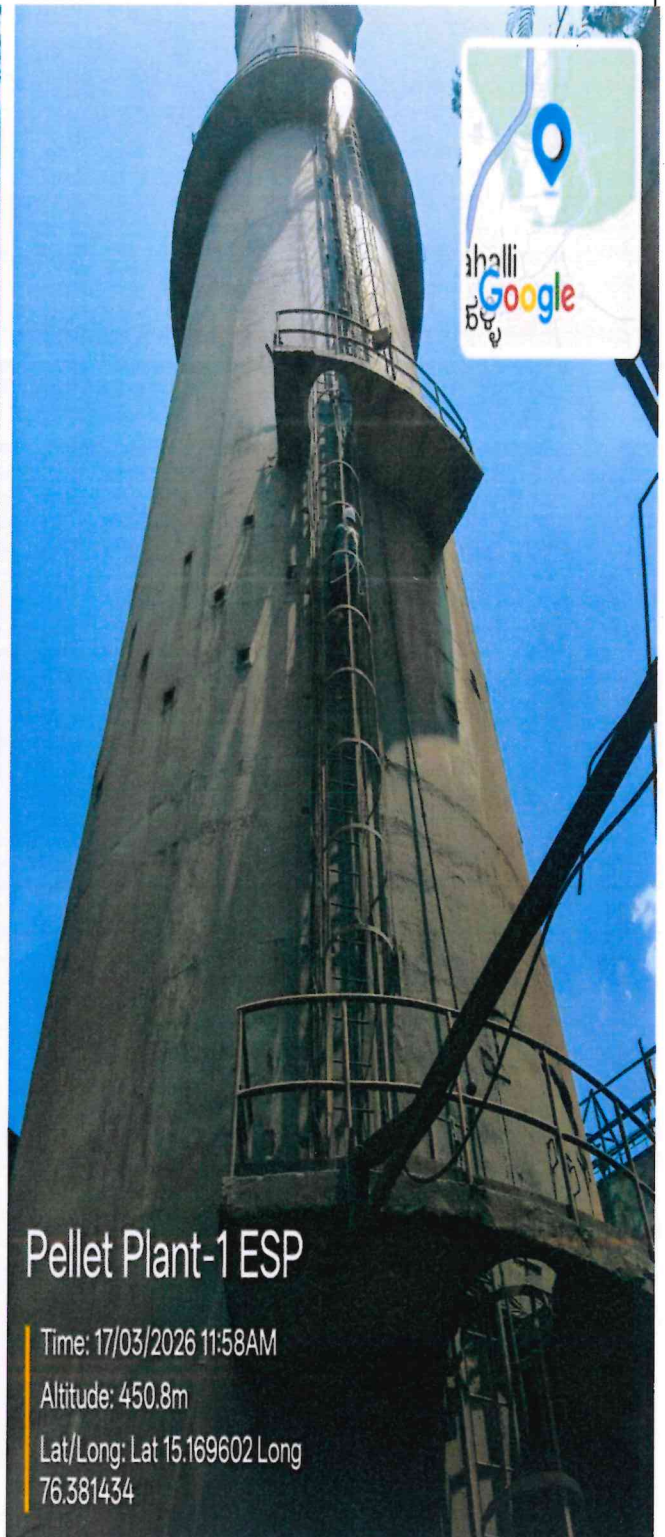
Mrs. Radha M Bengeri
Technical Manger

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STACKEMISSION LOCATIONS

Pellet Plant-1 ESP





SHRI KRISHNA AQUA ENGINEERING WORKS

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TC-17231

ANNEXURE-14
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	2X100 TPD Sponge iron plant Kiln 1 & 2
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	08.03.2026 & 24.03.2026
12	Date of Sample Analysis	:	09.03.2026 & 25.03.2026
13	Date of Sample Analysis completion	:	09.03.2026 & 25.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	ULR-TC1723126000000273F

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				07.03.2026	23.03.2026	
	Date of Sample Collected			448	605	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	175	178	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.31	6.18	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	18.73	20.25	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	329	341.0	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.124	0.138	1

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	2X100 TPD Sponge iron plant Kiln 1 & 2
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	08.03.2026 & 24.03.2026
12	Date of Sample Analysis	:	10.03.2026 & 25.03.2026
13	Date of Sample Analysis completion	:	10.03.2026 & 25.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	SKAEW/BMMIL/STACK /2026-27/273

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				07.03.2026	23.03.2026	
	Date of Sample Collected			448	605	
	Sample Code			30	30	-
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	30	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	53.0	61.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	71406	69905	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	47367	46178	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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STACK EMISSION LOCATIONS
2X100 TPD Sponge iron plant Kiln 1 & 2





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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (1st Fort Night)-
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	02.04.2026
14	Report Number	:	-

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	Ta °C	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/N m ³
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 Furnace 1 & 2	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
1	Induction Furnace 1	-	-
2	Induction Furnace 2	-	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-15A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (1st Fort Night)
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	02.04.2026
14	Report Number	:	-

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	Ta °C	TS °C	V m/Sec	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****



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- (*) Details as Furnished by Customer.
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TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler 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	:	MARCH-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	02.04.2026
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
				1 st Fort Night	2 nd Fort Night	
				-	-	
	Date of Sample Collected					
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C			-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec			-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	Shut down	Shut down	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****



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-16A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Rolling Mill Reheating furnace
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	02.04.2026
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
				1 st Fort Night	2 nd Fort Night	
				-	-	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	-	-	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	SHUT DOWN	SHUT DOWN	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****



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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TC-17231

ANNEXURE-17
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	AFBC Boiler ESP (25 MW Power Plant)-
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	02.04.2026
15	Report Number	:	-

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				-	-	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	-	-	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	-	-	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	Shut down	Shut down	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****



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-17A
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	AFBC Boiler ESP (25 MW Power Plant)
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	02.04.2026
15	Report Number	:	-

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				-	-	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C			-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	SHUT DOWN	SHUT DOWN	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****



Reviewed & Authorized Signatory

R. M. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

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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.. 4500004504 Dated 09.01.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : MARCH-2026 (1st Fort Night)
- 10 Date of Sample Received : 13.03.2026
- 11 Date of Sample Analysis : 14.03.2026
- 12 Date of Sample Analysis completion : 14.03.2026
- 13 Report Issued Date : 02.04.2026
- 14 Report Number : ULR-TC1723126000000283F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant -I										
1	Iron Ore dump hopper	12.03.2026	507	-	33	5.15	30	0.4	13.89	50
2	Iron Ore Screen bin	12.03.2026	508	-	34	5.02	30	0.4	15.71	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore dump hopper	2328	-
2	Iron Ore Screen bin	2269	-

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

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-18A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MARCH-2026 (1st Fort Night)
10	Date of Sample Received	: 13.03.2026
11	Date of Sample Analysis	: 14.03.2026
12	Date of Sample Analysis completion	: 14.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/283

Sl. No	Beneficiation Plant	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)						
Beneficiation Plant -I						
1	Iron Ore dump hopper	12.03.2026	507	33	2230	-
2	Iron Ore Screen bin	12.03.2026	508	34	2165	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

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2. Samples are Retained for 15 days after issue of test reports.
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TC-17231

ANNEXURE-19

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

Analysis Report of Stack Emission

- | | | | |
|----|------------------------------------|---|--|
| 1 | Name of the Industry | : | BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District. |
| 2 | Customer Reference | : | WORKORDER NO.. 4500004504 Dated 09.01.2026 |
| 3 | Sample collected by | : | Shri Krishna Aqua Engineering Works |
| 4 | Particulars of sample collected | : | Stack Sampler
Sl. No: PT-25/2019 |
| 5 | Instrument Details | : | Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026 |
| 6 | Discipline | : | Chemical |
| 7 | Group | : | Atmospheric Pollution |
| 8 | Sample Type | : | Stack Monitoring |
| 9 | Month of Sampling | : | MARCH-2026 (1st Fort Night) |
| 10 | Date of Sample Received | : | 11.03.2026 |
| 11 | Date of Sample Analysis | : | 12.03.2026 |
| 12 | Date of Sample Analysis completion | : | 12.03.2026 |
| 13 | Report Issued Date | : | 02.04.2026 |
| 14 | Report Number | : | ULR-TC1723126000000277F |

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
RMHS										
3	Screen, Coal Crusher (CPU)	10.03.2026	480	-	41	5.09	35	1.5	35.10	50
4	Main Crusher	09.03.2026	479	-	35	4.79	25	0.5	24.53	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	32354	-
4	Main Crusher	3390	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (1st Fort Night)
10	Date of Sample Received	:	11.03.2026
11	Date of Sample Analysis	:	12.03.2026
12	Date of Sample Analysis completion	:	12.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/STACK /2026-27/277

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)	10.03.2026	480	34	30548	-
4	Main Crusher	09.03.2026	479	30	3262	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical 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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TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (1st Fort Night)
10	Date of Sample Received	:	03.03.2026 & 04.03.2026
11	Date of Sample Analysis	:	04.03.2026 & 05.03.2026
12	Date of Sample Analysis completion	:	04.03.2026 & 05.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC1723126000000265F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant -I										
5	AGB Main Bag Filter	03.03.2026	407	-	36	4.98	6.5	0.50	17.87	50
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	03.03.2026	408	-	38	4.80	3.0	0.30	17.08	50
7	Bentonite Powder bin top bag filter	03.03.2026	409	-	39	4.64	3.0	0.30	23.28	50
8	H-4 Conveyor discharge bag filter	Shutdown	-	-	-	-	7.0	0.50	-	50
9	P-1 Bag Filter	04.03.2026	410	-	36	4.90	7.0	0.50	30.33	50

Sl. No	Pellet Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
5	AGB Main Bag Filter	3520	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	1221	-
7	Bentonite Powder bin top bag filter	1182	-
8	H-4 Conveyor discharge bag filter	-	-
9	P-1 Bag Filter	3461	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : **MARCH-2026 (1st Fort Night)**
- 10 Date of Sample Received : 03.03.2026 & 04.03.2026
- 11 Date of Sample Analysis : 04.03.2026 & 05.03.2026
- 12 Date of Sample Analysis completion : 04.03.2026 & 05.03.2026
- 13 Report Issued Date : **02.04.2026**
- 14 Report Number : **SKAEW/BMMIL/STACK /2026-27/265**

Sl. No	Pellet Plant	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)						
Pellet Plant -I						
5	AGB Main Bag Filter	03.03.2026	407	31	3391	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	03.03.2026	408	33	1167	-
7	Bentonite Powder bin top bag filter	03.03.2026	409	34	1125	-
8	H-4 Conveyor discharge bag filter	Shutdown	-	-	-	-
9	P-1 Bag Filter	04.03.2026	410	31	3331	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical 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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TC-17231

ANNEXURE-21

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (1st Fort Night)
10	Date of Sample Received	:	12.03.2026 & 13.03.2026
11	Date of Sample Analysis	:	13.03.2026 & 14.03.2026
12	Date of Sample Analysis completion	:	13.03.2026 & 14.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC172312600000279F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 100 TPD Sponge Iron Kiln 1 & 2										
10	Cooler-1 Discharge & Blending Chute	11.03.2026	495	---	38	4.96	30	1.20	25.58	50
11	Cooler-2 Discharge	13.03.2026	517	---	35	4.55	30	1.20	28.15	50
12	Intermediate Bin & Blending	13.03.2026	518	---	36	4.82	30	1.20	21.89	50
13	Product House	13.03.2026	519	---	39	5.10	30	1.20	30.19	50

Sl. No	2 X 100 TPD Sponge Iron Kiln 1 & 2.	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
10	Cooler-1 Discharge & Blending Chute	20192	-
11	Cooler-2 Discharge	18518	-
12	Intermediate Bin & Blending	19646	-
13	Product House	20751	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-21A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (1st Fort Night)
10	Date of Sample Received	:	12.03.2026 & 13.03.2026
11	Date of Sample Analysis	:	13.03.2026 & 14.03.2026
12	Date of Sample Analysis completion	:	13.03.2026 & 14.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/STACK /2026-27/279

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						
10	Cooler-1 Discharge & Blending Chute	11.03.2026	495	34	19279	-
11	Cooler-2 Discharge	13.03.2026	517	30	17891	-
12	Intermediate Bin & Blending	13.03.2026	518	31	18909	-
13	Product House	13.03.2026	519	34	19724	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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TC-17231

ANNEXURE-22
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (2nd Fort Night)
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	02.04.2026
14	Report Number	:	-

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	Ta °C	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Induction Furnance 1 & 2											
1	Induction Furnance 1	SHUT DOWN	-	Electric	-	-	-	30	1.2	-	50
2	Induction Furnance 2	SHUT DOWN	-	Power	-	-	-	30	1.3	-	50

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

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-22A
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (2ndFort Night)
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	02.04.2026
14	Report Number	:	-

Sl. No	Induction Furnance 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****



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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TC-17231

ANNEXURE-23

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler 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	: MARCH-2026 (2nd Fort Night)
10	Date of Sample Received	: 23.03.2026
11	Date of Sample Analysis	: 24.03.2026
12	Date of Sample Analysis completion	: 24.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: ULR-TC1723126000000298F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant										
1	Iron Ore dump hopper	23.03.2026	597	---	36	4.95	30	0.4	15.82	50
2	Iron Ore Screen bin	23.03.2026	598	---	37	5.03	30	0.4	13.26	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore dump hopper	2240	-
2	Iron Ore Screen bin	2277	-

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-23A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (2nd Fort Night)
10	Date of Sample Received	:	23.03.2026
11	Date of Sample Analysis	:	24.03.2026
12	Date of Sample Analysis completion	:	24.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/STACK /2026-27/298

Sl. No	Beneficiation Plant	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)						
Beneficiation Plant						
1	Iron Ore dump hopper	23.03.2026	597	31	2158	-
2	Iron Ore Screen bin	23.03.2026	598	33	2182	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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TC-17231

ANNEXURE-24
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (2nd Fort Night)
10	Date of Sample Received	:	21.03.2026
11	Date of Sample Analysis	:	23.03.2026
12	Date of Sample Analysis completion	:	23.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC172312600000295F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
RMHS										
3	Screen, Coal Crusher(CPU)	21.03.2025	582	-	41	5.18	30	1.50	34.05	50
4	Main Crusher	21.03.2025	583	-	3	4.86	25	0.50	13.44	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	32967	-
4	Main Crusher	3438	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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ANNEXURE-24A
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (2nd Fort Night)
10	Date of Sample Received	:	21.03.2026
11	Date of Sample Analysis	:	23.03.2026
12	Date of Sample Analysis completion	:	23.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/STACK /2026-27/234

Sl. No	Beneficiation Plant	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)	21.03.2026	582	33	31131	
4	Main Crusher	21.03.2026	583	34	3276	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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SHRI KRISHNA AQUA ENGINEERING WORKS

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TC-17231

ANNEXURE-25

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (2nd Fort Night)
10	Date of Sample Received	:	18.03.2026 & 19.03.2026
11	Date of Sample Analysis	:	19.03.2026 & 20.03.2026
12	Date of Sample Analysis completion	:	19.03.2026 & 20.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC1723126000000290F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-I										
5	AGB Main Bag Filter	17.03.2026	539	---	34	4.84	6.5	0.50	20.04	50
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	17.03.2026	540	---	36	4.69	3.0	0.30	18.86	50
7	Bentonite Powder bin top bag filter	17.03.2026	541	---	37	4.93	3.0	0.30	21.33	50
8	H-4 Conveyor discharge bag filter	SHUTDOWN	-	---	-		7.0	0.50	-	50
9	P-1 Bag Filter	18.03.2026	555	---	38	4.82	7.0	0.50	32.57	50

Sl. No	Pellet Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
5	AGB Main Bag Filter	3425	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	1193	-
7	Bentonite Powder bin top bag filter	1255	-
8	H-4 Conveyor discharge bag filter	-	-
9	P-1 Bag Filter	3411	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-25A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: MARCH-2026 (2nd Fort Night)
10	Date of Sample Received	: 18.03.2026 & 19.03.2026
11	Date of Sample Analysis	: 19.03.2026 & 20.03.2026
12	Date of Sample Analysis completion	: 19.03.2026 & 20.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/290

Sl. No	Pellet Plant	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)						
Pellet Plant-I						
5	AGB Main Bag Filter	17.03.2026	539	30	3308	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	17.03.2026	540	32	1143	-
7	Bentonite Powder bin top bag filter	17.03.2026	541	33	1197	-
8	H-4 Conveyor discharge bag filter	SHUTDOWN	-	-	-	-
9	P-1 Bag Filter	18.03.2026	555	30	3263	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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TC-17231

ANNEXURE-26
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	MARCH-2026 (2nd Fort Night)
10	Date of Sample Received	:	27.03.2026 & 28.03.2026
11	Date of Sample Analysis	:	28.03.2026 & 30.03.2026
12	Date of Sample Analysis completion	:	28.03.2026 & 30.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC1723126000000318F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/N m ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 100 TPD Sponge Iron Kiln 1 & 2										
10	Cooler-1 Discharge & Blending Chute	26.03.2026	654	---	39	5.14	30	1.20	27.37	50
11	Cooler-2 Discharge	26.03.2026	655	---	40	4.67	30	1.20	26.01	50
12	Intermediate Bin & Blending	27.03.2026	667	---	35	4.61	30	1.20	25.81	50
13	Product House	27.03.2026	668	---	36	4.88	30	1.20	28.38	50

Sl. No	2 X 100 TPD Sponge Iron Kiln 1 & 2	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
10	Cooler-1 Discharge & Blending Chute	20918	-
11	Cooler-2 Discharge	19017	-
12	Intermediate Bin & Blending	18769	-
13	Product House	19882	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-26A

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : **MARCH-2026 (2nd Fort Night)**
- 10 Date of Sample Received : 27.03.2026 & 28.03.2026
- 11 Date of Sample Analysis : 28.03.2026 & 30.03.2026
- 12 Date of Sample Analysis completion : 28.03.2026 & 30.03.2026
- 13 Report Issued Date : **02.04.2026**
- 14 Report Number : **SKAEW/BMMIL/STACK /2026-27/318**

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-1 Discharge & Blending Chute	26.03.2026	654	34	19890	-
11	Cooler-2 Discharge	26.03.2026	655	35	18012	-
12	Intermediate Bin & Blending	27.03.2026	667	30	18126	-
13	Product House	27.03.2026	668	31	19127	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-2 ESP
10	Month of Sampling	: MARCH-2026
11	Date of Sample Received	: 03.03.2026 & 17.03.2026
12	Date of Sample Analysis	: 04.03.2026 & 18.03.2026
13	Date Sample Analysis Completion	: 04.03.2026 & 18.03.2026
14	Report Issued Date	: 02.04.2026
15	Report Number	: ULR-TC172312600000259F

Stack Details (*)

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				02.03.2026	16.03.2026	
	Date of Sample Collected					
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	385	526	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.71	5.82	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	34.53	31.34	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	117.0	78.0	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.012	0.016	1%

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-27A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Pellet Plant-2 ESP
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	03.03.2026 & 17.03.2026
12	Date of Sample Analysis	:	04.03.2026 & 18.03.2026
13	Date Sample Analysis Completion	:	04.03.2026 & 18.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	SKAEW/BMMIL/STACK /2026-27/259

Stack Details (*)

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				02.03.2026	16.03.2025	
	Date of Sample Collected					
	Sample Code			385	526	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	30	28	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	10.0	16.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	312856	318448	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	280263	282978	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

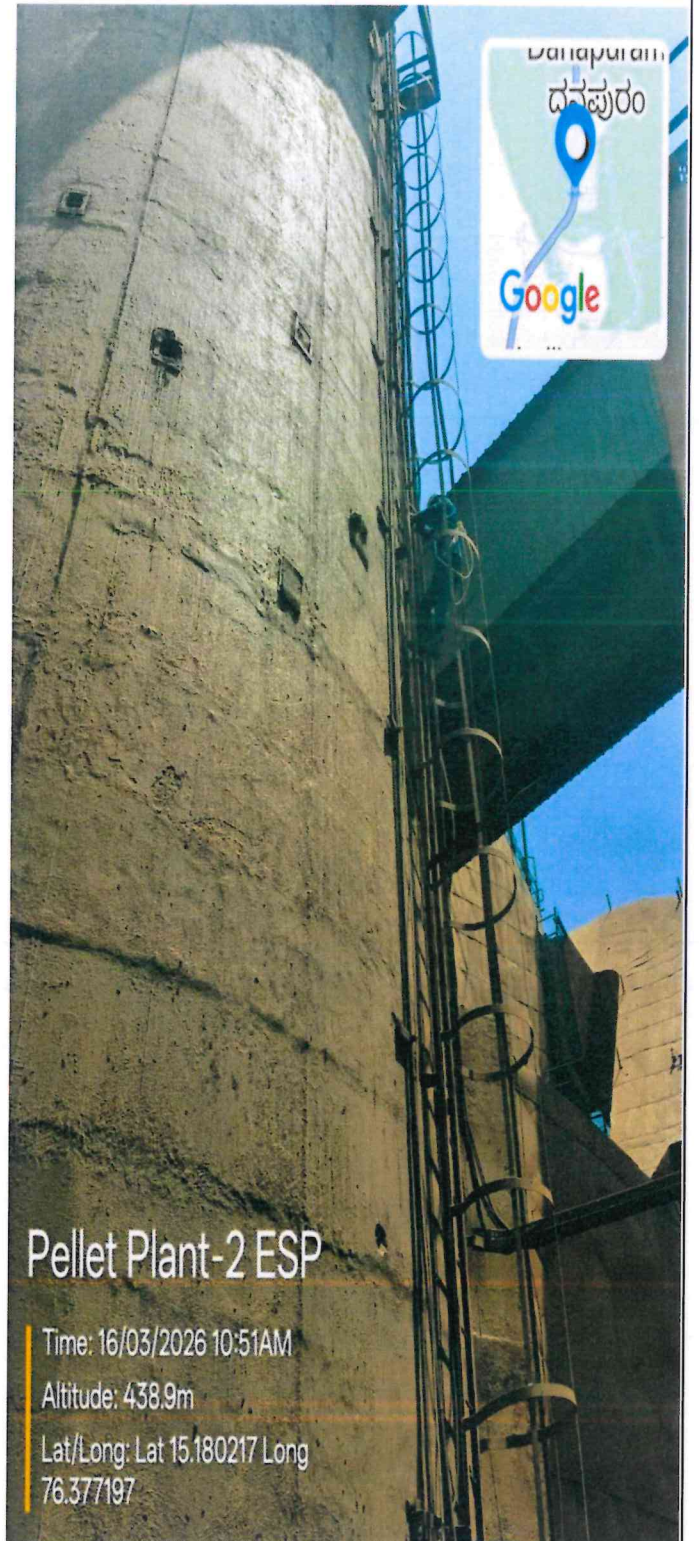
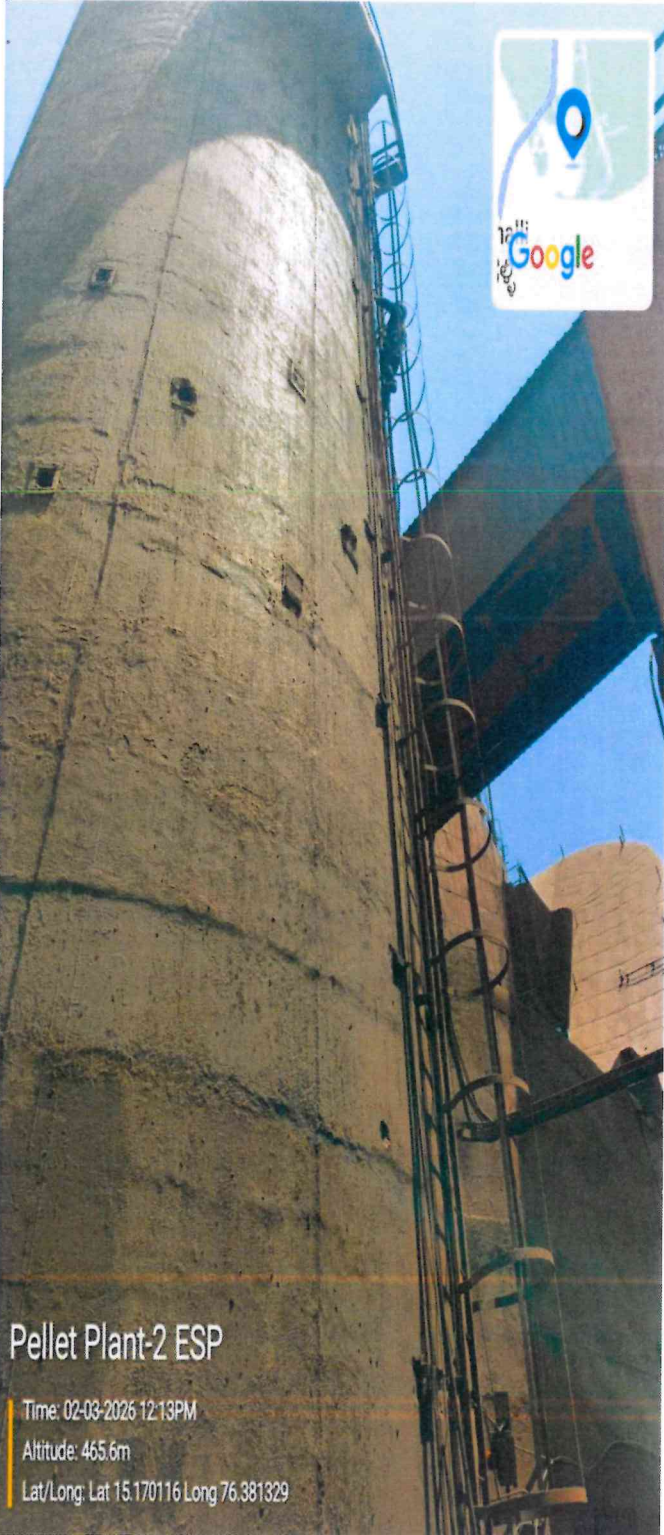
Mrs. Radha M Bengeri
Technical Manger

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STACK EMISSION LOCATIONS

Pellet Plant-2 ESP





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TC-17231

ANNEXURE-28

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	SID Axis 3&4
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	05.03.2026 & 20.03.2026
12	Date of Sample Analysis	:	06.03.2026 & 21.03.2026
13	Date Sample Analysis Completion	:	06.03.2026 & 21.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	ULR-TC1723126000000266F

Stack Details (*)

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				04.03.2026	18.03.2026	
	Date of Sample Collected					
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	130	131	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.58	6.17	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	29.01	28.65	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	358	378	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.051	0.068	1%

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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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.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: SID Axis 3&4
10	Month of Sampling	: MARCH-2026
11	Date of Sample Received	: 05.03.2026 & 20.03.2026
12	Date of Sample Analysis	: 06.03.2026 & 21.03.2026
13	Date Sample Analysis Completion	: 06.03.2026 & 21.03.2026
14	Report Issued Date	: 02.04.2026
15	Report Number	: SKAEW/BMMIL/STACK /2026-27/266

Stack Details (*)

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				04.03.2026	18.03.2026	
	Date of Sample Collected			414	550	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	29	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	38.0	42.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	167401	157004	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	123606	115749	-

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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STACK EMISSION LOCATIONS

SID Axis 3&4

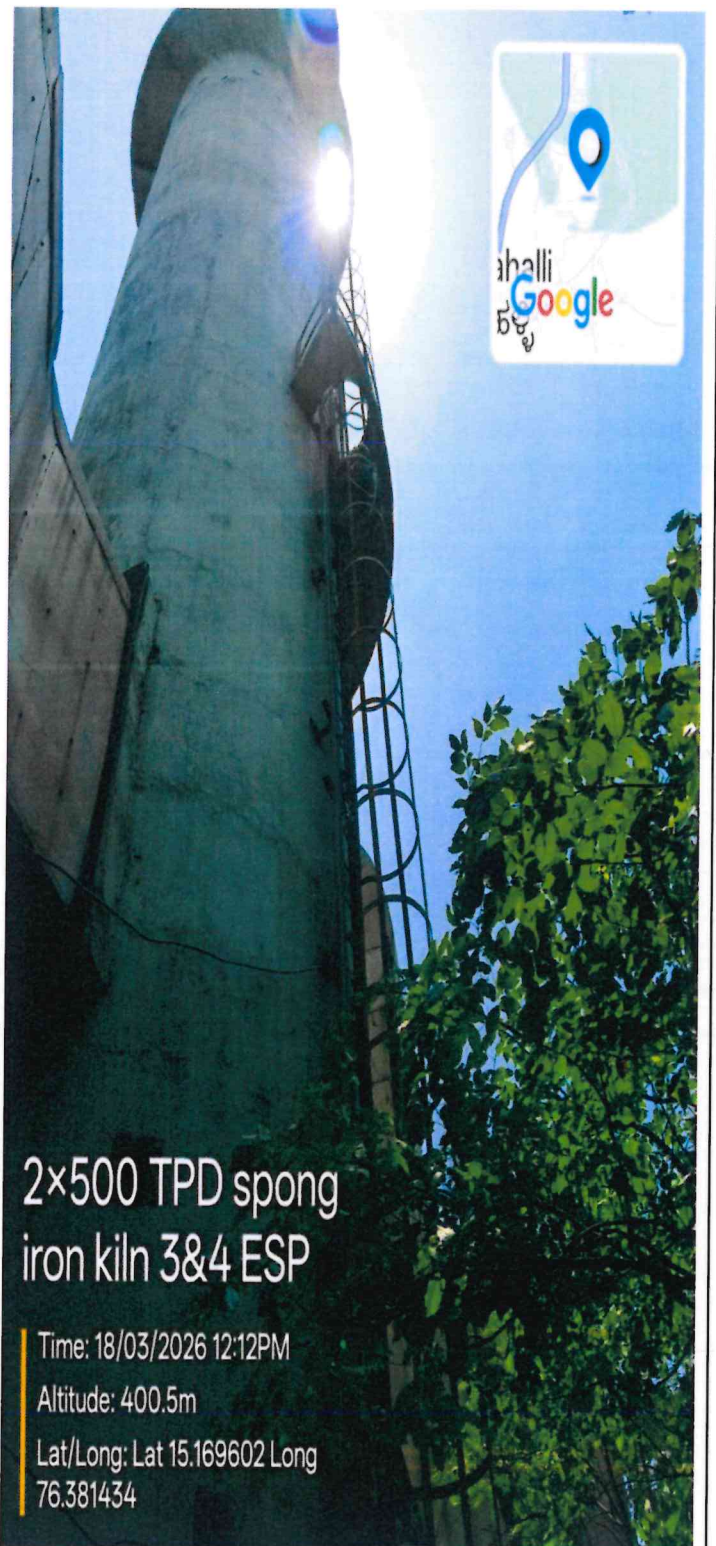


2x500 TPD Spong iron
Plant Kiln 3&4 ESP

Time: 04-03-2026 11:42AM

Altitude: 434.5m

Lat/Long: Lat 15.169602 Long 76.381434



2x500 TPD spong
iron kiln 3&4 ESP

Time: 18/03/2026 12:12PM

Altitude: 400.5m

Lat/Long: Lat 15.169602 Long
76.381434



SHRI KRISHNA AQUA ENGINEERING WORKS

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TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	SID Axis 5&6
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	06.03.2026 & 21.03.2026
12	Date of Sample Analysis	:	07.03.2026 & 23.03.2026
13	Date Sample Analysis Completion	:	07.03.2026 & 23.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	ULR-TC172312600000271F

Stack Details

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

End of the Report

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				05.03.2026	20.03.2026	
	Date of Sample Collected					
	Sample Code			435	567	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	133	128	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.17	4.81	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	33.60	30.41	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	601	604	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.168	0.182	1%

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	SID Axis 5&6
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	06.03.2026 & 21.03.2026
12	Date of Sample Analysis	:	07.03.2026 & 23.03.2026
13	Date Sample Analysis Completion	:	07.03.2026 & 23.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	KAEW/BMMIL/STACK /2026-27/271

Stack Details

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

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				05.03.2026	20.03.2026	
	Date of Sample Collected					
	Sample Code			435	567	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	28	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	72.0	81.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	157069	122498	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	115105	90854	-

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



Reviewed & Authorized Signatory

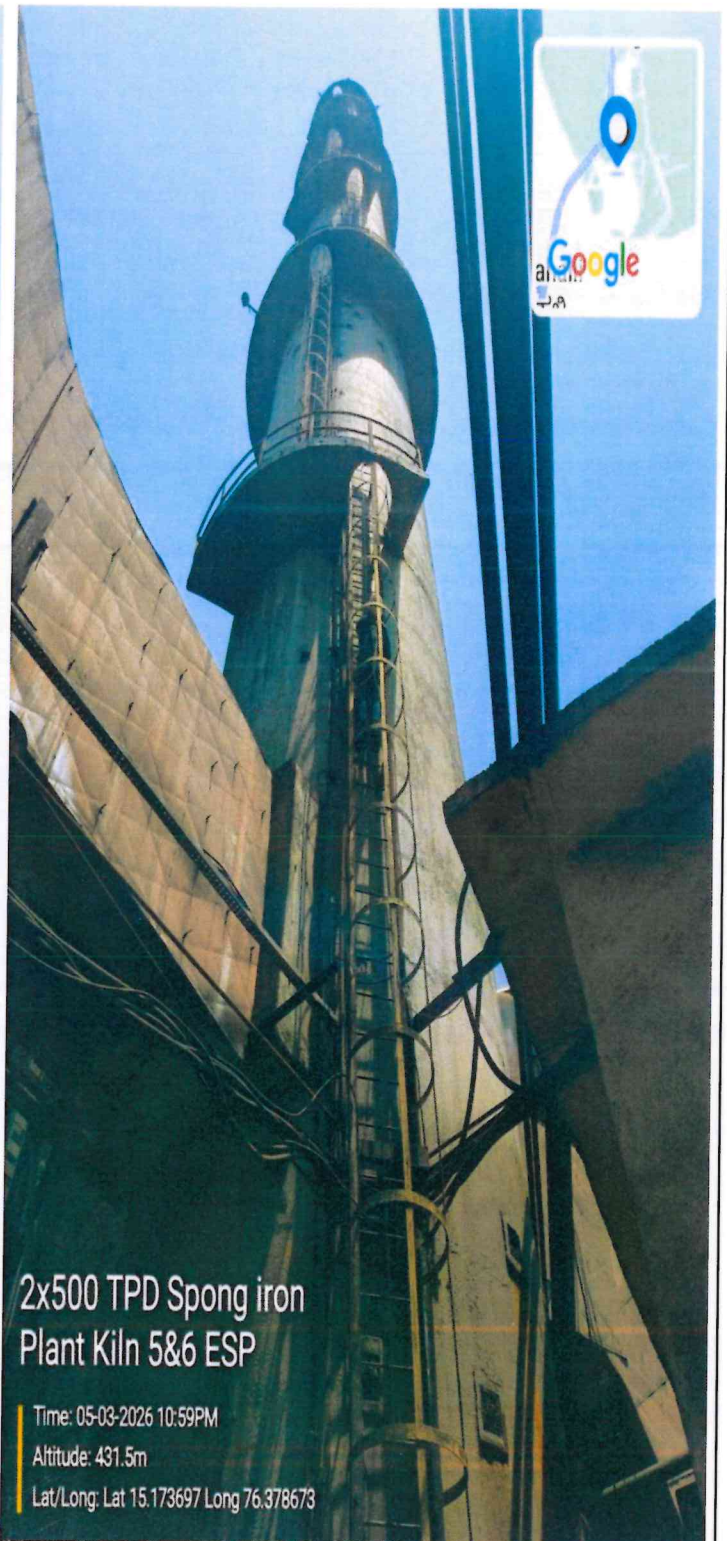
R. H. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

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STACKEMISSION LOCATIONS

SID Axis 5&6





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TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	1X70 MW-CFBC Boiler ESP
10	Month of Sampling	:	
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date Sample Analysis Completion	:	-
14	Report Issued Date	:	02.04.2026
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
				1 st Fort Night	2 nd Fort Night	
	Date of Sample Collected					
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	Shutdown	Shutdown	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec			-
3	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr			-
4	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³			50
5	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³			NS
6	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%			1%

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	1X70 MW-CFBC Boiler ESP
10	Month of Sampling	:	
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date Sample Analysis Completion	:	-
14	Report Issued Date	:	02.04.2026
15	Report Number	:	-

Stack Details

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

Emission Details

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

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

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri
Mrs. Radha M Bengeri
Technical Manger

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TC-17231

ANNEXURE-31

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: 2X70 MW CFBC Boiler ESP
10	Month of Sampling	: MARCH-2026
11	Date of Sample Received	: 09.03.2026 & 23.03.2026
12	Date of Sample Analysis	: 09.03.2026 & 23.03.2026
13	Date Sample Analysis Completion	: 09.03.2026 & 23.03.2026
14	Report Issued Date	: 02.04.2026
15	Report Number	: ULR-TC1723126000000276F

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				06.03.2026	21.03.2026	
	Date of Sample Collected			466	580	
	Sample Code			115	119	-
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	115	119	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.50	6.70	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	35.77	36.98	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	36.0	32.0	600
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.039	0.042	NS

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	2X70 MW CFBC Boiler ESP
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	07.03.2026 & 23.03.2026
12	Date of Sample Analysis	:	09.03.2026 & 23.03.2026
13	Date Sample Analysis Completion	:	09.03.2026 & 23.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	KAEW/BMMIL/STACK /2026-27/276

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				06.03.2026	21.03.2026	
	Date of Sample Collected					
	Sample Code			466	580	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	29	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	231	215	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	901433	920153	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	1175534	1213276	-

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

End of the Report



Reviewed & Authorized Signatory

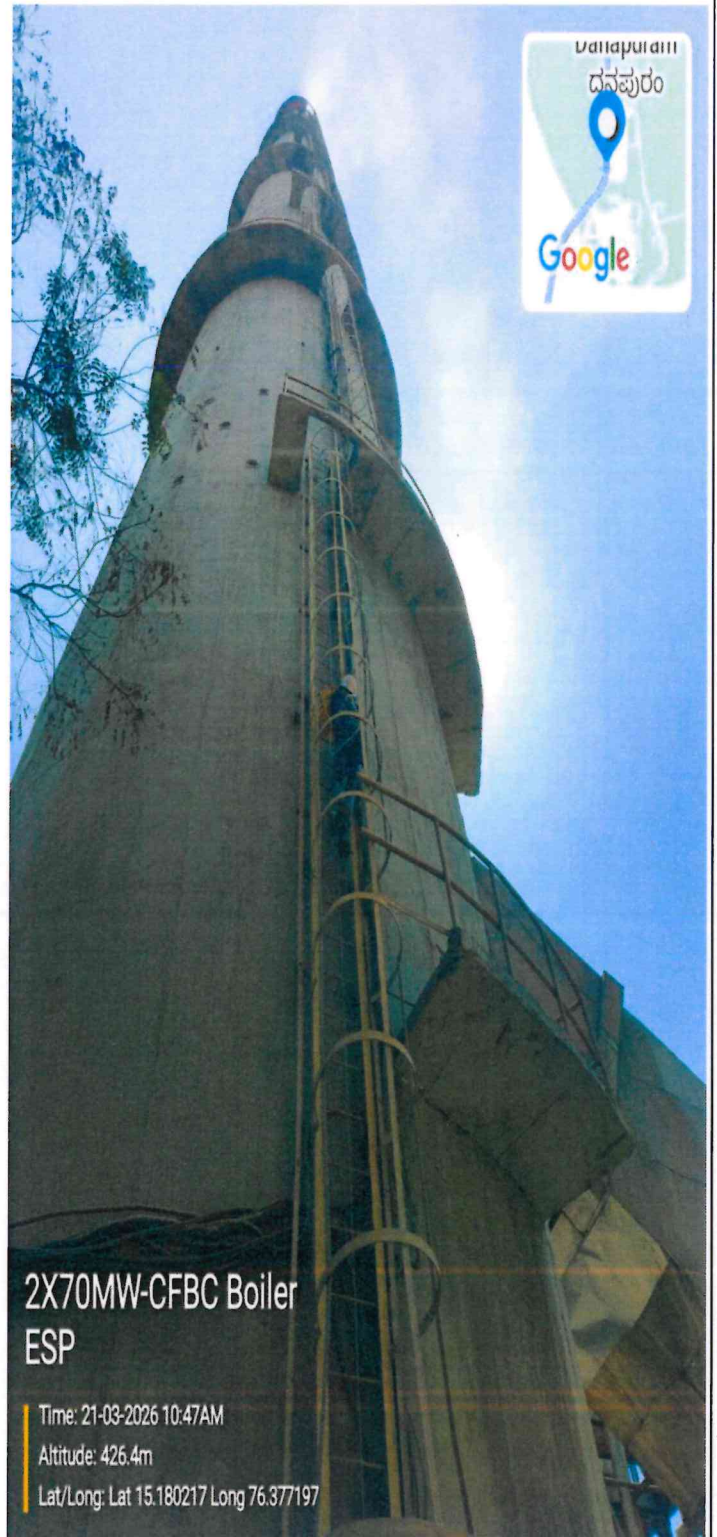
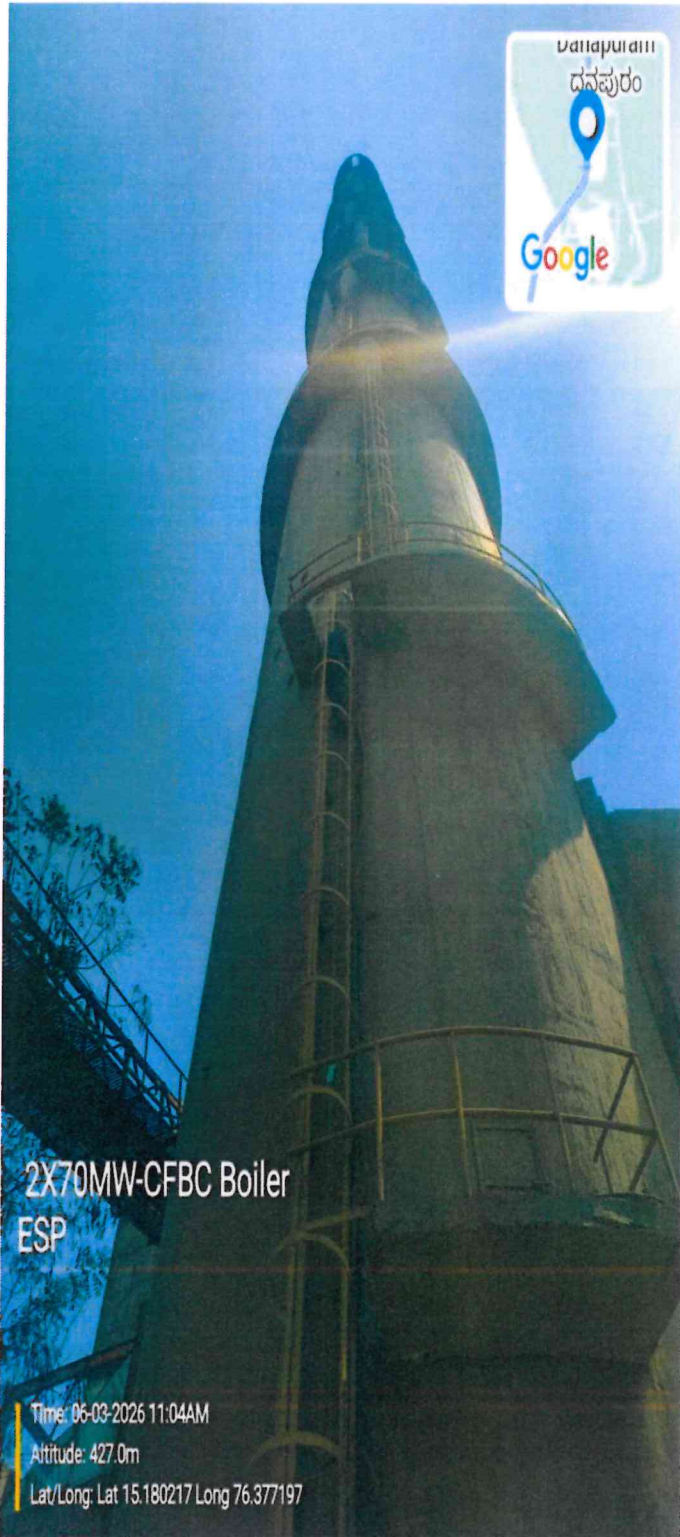
R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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STACK EMISSION LOCATIONS
2X70 MW CFBC Boiler ESP





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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	SMS
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	11.03.2026 & 25.03.2026
12	Date of Sample Analysis	:	12.03.2026 & 26.03.2026
13	Date Sample Analysis Completion	:	12.03.2026 & 26.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	ULR-TC1723126000000280F

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 ST Fort Night	2 nd Fort Night	
				10.03.2026	24.03.2026	
	Date of Sample Collected			498	609	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	71	74	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.48	6.44	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	25.25	30.21	50

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-32A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	SMS
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	11.03.2026 & 25.03.2026
12	Date of Sample Analysis	:	12.03.2026 & 26.03.2026
13	Date Sample Analysis Completion	:	12.03.2026 & 26.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	KAEW/BMMIL/STACK /2026-27/280

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				10.03.2026	24.03.2026	
	Date of Sample Collected			498	609	
	Sample Code					
4	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	31	29	-
5	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	91364	89988	-
6	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	105621	104868	-

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

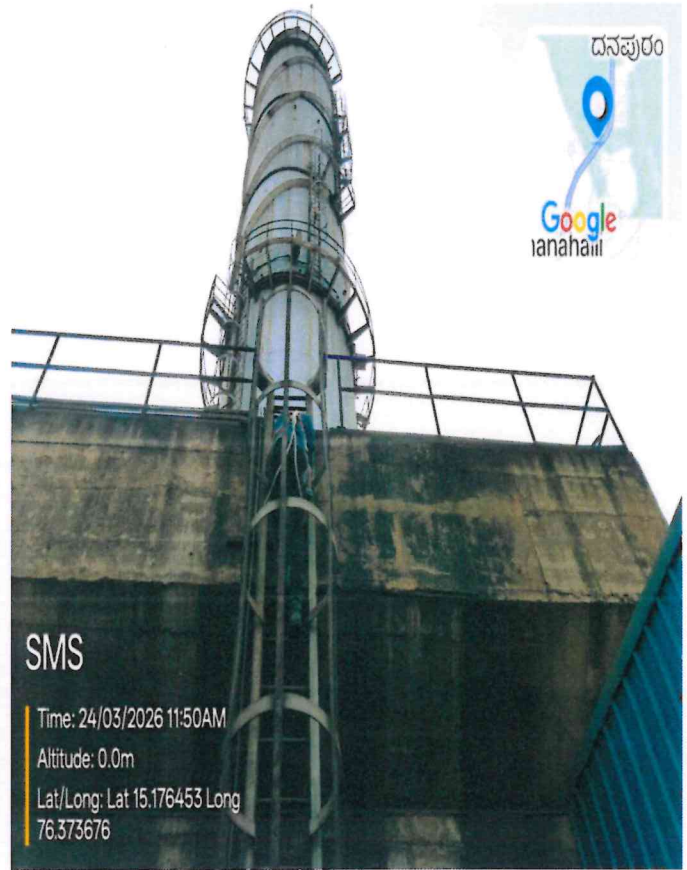
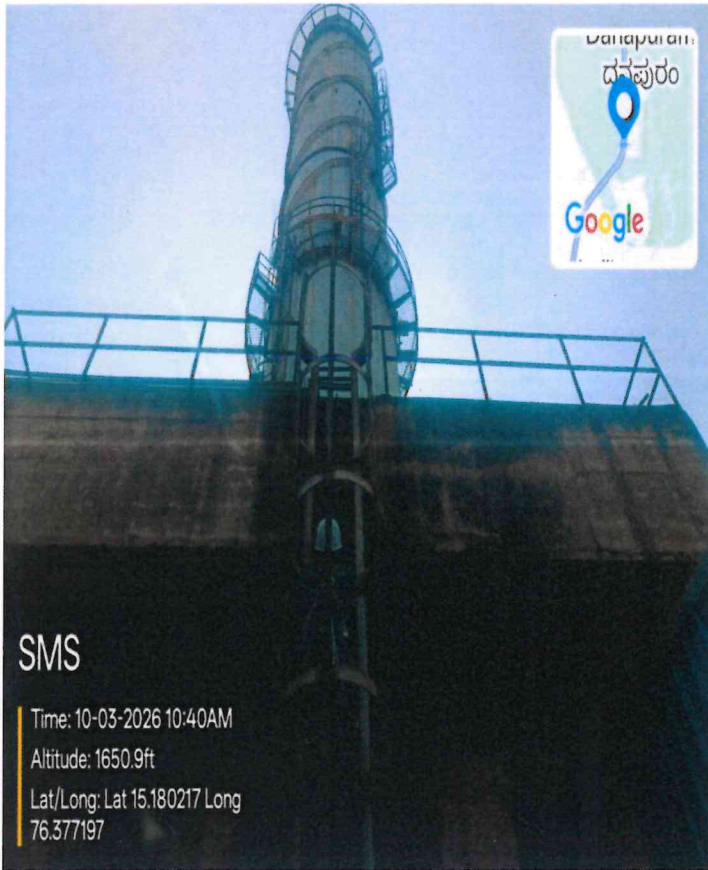
Mrs. Radha M Bengeri
Technical Manger

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STACK EMISSION LOCATIONS

SMS





SHRI KRISHNA AQUA ENGINEERING WORKS

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TC-17231

ANNEXURE-33

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Barmill
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	12.03.2026 & 26.03.2026
12	Date of Sample Analysis	:	13.03.2026 & 27.03.2026
13	Date Sample Analysis Completion	:	13.03.2026 & 27.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	ULR-TC1723126000000284F

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 ST Fort Night	2 nd Fort Night	
				11.03.2026	25.03.2026	
	Date of Sample Collected			509	644	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	128	124	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.92	5.97	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	17.54	15.83	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	198	182	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.508	0.486	<1%

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

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-33A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Barmill
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	12.03.2026 & 26.03.2026
12	Date of Sample Analysis	:	13.03.2026 & 27.03.2026
13	Date Sample Analysis Completion	:	13.03.2026 & 27.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	KAEW/BMMIL/STACK /2026-27/284

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				11.03.2026	25.03.2026	
	Date of Sample Collected					
	Sample Code			509	644	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	30	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	19.0	21.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	120376	113864	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	155971	151971	-

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

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
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- (*) Details as Furnished by Customer.
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STACK EMISSION LOCATIONS

Bar mill





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TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Blast Furnance -Stove Waste Gas
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	13.03.2026 & 27.03.2026
12	Date of Sample Analysis	:	14.03.2026 & 28.03.2026
13	Date Sample Analysis Completion	:	14.03.2026 & 28.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	ULR-TC1723126000000284F

Stack Details

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

Emission Details

Sl. No	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				12.03.2026	26.03.2026	
	Date of Sample Collected			510	659	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	161	157	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.13	7.26	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	10.93	9.45	30.0
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	92.0	88.0	200
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.415	0.397	<1%

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Blast Furnace -Stove Waste Gas
10	Month of Sampling	:	MARCH-2026
11	Date of Sample Received	:	13.03.2026 & 27.03.2026
12	Date of Sample Analysis	:	14.03.2026 & 28.03.2026
13	Date Sample Analysis Completion	:	14.03.2026 & 28.03.2026
14	Report Issued Date	:	02.04.2026
15	Report Number	:	KAEW/BMMIL/STACK /2026-27/284

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				12.03.2026	26.03.2026	
	Date of Sample Collected			510	659	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	31.0	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	17.0	19.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	79703	81935	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	116200	118275	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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STACK EMISSION LOCATIONS

Blast Furnace - Stove Waste Gas





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TC-17231

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500004504 DATED 09.01.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring(1st Fort Night)
- 9 Month of Sampling : MARCH-2026
- 10 Date of Sample Received : 12.03.2026
- 11 Date of Sample Analysis : 13.03.2026
- 12 Date Sample Analysis Completion : 13.03.2026
- 13 Report Issued Date : 02.04.2026
- 14 Report Number : ULR-TC1723126000000281F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant-2										
1	Iron Ore Cone Crusher	SHUTDOWN	-	---	-	-	30	1.20	-	50
2	Iron Ore Screening	11.03.2026	499	---	37	4.76	30	0.90	14.91	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore Cone Crusher	-	-
2	Iron Ore Screening	10906	-

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

INFERENCE: The Measured Values are within the limits

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical 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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ANNEXURE-35A
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(1 st Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	12.03.2026
11	Date of Sample Analysis	:	13.03.2026
12	Date Sample Analysis Completion	:	13.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/281

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	Iron Ore Cone Crusher	SHUTDOWN	-	-	-	-
2	Iron Ore Screening	11.03.2026	499	33	10906	-

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

INFERENCE: The Measured Values are within the limits

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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TC-17231

ANNEXURE-36

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 st Fort Night)
9	Month of Sampling	: MARCH-2026
10	Date of Sample Received	: 03.03.2026
11	Date of Sample Analysis	: 04.03.2026
12	Date Sample Analysis Completion	: 04.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: ULR-TC1723126000000260F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-II										
3	AGB main bag Filter	02.03.2026	386	---	35	4.69	6.5	0.5	24.70	50
4	Lime & Bentonite Powder bin top bag filter	02.03.2026	387	---	37	4.88	6.5	0.5	21.30	50
5	AGB De dusting Bag Filter	SHUTDOWN	-	---	-	-	6	0.6	-	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
3	AGB main bag Filter	3313	-
4	Lime & Bentonite Powder bin top bag filter	3451	-
5	AGB De dusting Bag Filter	-	-

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

INFERENCE: The measured values are within the limits

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-36A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1 st Fort Night)
9	Month of Sampling	: MARCH-2026
10	Date of Sample Received	: 03.03.2026
11	Date of Sample Analysis	: 04.03.2026
12	Date Sample Analysis Completion	: 04.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/260

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	02.03.2026	386	30	3198	
4	Lime & Bentonite Powder bin top bag filter	02.03.2026	387	32	3302	-
5	AGB De dusting Bag Filter	SHUTDOWN	-	-	-	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical 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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TC-17231

ANNEXURE-37

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(1 st Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	03.03.2026
11	Date of Sample Analysis	:	04.03.2026
12	Date Sample Analysis Completion	:	04.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC1723126000000261F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-II										
6	Powder Coal main bag filter	SHUTDOWN	-	---	-	-	6	0.6	-	50
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	---	-	-	6	0.3	-	50
8	Pellet discharge bin bag filter	02.03.2026	388	---	39	5.15	20	0.5	31.98	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
6	Powder Coal main bag filter	-	-
7	RP-6 Conveyor bag Filter	-	-
8	Pellet discharge bin bag filter	3642	-

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

INFERENCE: The measured values are within the limits

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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ANNEXURE-37A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(1 st Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	03.03.2026
11	Date of Sample Analysis	:	04.03.2026
12	Date Sample Analysis Completion	:	04.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/261

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						
6	Powder Coal main bag filter	SHUTDOWN	-	-	-	-
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	-	-	-
8	Pellet discharge bin bag filter	02.03.2026	388	33	3460	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri
Mrs. Radha M Bengeri
Technical 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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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.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(1 st Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	05.03.2026 & 06.03.2026
11	Date of Sample Analysis	:	06.03.2026 & 07.03.2026
12	Date Sample Analysis Completion	:	06.03.2026 & 07.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC172312600000267F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 1 & 2										
9	Cooler Discharge -1	04.03.2026	415	---	38	4.67	30	1.20	24.59	50
10	Cooler Discharge -2	04.03.2026	416	--	39	4.87	30	1.20	29.16	50
11	Coal stock house	05.03.2026	436	---	33	5.36	30	1.20	12.97	50
12	PSB 1 System-1	05.03.2026	437	---	37	4.83	30	1.20	33.84	50
13	PSB 1 System-2	05.03.2026	438	---	38	5.12	30	1.20	31.79	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
9	Cooler Discharge -1	19015	-
10	Cooler Discharge -2	19833	-
11	Coal stock house	21818	-
12	PSB 1 System-1	19649	-
13	PSB 1 System-2	20845	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
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ANNEXURE-38A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(1 st Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	05.03.2026 & 06.03.2026
11	Date of Sample Analysis	:	06.03.2026 & 07.03.2026
12	Date Sample Analysis Completion	:	06.03.2026 & 07.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/267

RESULTS

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm ³ /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 1 & 2						
9	Cooler Discharge -1	04.03.2026	415	33	18132	-
10	Cooler Discharge -2	04.03.2026	416	34	18841	-
11	Coal stock house	05.03.2026	436	28	21214	-
12	PSB 1 System-1	05.03.2026	437	32	18784	-
13	PSB 1 System-2	05.03.2026	438	33	19852	-

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

INFERENCE: The Measured Values are within the limits

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical 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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TC-17231

ANNEXURE-39

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

Analysis Report of Stack Emission

- | | | |
|----|---------------------------------|--|
| 1 | Name of the Industry | : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District. |
| 2 | Customer Reference | : WORKORDER NO.. 4500004504 DATED 09.01.2026 |
| 3 | Sample collected by | : Shri Krishna Aqua Engineering Works |
| 4 | Particulars of sample collected | : Stack Sampler
Sl. No: PT-25/2019 |
| 5 | Instrument Details | : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026 |
| 6 | Discipline | : Chemical |
| 7 | Group | : Atmospheric Pollution |
| 8 | Sample Type | : Stack Monitoring(1 st Fort Night) |
| 9 | Month of Sampling | : MARCH-2026 |
| 10 | Date of Sample Received | : 07.03.2026 & 09.03.2026 |
| 11 | Date of Sample Analysis | : 08.03.2026 & 09.03.2026 |
| 12 | Date Sample Analysis Completion | : 08.03.2026 & 09.03.2026 |
| 13 | Report Issued Date | : 02.04.2026 |
| 14 | Report Number | : ULR-TC1723126000000272F |

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 1 & 2										
14	PSB 2 System-1 MCC	06.03.2026	446	---	39	5.00	30	1.20	35.01	50
15	PSB 2 System-2 Road	06.03.2026	447	---	38	4.73	30	1.20	37.24	50
16	Junction House Old & New	07.03.2026	452	---	36	4.77	30	1.20	38.00	50
17	Storage Bunker	07.03.2026	453	---	39	4.69	30	1.20	22.28	50
18	Dispatch	SHUTDOWN	-	---	-	-	30	1.20	-	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
14	PSB 2 System-1 MCC	20374	-
15	PSB 1 System-2 Road	19260	-
16	Junction House Old & New	19424	-
17	Storage Bunker	19109	-
18	Dispatch	-	-

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

INFERENCE: The Measured Values are within the limits

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-39A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(1 st Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	07.03.2026 & 09.03.2026
11	Date of Sample Analysis	:	08.03.2026 & 09.03.2026
12	Date Sample Analysis Completion	:	08.03.2026 & 09.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/272

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
14	PSB 2 System-1 MCC	06.03.2026	446	34	19347	-
15	PSB 1 System-2 Road	06.03.2026	447	33	18365	-
16	Junction House Old & New	07.03.2026	452	32	18666	-
17	Storage Bunker	07.03.2026	453	34	18158	-
18	Dispatch	SHUTDOWN	-	-	-	-

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

INFERENCE: The Measured Values are within the limits

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit
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TC-17231

ANNEXURE-40

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500004504 DATED 09.01.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring(1st Fort Night)
- 9 Month of Sampling : MARCH-2026
- 10 Date of Sample Received : 09.03.2026,11.03.2026 & 12.03.2026
- 11 Date of Sample Analysis : 09.03.2026,11.03.2026 & 12.03.2026
- 12 Date Sample Analysis Completion : 09.03.2026,11.03.2026 & 12.03.2026
- 13 Report Issued Date : 02.04.2026
- 14 Report Number : ULR-TC1723126000000274F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/s	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TPD Sponge Iron Kiln 3&4										
19	DE 3, Axis 3 CD	07.03.2026	454	---	40	4.97	30	1.20	32.51	50
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	09.03.2026	467	---	35	4.79	30	1.20	35.47	50
21	DE 8 & 12 I-Bin, (Stand By)	09.03.2026	468	---	36	5.18	30	1.90	38.20	50
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	09.03.2026	469	---	39	5.06	30	1.90	40.21	50
23	Coal Dryer	10.03.2026	493	---	40	4.96	30	1.20	37.86	50

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
19	DE 3, Axis 3 CD	20241	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	19502	-
21	DE 8 & 12 I-Bin, (Stand By)	52853	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	51619	-
23	Coal Dryer	20208	-

INFERENCE: The Measured Values are within the limits.

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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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ANNEXURE-40A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1st Fort Night)
9	Month of Sampling	: MARCH-2026
10	Date of Sample Received	: 07.03.2026,10.03.2026 & 11.03.2026
11	Date of Sample Analysis	: 09.03.2026,11.03.2026 & 12.03.2026
12	Date Sample Analysis Completion	: 09.03.2026,11.03.2026 & 12.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/274

RESULTS

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm ³ /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2X500 TPD Sponge Iron Kiln 3&4						
19	DE 3, Axis 3 CD	07.03.2026	454	35	19162	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	09.03.2026	467	30	18817	-
21	DE 8 & 12 I-Bin, (Stand By)	09.03.2026	468	31	50797	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	09.03.2026	469	34	49030	-
23	Coal Dryer	10.03.2026	493	30	19151	-

Gas flow Discharge rate at NTP

IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R.M. Bengeri
Mrs. Radha M Bengeri
Technical 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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TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	23.03.2026
11	Date of Sample Analysis	:	23.03.2026
12	Date Sample Analysis Completion	:	23.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC1723126000000297F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant-2										
1	Iron Ore Cone Crusher	Shut down	-	---	-	-	-	-	-	50
2	Iron Ore Screening	21.03.2026	586	---	39	4.71	30	0.90	16.83	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore Cone Crusher	-	-
2	Iron Ore Screening	10790	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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ANNEXURE-41A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	23.03.2026
11	Date of Sample Analysis	:	23.03.2026
12	Date Sample Analysis Completion	:	23.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/297

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	Iron Ore Cone Crusher	Shut down	-	-	-	-
2	Iron Ore Screening	21.03.2026	586	32	10242	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical 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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TC-17231

ANNEXURE-42

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(2 nd Fort Night)
9	Month of Sampling	: MARCH-2026
10	Date of Sample Received	: 17.03.2026
11	Date of Sample Analysis	: 18.03.2026
12	Date Sample Analysis Completion	: 18.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: ULR-TC1723126000000290F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant										
3	AGB main bag Filter	16.03.2026	539	---	33	4.90	6.5	0.50	23.53	50
4	Lime & Bentonite Powder bin top bag filter	16.03.2026	540	---	37	4.81	6.5	0.50	19.07	50
5	AGB De dusting Bag Filter	SHUTDOWN	-	---	-	-	6.0	0.60	-	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
3	AGB main bag Filter	3465	-
4	Lime & Bentonite Powder bin top bag filter	3399	-
5	AGB De dusting Bag Filter	-	-

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

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- (*) Details as Furnished by Customer.
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ANNEXURE-42A
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(2 nd Fort Night)
9	Month of Sampling	: MARCH-2026
10	Date of Sample Received	: 17.03.2026
11	Date of Sample Analysis	: 18.03.2026
12	Date Sample Analysis Completion	: 18.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/290

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						
3	AGB main bag Filter	16.03.2026	539	30	3366	-
4	Lime & Bentonite Powder bin top bag filter	16.03.2026	540	32	3254	-
5	AGB De dusting Bag Filter	SHUTDOWN	-	-	-	-

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

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

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



Reviewed & Authorized Signatory

R.M. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
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TC-17231

ANNEXURE-43

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(2 nd Fort Night)
9	Month of Sampling	: MARCH-2026
10	Date of Sample Received	: 17.03.2026
11	Date of Sample Analysis	: 18.03.2026
12	Date Sample Analysis Completion	: 18.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: ULR-TC1723126000000288F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant										
6	Powder Coal main bag filter	SHUTDOWN	-	---	-	-	6.0	0.60	-	50
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	---	-	-	6.0	0.30	-	50
8	Pellet discharge bin bag filter	16.03.2026	529	---	40	5.21	2.0	0.50	30.72	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
6	Powder Coal main Bagfilter	-	-
7	RP-6 Conveyor bag Filter	-	-
8	Pellet discharge bin Bagfilter	3685	-

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

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

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



Reviewed & Authorized Signatory

R. M. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-43A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(2 nd Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	17.03.2026
11	Date of Sample Analysis	:	18.03.2026
12	Date Sample Analysis Completion	:	18.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/288

RESULTS

Sl. No	Pellet 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)						
Pellet Plant						
6	Powder Coal main Bagfilter	SHUTDOWN	-	-	-	-
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	-	-	-
8	Pellet discharge bin Bagfilter	16.03.2026	529	33	3492	-

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

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(2 nd Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	20.03.2026 & 22.03.2026
11	Date of Sample Analysis	:	20.03.2026 & 22.03.2026
12	Date Sample Analysis Completion	:	20.03.2026 & 22.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC1723126000000292F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 1 & 2										
9	Cooler Discharge -1	18.03.2026	556	Coal	37	4.73	30	1.2	25.72	50
10	Cooler Discharge -2	18.03.2026	557	Coal	38	4.96	30	1.2	27.52	50
11	Coal stock house	20.03.2026	568	Coal	36	5.16	30	1.2	14.56	50
12	PSB 1 System-1	20.03.2026	569	Coal	38	4.73	30	1.2	30.81	50
13	PSB 1 System-2	20.03.2026	570	Coal	39	5.25	30	1.2	32.61	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
9	Cooler Discharge -1	19279	-
10	Cooler Discharge -2	20196	-
11	Coal stock house	21015	-
12	PSB 1 System-1	19255	-
13	PSB 1 System-2	21369	-

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

INFERENCE: The Measured Values are within the limits.

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	18.03.2026 & 21.03.2026
11	Date of Sample Analysis	:	20.03.2026 & 22.03.2026
12	Date Sample Analysis Completion	:	20.03.2026 & 22.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	KAEW/BMMIL/STACK /2026-27/292

RESULTS

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm ³ /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 1 & 2						
9	Cooler Discharge -1	18.03.2026	556	32	18462	-
10	Cooler Discharge -2	18.03.2026	557	33	19271	-
11	Coal stock house	20.03.2026	568	30	20214	-
12	PSB 1 System-1	20.03.2026	569	32	18362	-
13	PSB 1 System-2	20.03.2026	570	33	20300	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R.M. Bengeri
Mrs. Radha M Bengeri
Technical Manger

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TC-17231

ANNEXURE-45
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring(2 nd Fort Night)
9	Month of Sampling	:	MARCH-2026
10	Date of Sample Received	:	24.03.2026 & 25.03.2026
11	Date of Sample Analysis	:	25.03.2026 & 26.03.2026
12	Date Sample Analysis Completion	:	25.03.2026 & 26.03.2026
13	Report Issued Date	:	02.04.2026
14	Report Number	:	ULR-TC1723126000000300F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Use d	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 1 & 2										
14	PSB 2 System-1 MCC	23.03.2026	600	Coal	39	4.88	30	1.2	35.60	50
15	PSB 1 System-2 Road	24.03.2026	610	Coal	36	5.05	30	1.2	32.16	50
16	Junction House Old & New	24.03.2026	611	Coal	37	4.71	30	1.2	30.72	50
17	Storage Bunker	24.03.2026	612	Coal	35	4.83	30	1.2	20.18	50
18	Dispatch	SHUTDOWN	-	---	-	-	30	1.2	-	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
14	PSB 2 System-1 MCC	19877	-
15	PSB 1 System-2 Road	20560	-
16	Junction House Old & New	19169	-
17	Storage Bunker	19648	-
18	Dispatch	-	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-45A
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(2 nd Fort Night)
9	Month of Sampling	: MARCH-2026
10	Date of Sample Received	: 24.03.2026 & 25.03.2026
11	Date of Sample Analysis	: 25.03.2026 & 26.03.2026
12	Date Sample Analysis Completion	: 25.03.2026 & 26.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/300

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 1 & 2						
14	PSB 2 System-1 MCC	23.03.2026	600	34	18916	-
15	PSB 1 System-2 Road	24.03.2026	610	31	19800	-
16	Junction House Old & New	24.03.2026	611	33	18332	-
17	Storage Bunker	24.03.2026	612	32	18902	-
18	Dispatch	SHUTDOWN	-	-	-	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R.M. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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TC-17231

ANNEXURE-46

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: MARCH-2026
10	Date of Sample Received	: 26.03.2026 & 27.03.2026
11	Date of Sample Analysis	: 27.03.2026 & 28.03.2026
12	Date Sample Analysis Completion	: 27.03.2026 & 28.03.2026
13	Report Issued Date	: 02.04.2026
14	Report Number	: ULR-TC1723126000000317F

RESULTS

Sl. NO	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/s	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TPD Sponge Iron Kiln 3&4										
19	DE 3, Axis 3 CD	25.03.2026	645	---	37	5.10	30	1.20	35.08	50
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	Shutdown	-	---	-	-	30	1.20	-	50
21	DE 8 & 12 I-Bin, (Stand By)	25.03.2026	646	---	38	5.09	30	1.90	13.81	50
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	25.03.2026	647	---	39	5.03	30	1.90	38.54	50
23	Coal Dryer	26.03.2026	660	---	42	4.80	30	1.20	37.82	50

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
19	DE 3, Axis 3 CD	20775	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	-	-
21	DE 8 & 12 I-Bin, (Stand By)	51960	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	51341	-
23	Coal Dryer	19528	-

Parameter	Protocol
Particulate Matter (mg/Nm ³)	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 Report****



Reviewed & Authorized Signatory

R.M. Bengeri

sMrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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ANNEXURE-46A

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500004504 DATED 09.01.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring (2nd Fort Night)
- 9 Month of Sampling : MARCH-2026
- 10 Date of Sample Received : 26.03.2026 & 27.03.2026
- 11 Date of Sample Analysis : 27.03.2026 & 28.03.2026
- 12 Date Sample Analysis Completion : 27.03.2026 & 28.03.2026
- 13 Report Issued Date : 02.04.2026
- 14 Report Number : KAEW/BMMIL/STACK /2026-27/317

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 3&4						
19	DE 3, Axis 3 CD	25.03.2026	645	31	19915	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	Shutdown	-	-	-	-
21	DE 8 & 12 I-Bin, (Stand By)	25.03.2026	646	33	49513	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	25.03.2026	647	34	48734	-
23	Coal Dryer	26.03.2026	660	32	18447	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical 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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TC-17231

ANNEXURE-47

Format No: SKAEW/7.8/RF/C/02

NOISE LEVEL MONITORING REPORT

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Noise Level Monitoring
Particulars of Sample Collected : Sound Level Meter
Make : Kusam Meeco , Model: KM929MK1
Instrument Details : Date of Calibration: 09.09.2025
Calibration Due Date:08.09.2026
Month : MARCH-2026
Report Issue Date : 02.04.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000257F

Sl. No	Location	Date of Sample Collected	Noise Level dB (A)		Standard
			Day Time		
			Min	Max	
1	Main Gate	09.03.2026	49.6	56.7	75
2	BF Blower House Entrance	02.03.2026	66.4	70.1	75
3	Transit House	09.03.2026	46.7	53.4	75
4	BF-7th Gate	04.03.2026	44.8	48.1	75
5	Gunda Road	11.03.2026	50.8	56.8	75
6	Gunda Railway Station	11.03.2026	42.5	49.0	75
7	Bagging Shed	07.03.2026	52.8	55.6	75
8	Railway Siding	06.03.2026	58.6	63.4	75
9	SMS-Vibro Feeders	04.03.2026	65.6	70.6	75
10	Bricks Plant	06.03.2026	66.4	70.1	75
11	Kempuhalla (Wagon Tippler)	07.03.2026	52.8	56.4	75
12	Danapura Bridge	10.03.2026	58.4	64.6	75
13	2nd Gate	10.03.2026	48.3	54.6	75
14	MBM-Scale pit	05.03.2026	66.9	70.2	75
15	Dispatch (Truck Parking Area)	05.03.2026	62.4	69.5	75
16	Blast Furnace Stock House	03.03.2026	68.6	72.4	75
17	Blast Furnace Cost House	03.03.2026	66.4	71.2	75
18	Gas Cleaning Plant	02.03.2026	68.1	70.6	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



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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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.. 4500004504 Dated 09.01.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Noise Level Monitoring
Particulars of Sample Collected : Sound Level Meter
Make : Kusam Mecco , Model: KM929MK1
Instrument Details : Date of Calibration: 09.09.2025
Calibration Due Date:08.09.2026
Month : MARCH-2026
Report Issue Date : 02.04.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC172312600000286F

Sl. No	Location	Date of Sample Collected	Noise Level dB (A)		
			Day Time		Standard
			Min	Max	
1	Main Gate	23.03.2026	49.6	53.6	75
2	BF Blower house entrance	16.03.2026	68.2	70.4	75
3	Transit House	23.03.2026	42.4	56.8	75
4	BF-7th gate	20.03.2026	43.5	47.2	75
5	Gunda Road	26.03.2026	50.0	54.6	75
6	Gunda Railway Station	26.03.2026	43.4	53.8	75
7	Bagging Shed	24.03.2026	56.2	60.8	75
8	Railway Siding	21.03.2026	57.3	62.4	75
9	SMS-Vibro feeders	20.03.2026	66.0	70.2	75
10	Bricks Plant	21.03.2026	52.4	58.0	75
11	Kempuhalla (Wagon Tippler)	24.03.2026	55.8	57.3	75
12	Danapura Bridge	25.03.2026	59.6	64.5	75
13	2nd Gate	25.03.2026	52.4	56.1	75
14	MBM Scale pit	18.03.2026	68.1	71.4	75
15	Dispatch (Truck Parking Area)	18.03.2026	61.0	68.8	75
16	Blast Furnace Stock House	17.03.2026	65.2	73.1	75
17	Blast Furnace Cost House	17.03.2026	69.8	72.6	75
18	Gas Cleaning Plant	16.03.2026	69.3	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

Reviewed & Authorized Signatory

R.H. Bengeri

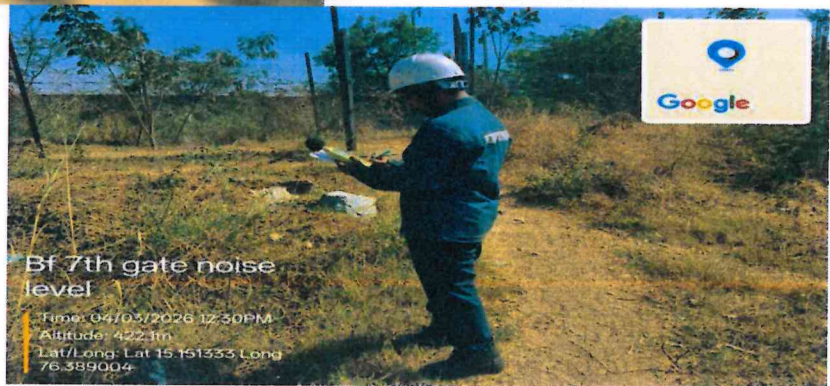
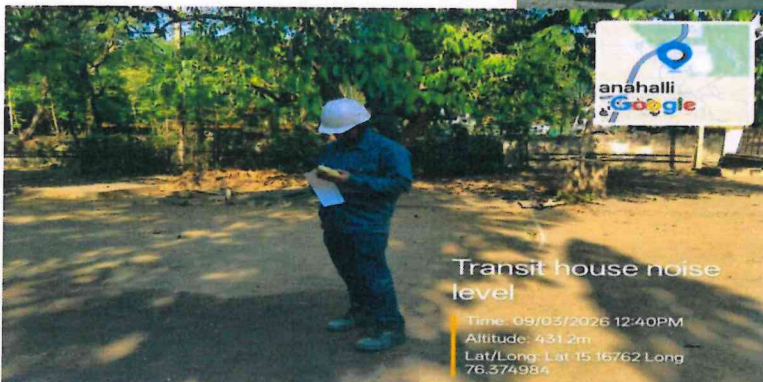
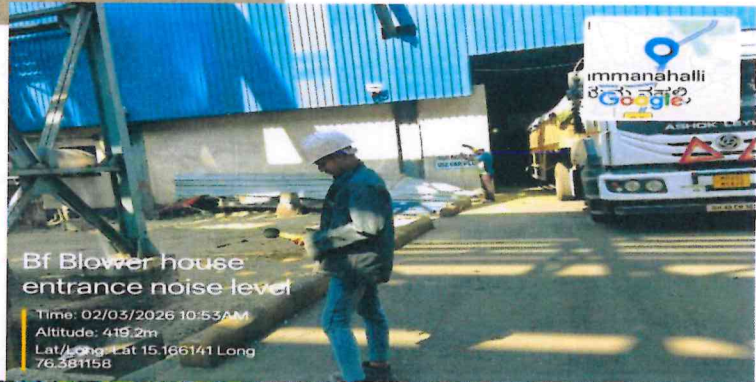
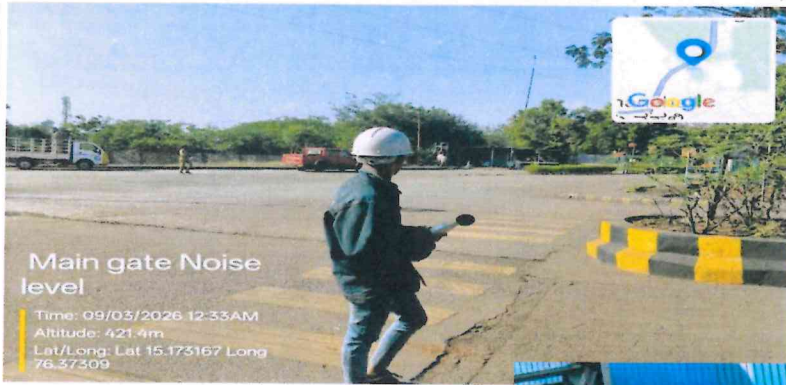
Mrs. Radha M Bengeri
Technical Manger



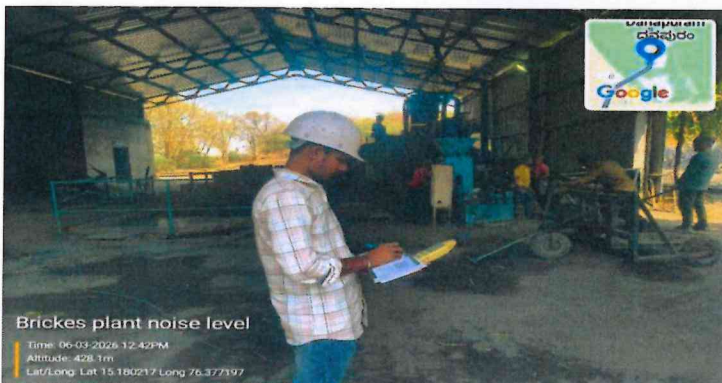
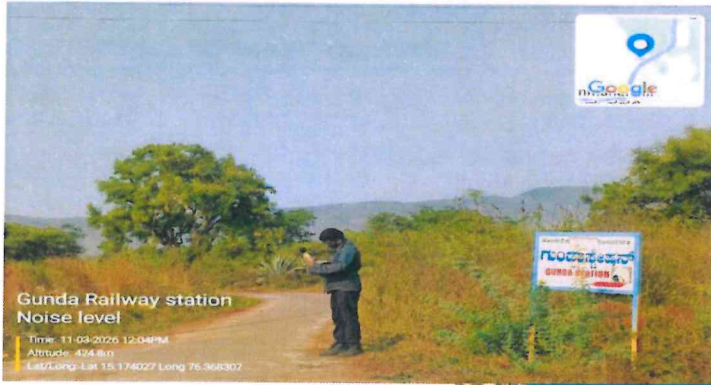
Note:

- All results pertain to the sample received and tested only.
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- (*) Details as Furnished by Customer.
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FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING

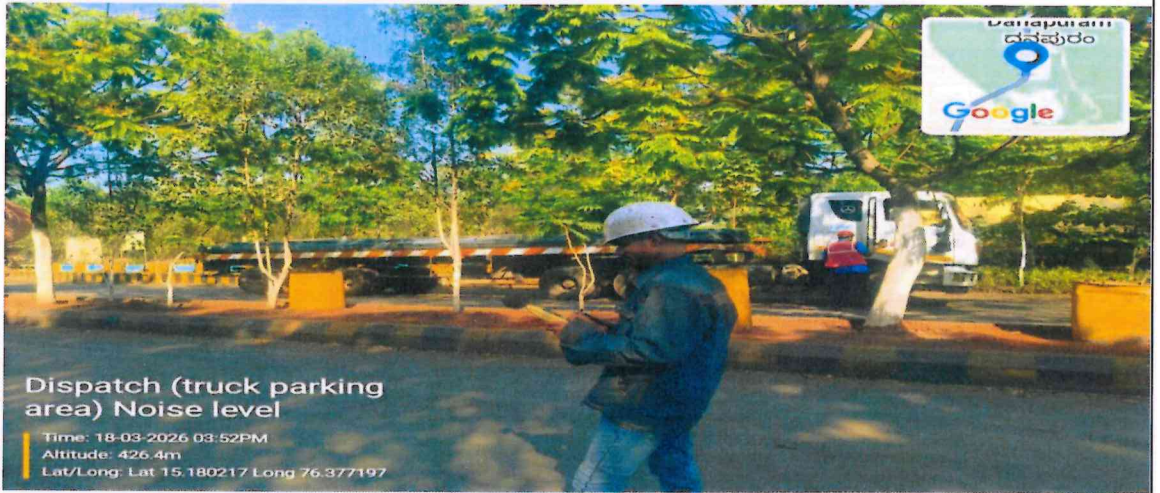


FIRST FORT NGHT INSIDE PLANT NOISE MONITORING



Mbm scale pit Noise level

Time: 18-03-2026 11:19AM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197



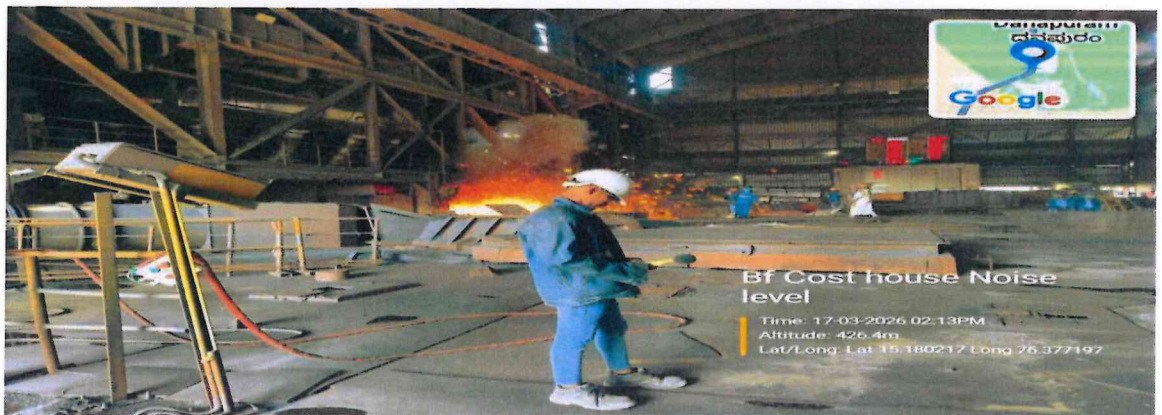
Dispatch (truck parking area) Noise level

Time: 18-03-2026 03:52PM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197



Bf Stock house Noise level

Time: 17-03-2026 03:07PM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197



Bf Cost house Noise level

Time: 17-03-2026 02:13PM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197

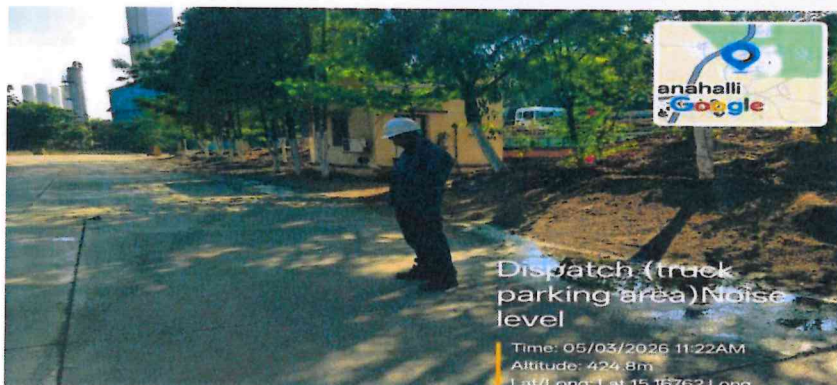
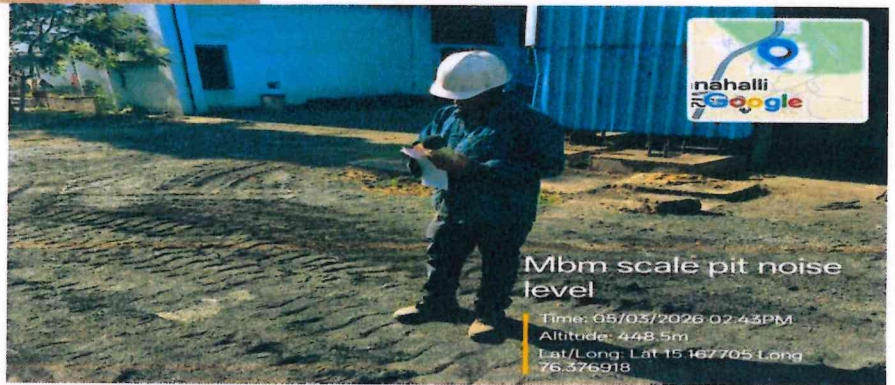
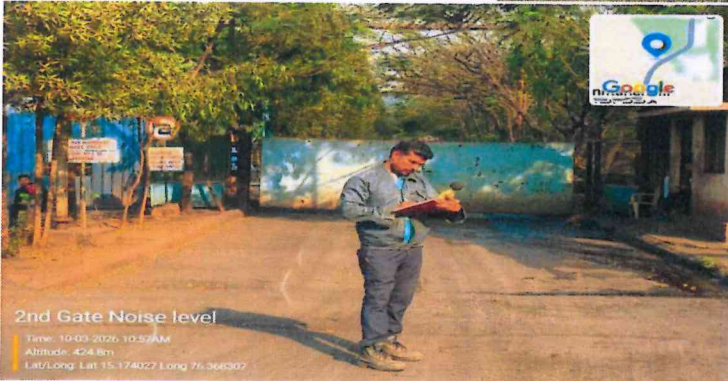
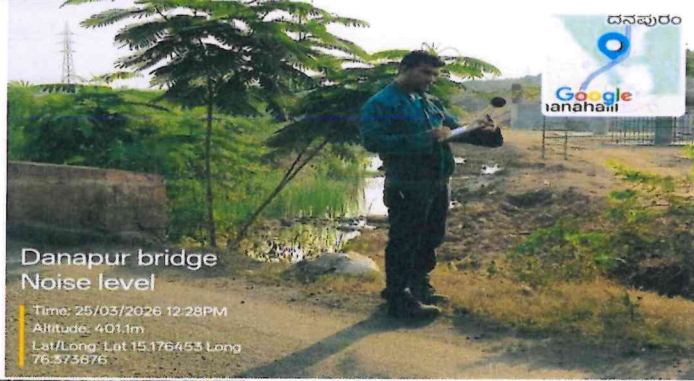


Banapuram
ಬೆಂಪುರು
Google

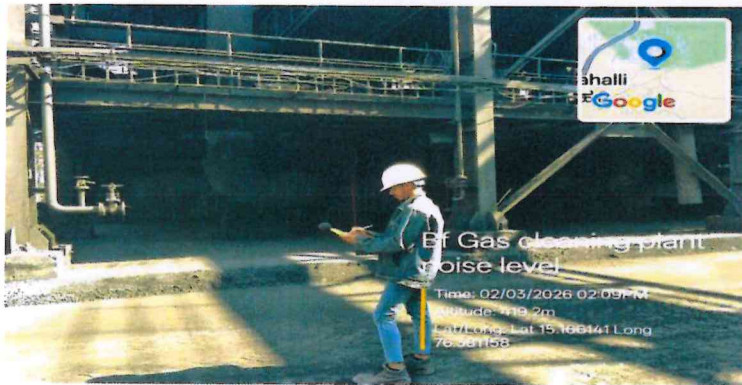
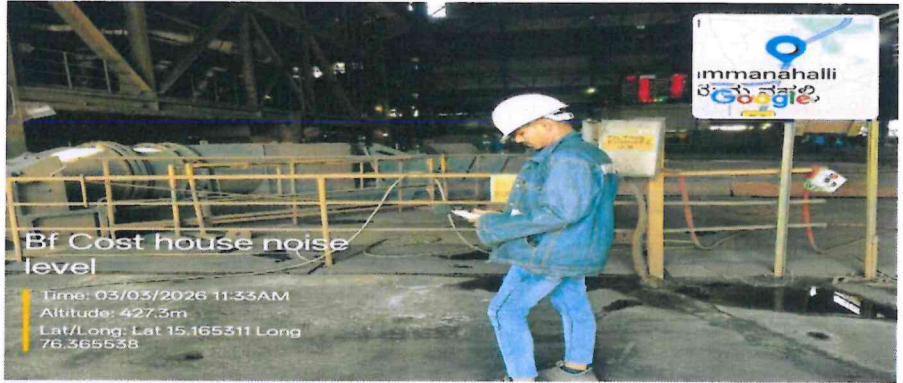
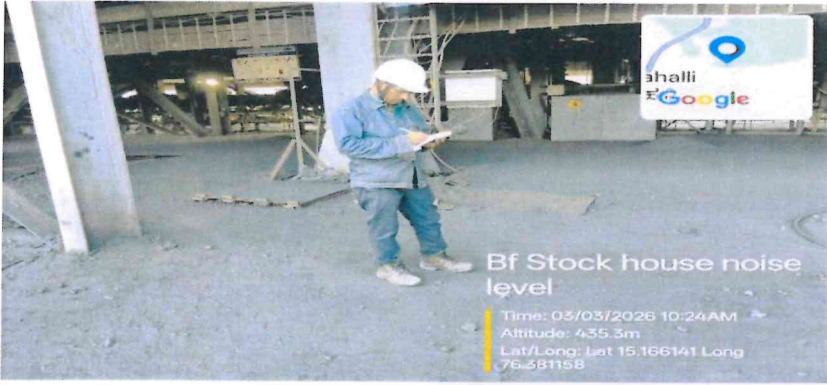
Bf Gas cleaning pant
Noise level

Time: 15-03-2025 11:10AM
Altitude: 426.4m
Lat: 15.180217 Long: 76.377197

FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING

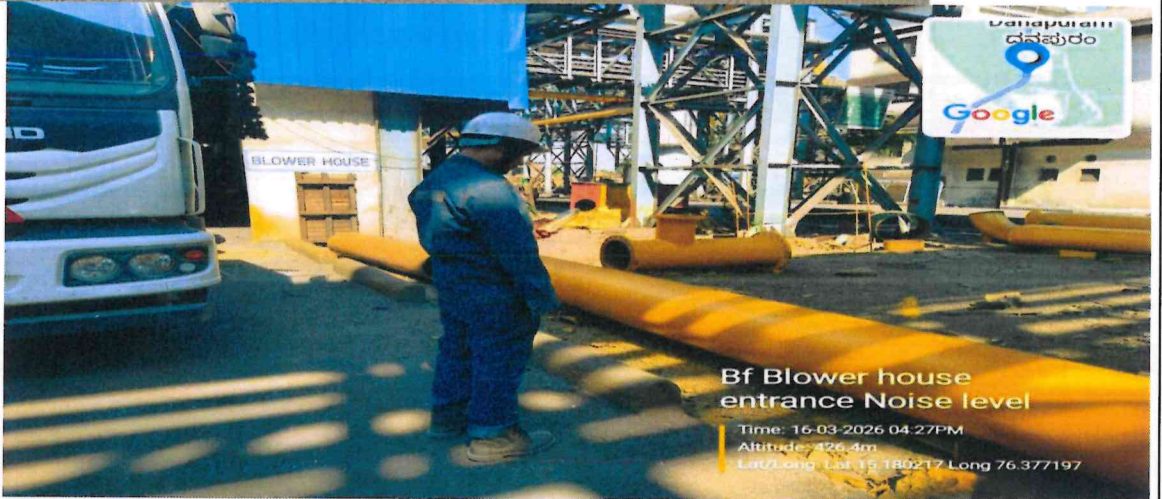


SECOND FORT NIGHT INSIDE PLANT NOISE MONITORING



Main gate Noise level

Time: 23-03-2026 04:10PM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197



Bf Blower house entrance Noise level

Time: 16-03-2026 04:27PM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197



Transit house Noise level

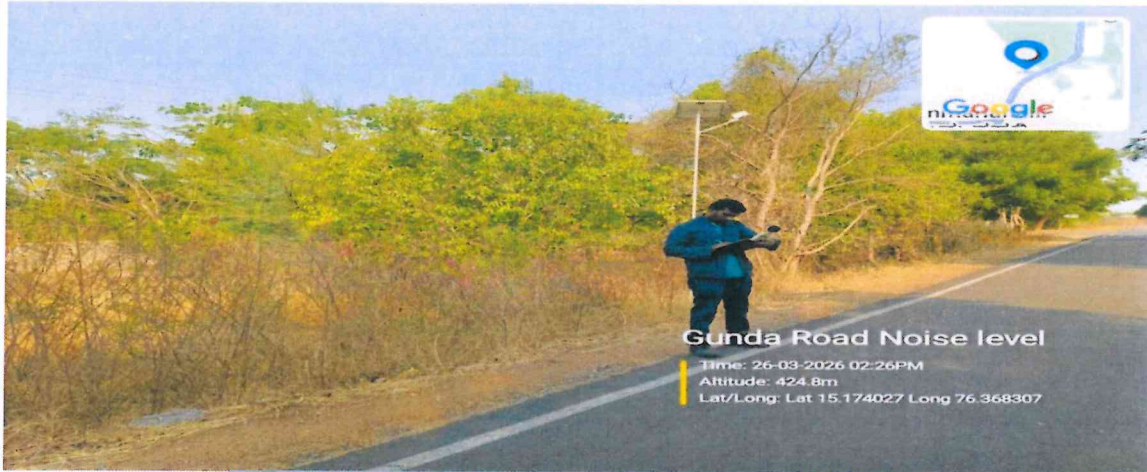
Time: 23-03-2026 02:15PM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197



Bf 7th gate Noise level

Time: 20-03-2026 03:08PM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197

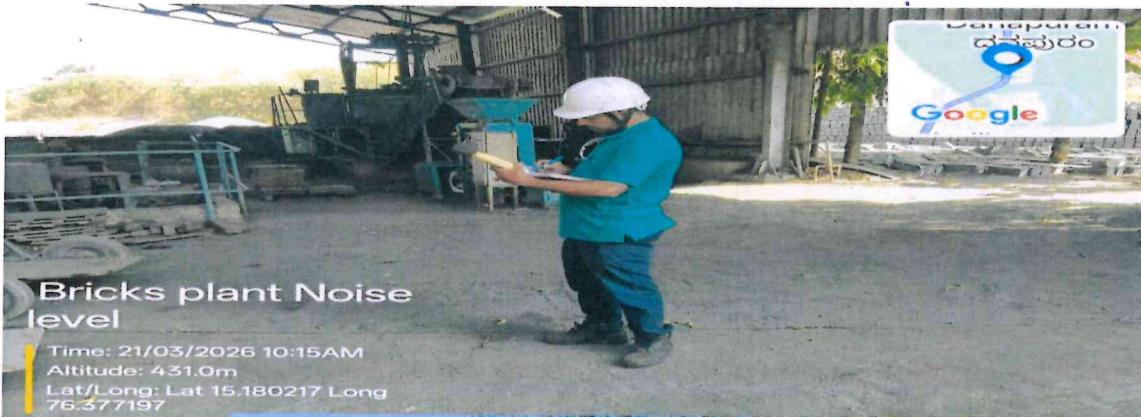
SECOND FORT NIGHT INSIDE PLANT NOISE MONITORING



RAILWAY SIDING

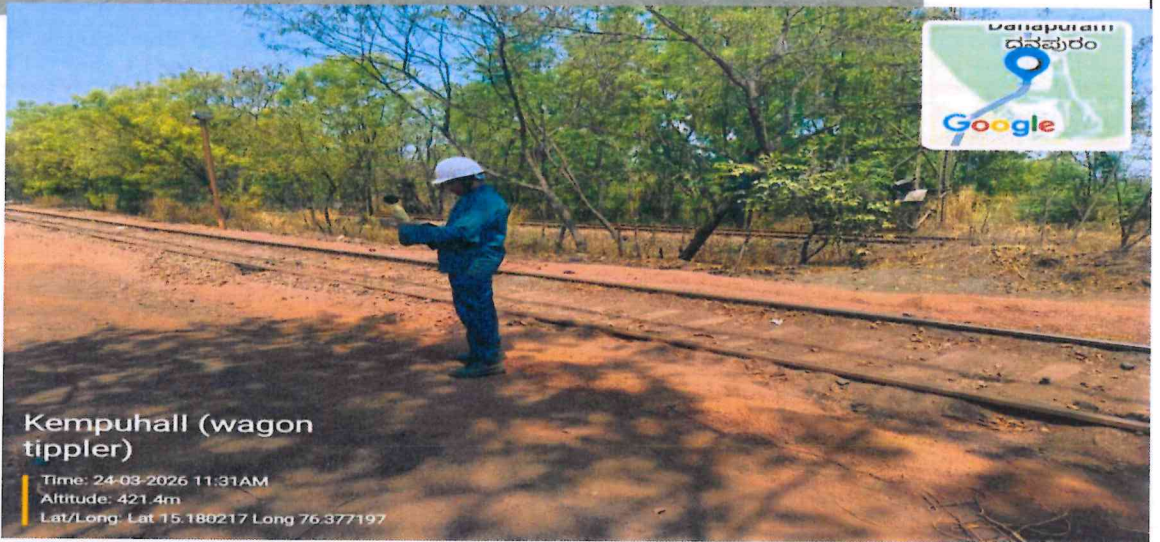
SMS VIBRO FEEDER

SECOND FORT NIGHT INSIDE PLANT NOISE MONITORING



Bricks plant Noise level

Time: 21/03/2026 10:15AM
Altitude: 431.0m
Lat/Long: Lat 15.180217 Long 76.377197



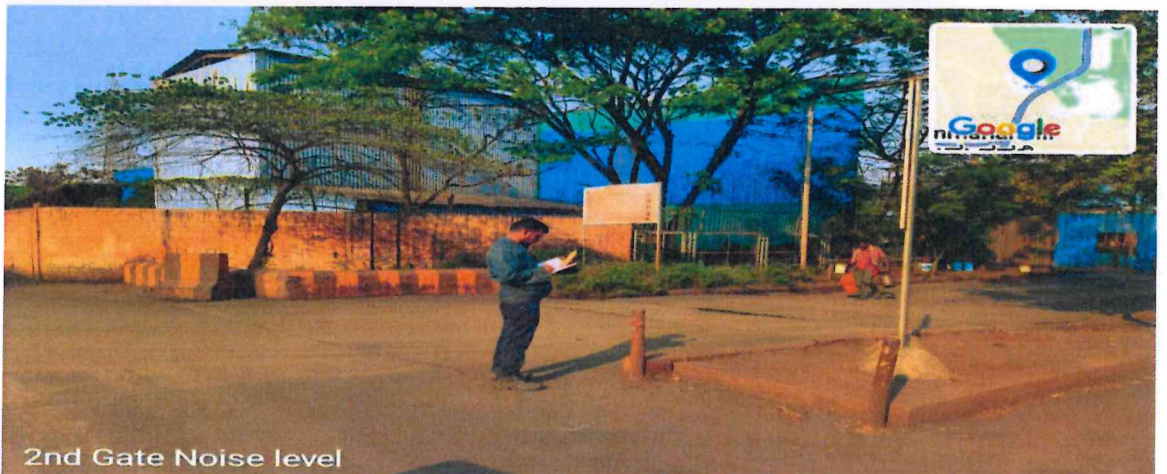
Kempuhall (wagon tippler)

Time: 24-03-2026 11:31AM
Altitude: 421.4m
Lat/Long: Lat 15.180217 Long 76.377197



Danapur bridge Noise level

Time: 25/03/2026 12:28PM
Altitude: 401.1m
Lat/Long: Lat 15.176453 Long 76.373676



2nd Gate Noise level



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TC-17231

ANNEXURE-49

Format No: SKAEW/7.8/RF/C/02

AMBIENT NOISE LEVEL MONITORING REPORT

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
 Customer Reference : WORKORDER NO.. 4500004504 Dated 09.01.2026
 Sample collected by : Shri Krishna Aqua Engineering Works
 Discipline : Chemical
 Group : Atmospheric Pollution
 Sample Type : Noise Level Monitoring
 Particulars of Sample Collected : Sound Level Meter
 Make : Kusam Meco , Model: KM929MK1
 Instrument Details : Date of Calibration: 09.09.2025
 Calibration Due Date:08.09.2026
 Month : MARCH-2026
 Report Issue Date : 02.04.2026
 Method Adopted : IS 9989-1981 Reaffirmed 2023
 Report No : ULR-TC1723126000000258F

Sl. No	Location	Date of Sample Collected	Noise Level dB (A)							
			Day Time			Standard	Night Time			Standard
			Min	Max	Avg		Min	Max	Avg	
1	Danapur Village	02.03.2026	48.6	57.2	51.34	55	38.2	44.1	38.74	45
2	Mariyammana Halli	03.03.2026	46.4	56.4	50.12		40.4	42.6	40.88	
3	Hanumana Halli	04.03.2026	45.8	58.1	51.64		37.1	43.1	41.74	
4	Galemmanagudi	05.03.2026	46.6	58.4	52.44		40.8	43.9	41.97	
5	G. Nagalapura Village	06.03.2026	42.1	52.6	48.64		38.6	40.6	38.74	
6	Gunda Tanda Village	07.03.2026	40.6	51.4	48.78		39.2	43.2	40.12	

INFERENCE As per CPCB Standards,
 Report Status: - Measured Values for the above parameters are within the limit.

End of the Report

NOISE: (AMBIENT STANDARDS)

Area code	Category of Area	Limit in dB(A) Leq	
		Day Time	Night Time
A	Industrial Area	75	70
B	Commercial Area	65	55
C	Residential Area	55	45
D	Silence Area	50	40



Reviewed & Authorized Signatory

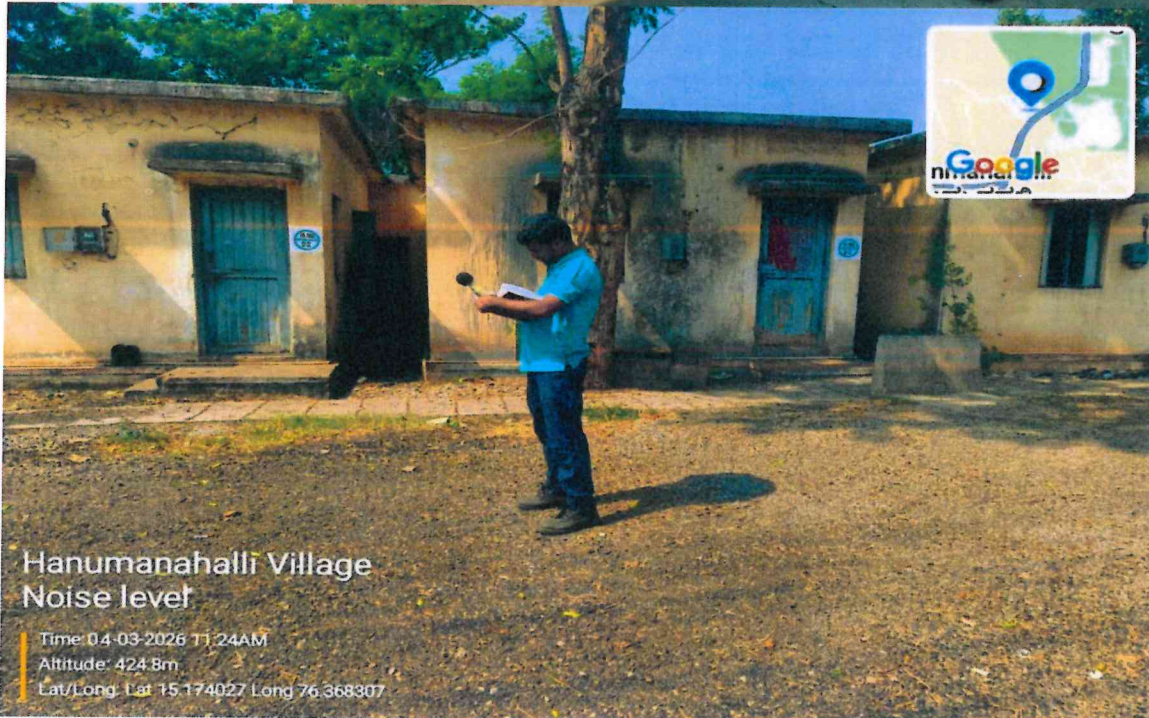
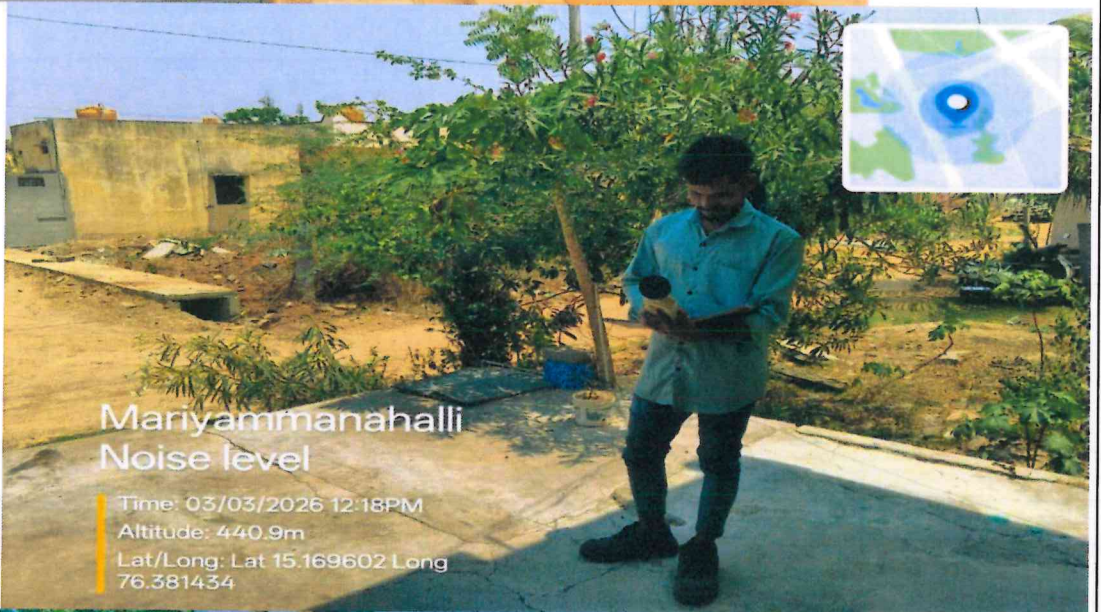
R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

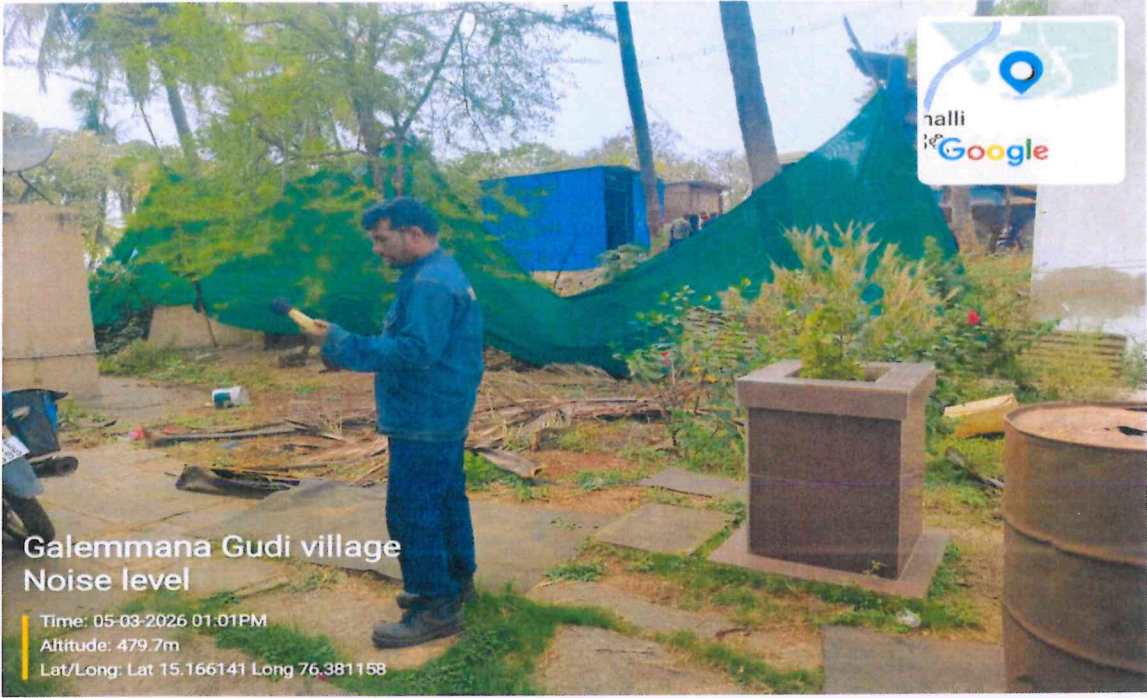
Note:

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AMBIENT NOISE MONITORING

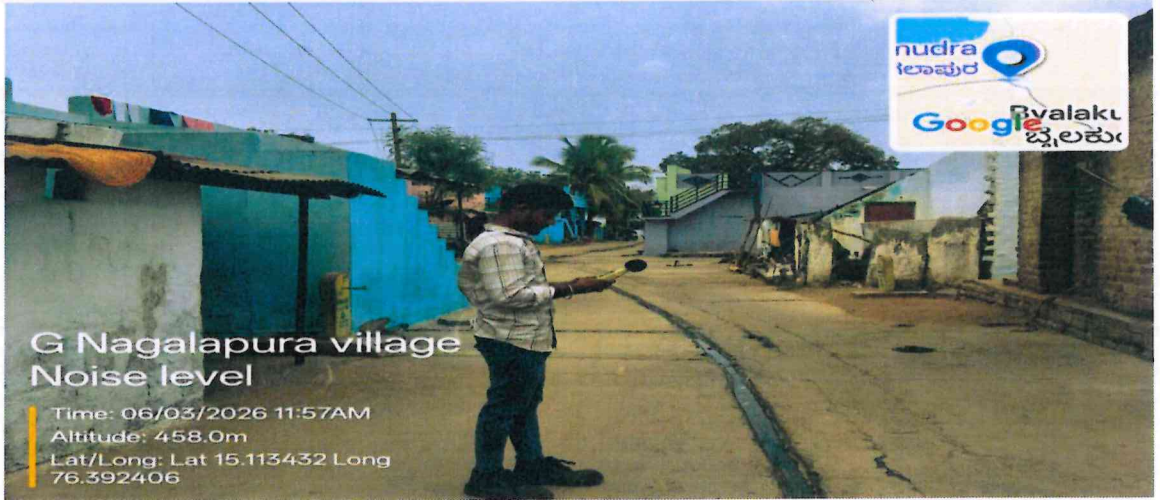


AMBIENT NOISE MONITORING



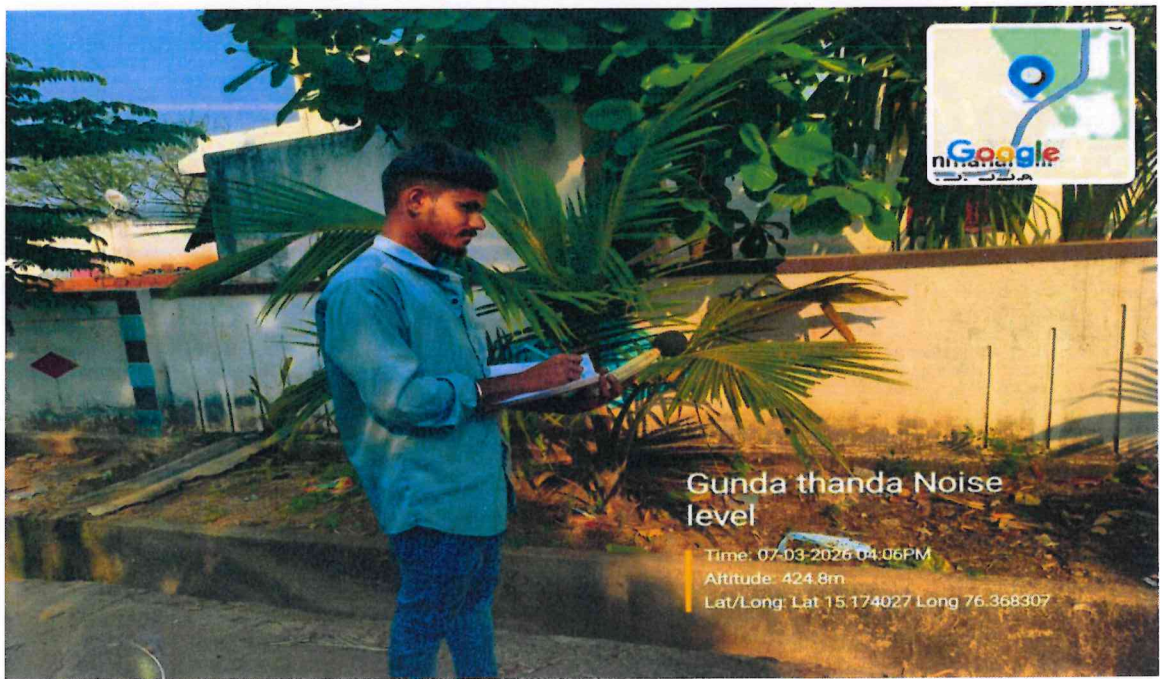
Galemmana Gudi village
Noise level

Time: 05-03-2026 01:01PM
Altitude: 479.7m
Lat/Long: Lat 15.166141 Long 76.381158



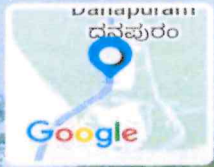
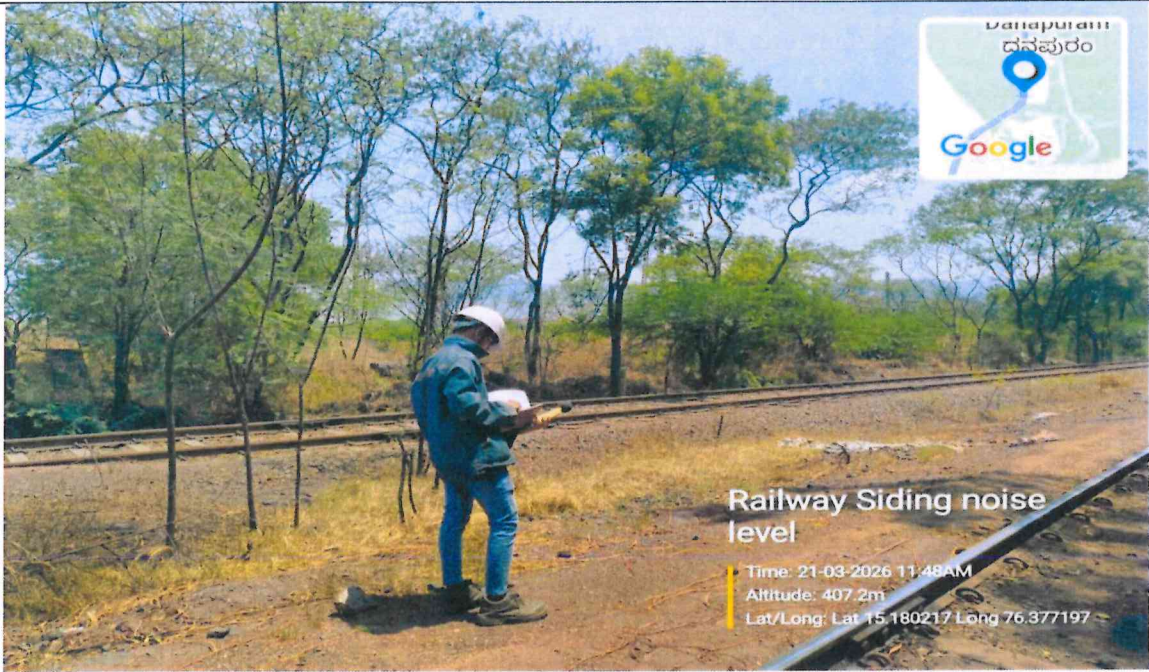
G Nagalapura village
Noise level

Time: 06/03/2026 11:57AM
Altitude: 458.0m
Lat/Long: Lat 15.113432 Long 76.392406



Gunda thanda Noise
level

Time: 07-03-2026 04:06PM
Altitude: 424.8m
Lat/Long: Lat 15.174027 Long 76.368307



Railway Siding noise level

Time: 21-03-2026 11:48AM
Altitude: 407.2m
Lat/Long: Lat 15.180217 Long 76.377197



Sms- vibro feeder noise level

Time: 20-03-2026 02:13PM
Altitude: 426.8m
Lat/Long: Lat 15.166141 Long 76.381158



SHRI KRISHNA AQUA ENGINEERING WORKS

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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-50
Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 618
9	Date of Sampling	: 24.03.2026
10	Sample Received	: 25.03.2026
11	Date of Analysis	: 25.03.2026
12	Date of Analysis Completion	: 31.03.2026
13	Report Issue Date	: 02.04.2026
14	Report Number	: ULR-TC1723126000000303F

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	-	7.18	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	3269	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1798	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	16.41	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	198.62	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	BDL(<0.1)	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	442.25	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	2.29	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	110.87	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	65.41	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	546.38	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	176.06	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	1.25	1 max	1.5 max
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	3.69	45max	NR

Note:

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- 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.
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ANNEXURE-50

16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	450	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	80	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.52	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.06	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****



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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ANNEXURE-50
Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	618
9	Date of Sampling	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/303

Results

Sl. No	Parameters	Protocol	Unit	Danapur Village (GW1)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coli form count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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TC-17231

ANNEXURE-51
Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	619
9	Date of Sampling	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	ULR-TC1723126000000304F

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	-	7.60	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	4760	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	2450	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	255.62	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.38	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	305.22	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	2.84	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	113.68	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	67.12	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	560.4	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	422.9	250max	1000 max

Note:

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14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	1.34	1 max	1.5 max
ANNEXURE-51						
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	2.51	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	440	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	136	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.63	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.06	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW2: Hanumanahalli Village. NR-No relaxation.

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-51
Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	619
9	Date of Sampling	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/304

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	<i>Escherichia coli</i> count	IS : 15185:2016	1 CFU/ 100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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TC-17231

ANNEXURE-52
Format No: SKAEW/7.8/RF/C/08

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 620
9	Date of Sampling	: 24.03.2026
10	Sample Received	: 25.03.2026
11	Date of Analysis	: 25.03.2026
12	Date of Analysis Completion	: 31.03.2026
13	Report Issue Date	: 02.04.2026
14	Report Number	: ULR-TC1723126000000305F

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	2760	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1518	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	23.6	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	125.85	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	BDL(<0.1)	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	196.33	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	8.62	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	119.12	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	70.42	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	587.63	200max	600max

Note:

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TC-17231

13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	382.97	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.33	1 max	1.5 max
ANNEXURE-52						
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.92	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	420	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	46	-	-
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	0.04	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****



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-52
Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Pollution & Environment
7	Sample Type	:	Ground Water
8	Sample Code	:	620
9	Date of Sampling	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/305

Results

Sl. No	Parameters	Protocol	Unit	Galemmana Gudi Village (GW3)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coli form count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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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.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	621
9	Date of Sampling	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	ULR-TC1723126000000306F

Results

Sl. No.	Parameters	Protocol	Unit	Mariyamm anaHalli 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	-	7.41	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	3321	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1826	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	3.66	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	134.25	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.16	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	415.2	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	3.66	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	119.18	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	70.46	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	587.90	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	406.57	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.43	1 max	1.5 max

Note:

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SHRI KRISHNA AQUA ENGINEERING WORKS

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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



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ANNEXURE53

15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	2.96	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	492	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	88	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.51	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.05	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



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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ANNEXURE-53
Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	621
9	Date of Sampling	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/306

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	<i>Escherichia coli</i> count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
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TC-17231

ANNEXURE-54
Format No: SKAEW/7.8/RF/C/08

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500004504 Dated 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	622
9	Date of Sampling	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	ULR-TC172312600000307F

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	-	8.02	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	663	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	365	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	40.15	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.22	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	51.68	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	7.66	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	39.26	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	21.91	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	188.33	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	79.86	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.25	1 max	1.5 max

Note:

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- (*) Details as Furnished by Customer.
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ANNEXURE-54

15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.62	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	198	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	52	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.68	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.05	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



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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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.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical/Biological
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 622
9	Date of Sampling	: 24.03.2026
10	Sample Received	: 25.03.2026
11	Date of Analysis	: 25.03.2026
12	Date of Analysis Completion	: 31.03.2026
13	Report Issue Date	: 02.04.2026
14	Report Number	: SKAEW/BMMIL/GW/2026-27/307

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	<i>Escherichia coli</i> count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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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.. 4500004504 Dated 09.01.2026 - 450000125
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	:	623
9	Date of Sampling	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	ULR-TC172312600000308F

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	-	7.41	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	2540	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1397	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	26.25	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	112.52	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	BDL(<0.1)	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	251.11	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	6.95	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	72.1	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	41.86	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	352.50	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	225.06	250max	1000 max

Note:

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TC-17231

Sl. No.	Parameter	Standard	Unit	Observed Value	Limit	Remarks
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.23	1 max	1.5 max
ANNEXURE-55						
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	2.41	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	392	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	22	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.14	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.04	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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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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.. 4500004504 DATED 09.01.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	623
9	Date of Sampling	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/308

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	<i>Escherichia coli</i> count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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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.. 4500004504 Dated 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: RO Drinking Water
8	Sample Code	: 624
9	Date of Sampling	: 24.03.2026
10	Sample Received	: 25.03.2026
11	Date of Analysis	: 25.03.2026
12	Date of Analysis Completion	: 31.03.2026
13	Report Issue Date	: 02.04.2026
14	Report Number	: ULR-TC172312600000309F

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	-	8.36	6.5 to 8.5	NR
2.	Electrical Conductivity @ 25 °C	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	372	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	210	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	21.15	200max	400max
6.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	2.52	-	-
7.	Potassium as K	IS 3025 Part 45: 2024	mg/L	0.96	-	-
8.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	23.26	75max	200max
9.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	12.19	30max	100max
10.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	108.30	200max	600max
11.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	25.41	250max	1000 max
12.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.27	1 max	1.5 max
13.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.81	45max	NR
14.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	118	200max	600max

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit
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ANNEXURE-56

15	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	0.00	-	-
16	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.43	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	0.00	0.2max	1.0max
20.	Boron as B	IS 3025 Part 57: 2021	mg/L	0.15	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



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
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ANNEXURE-56
Format No: SKAEW/7.8/RF/C/09

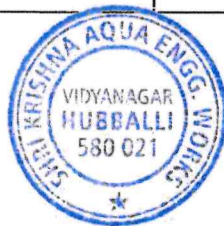
Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500004504 DATED 09.01.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical/Biological
6	Group	: Water
7	Sample Type	: RO Drinking Water
8	Sample Code	: 624
9	Date of Sampling	: 24.03.2026
10	Sample Received	: 25.03.2026
11	Date of Analysis	: 25.03.2026
12	Date of Analysis Completion	: 31.03.2026
13	Report Issue Date	: 02.04.2026
14	Report Number	: SKAEW/BMMIL/RO/2026-27/309

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	Phosphorus as 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	<i>Escherichia coli</i> count	IS :15185:2016	1 CFU/ 100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation,



Reviewed & Authorized Signatory

R.H. Bengeri
Mrs. Radha M Bengeri
Technical Manger

Note:

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- (*) Details as Furnished by Customer.
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SHRI KRISHNA AQUA ENGINEERING WORKS

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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.. 4500004504 Dated 09.01.2026
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	:	24.03.2026
9	Sample Received	:	25.03.2026
10	Date of Analysis	:	25.03.2026
11	Date of Analysis Completion	:	30.03.2026
12	Report Issue Date	:	02.04.2026

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				-	625	626	627	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.42	7.58	7.61	6.5 to 8.5	
2.	Colour	IS 3025 Part 4: 2021	Hazen	2	3	2		
3.	Total Suspended Solids	IS 3025 Part 17: 2022	mg/L	15.55	BDL(<2.0)	17.66	<20	
4.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 PART 44: 2023	mg/L	7	6.2	5	<10	
5.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	23.76	24.57	19.44	<50	
6.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	7.92	8.02	7.88	10	
7.	Kjeldhal Nitrogen	IS 3025 Part 34 Sec 1: 2023	mg/L	0.81	0.38	1.05	5	
8	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.06	0.03	0.05	-	

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

I-STP 45 KLD - Near Fortivia Report Number: ULR-TC172312600000310F

II-STP-1 90 KLD -Near ISP Area Report Number: ULR-TC172312600000320F

III- STP-2 90 KLD -Near Gunda Guest House Report Number: ULR-TC172312600000321F

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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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.. 4500004504 DATED 09.01.2026
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	:	24.03.2026
9	Sample Received	:	25.03.2026
10	Date of Analysis	:	25.03.2026
11	Date of Analysis Completion	:	30.03.2026
12	Report Issue Date	:	02.04.2026

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				625	626	627	
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 ₆ H ₅ OH)	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	27	32	43	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/2026-27/310

II-STP-1 90 KLD –Near ISP Area, Report Number: SKAEW/BMMIL/STP/2026-27/320

III-STP-2 90 KLD –Near Gunda Guest House, Report Number: SKAEW/BMMIL/STP/2026-27/321



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
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TC-17231

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.. 4500004504 Dated 09.01.2026
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	:	24.03.2026
9	Sample Received	:	25.03.2026
10	Date of Analysis	:	25.03.2026
11	Date of Analysis Completion	:	31.03.2026
12	Report Issue Date	:	02.04.2026
13	Report Number	:	ULR-TC1723126000000311F

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				628	629	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	8.82	7.92	6.5 to 9.0
2.	Total Suspended Solids	IS 3025 Part 17: 2022	mg/L	24.15	5.66	100
3.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	BDL(<4.0)	BDL(<4.0)	250
4.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	5.16	4.96	10

Note: BDL-Below detectable Limit.

INFERENCE: The Measured values are within the Limit.

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



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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TC-17231

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.. 4500004504 Dated 09.01.2026
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(Main gate Check dam)
8	Date of Sampling	:	24.03.2026
9	Sample Received	:	25.03.2026
10	Date of Analysis	:	25.03.2026
11	Date of Analysis Completion	:	31.03.2026
12	Report Issue Date	:	02.04.2026
13	Report Number	:	ULR-TC1723126000000312F

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				Danayakanakere Upstream	Danayakanakere Downstream	
Sample code				630	631	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.75	8.05	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	0.0	0.0	3.0
4	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.13	0.91	1.3
5	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	5.1	5.2	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.03	0.05	1.0

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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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.. 4500004504 DATED 09.01.2026
- 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 : 24.03.2026
- 10 Sample Received : 25.03.2026
- 11 Date of Analysis : 25.03.2026
- 12 Date of Analysis Completion : 31.03.2026
- 13 Report Issue Date : **02.04.2026**
- 14 Report Number : **SKAEW/BMMIL/SW/2026-27/312**

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				Danayakanakere Upstream	Danayakanakere Downstream	
Sample code				630	631	
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 ₆ H ₅ OH)	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	80	90	500
	<i>Escherichia coli</i> or <i>E. coli</i>	IS : 1622:1981	MPN/ 100 ml	Absent	Absent	-



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit
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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.. 4500004504 Dated 09.01.2026
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	:	24.03.2026
9	Sample Received	:	25.03.2026
10	Date of Analysis	:	25.03.2026
11	Date of Analysis Completion	:	31.03.2026
12	Report Issue Date	:	02.04.2026
13	Report Number	:	ULR-TC1723126000000313F

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				KempuHalla Upstream	KempuHalla Downstream	
Sample code				632	633	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	8.15	8.35	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	0.0	0.0	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	5.3	5.1	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.08	0.05	1.0

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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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.. 4500004504 DATED 09.01.2026
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	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/SW/2026-27/313

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				KempuHalla Upstream	KempuHalla Downstream	
Sample code				632	633	
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 ₆ H ₅ OH)	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	90	500
	<i>Escherichia coli</i> or <i>E. coli</i>	IS : 1622:1981	MPN/ 100 ml	Absent	Absent	-



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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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.. 4500004504 Dated 09.01.2026
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	: 24.03.2026
9	Sample Received	: 25.03.2026
10	Date of Analysis	: 25.03.2026
11	Date of Analysis Completion	: 31.03.2026
12	Report Issue Date	: 02.04.2026
13	Report Number	: ULR-TC1723126000000314F

Sl. No.	Parameters	Protocol	Unit	Results	
				Tungabhadra dam	IS 2296 -1982 CLASS -B
Sample Code				634	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	8.22	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	2.2	3.0
4.	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.20	1.5
5.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	262	-
6.	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	5.4	>5
7.	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.05	1.0

INFERENCE: The measured values are within the Limit.

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



Reviewed & Authorized Signatory

R.H. Bengeri

ssMrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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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.. 4500004504 DATED 09.01.2026
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	:	24.03.2026
10	Sample Received	:	25.03.2026
11	Date of Analysis	:	25.03.2026
12	Date of Analysis Completion	:	31.03.2026
13	Report Issue Date	:	02.04.2026
14	Report Number	:	SKAEW/BMMIL/SW/2026-27/314

Sl. No.	Parameters	Protocol	Unit	Results	IS 2296 -1982 CLASS -B
				Tungabhadra dam	
				Sample Code	634
8	Total Suspended Solids	APHA 24th Edition 2540 D: 2023	mg/L	26	-
9	Arsenic as As	APHA 24th Edition 3114- 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 ₆ H ₅ OH)	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	80	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.



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

WATER SAMPLING LOCATIONS



Danapur Village (GW)

Time: 24-03-2026 04:15PM
Altitude: 432.5m
Lat/Long: Lat 15.176178 Long 76.372577



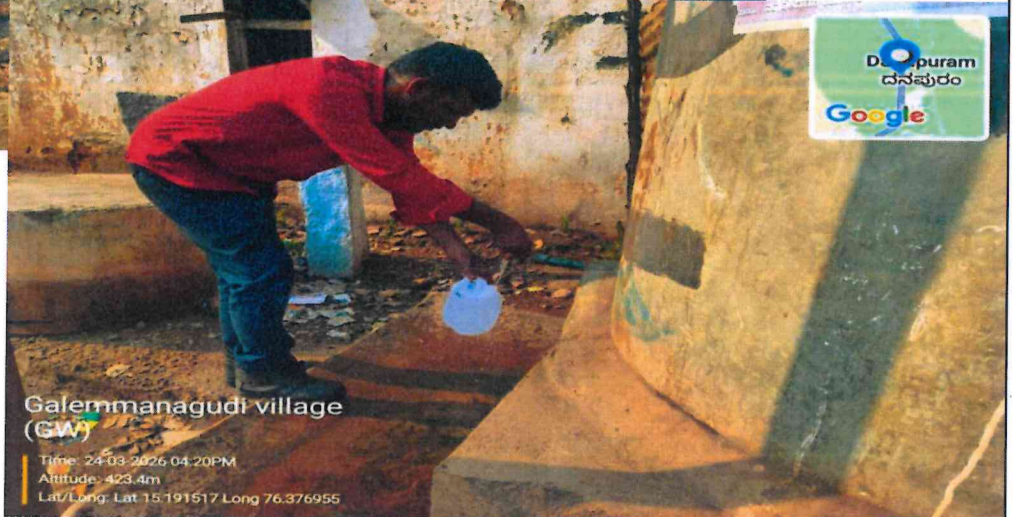
Mariyammanahalli (GW)

Time: 24-03-2026 03:32PM
Altitude: 446.6m
Lat/Long: Lat 15.160558 Long 76.358349



Hanumanahalli (GW)

Time: 24-03-2026 04:24PM
Altitude: 424.1m
Lat/Long: Lat 15.185978 Long 76.377851



Galemmanagudi village (GW)

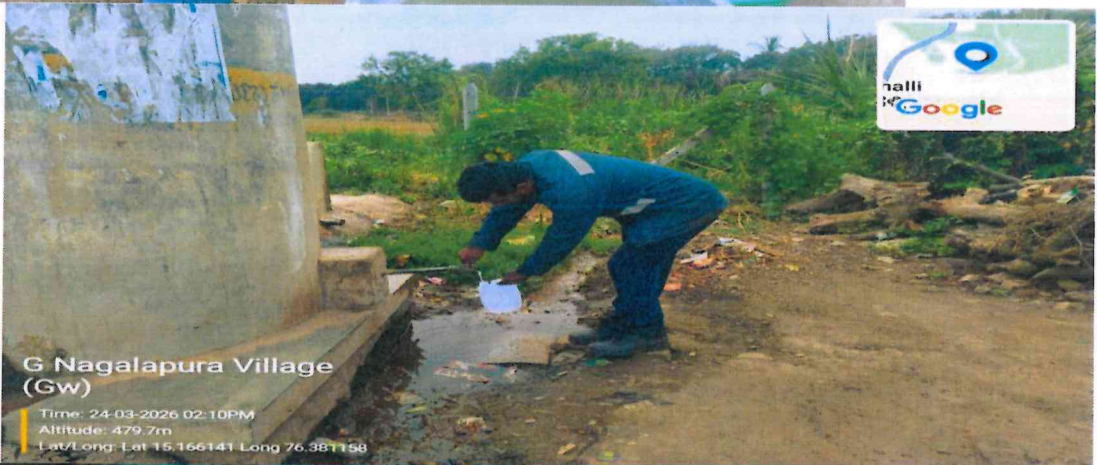
Time: 24-03-2026 04:20PM
Altitude: 423.4m
Lat/Long: Lat 15.191517 Long 76.376955

WATER SAMPLING LOCATIONS



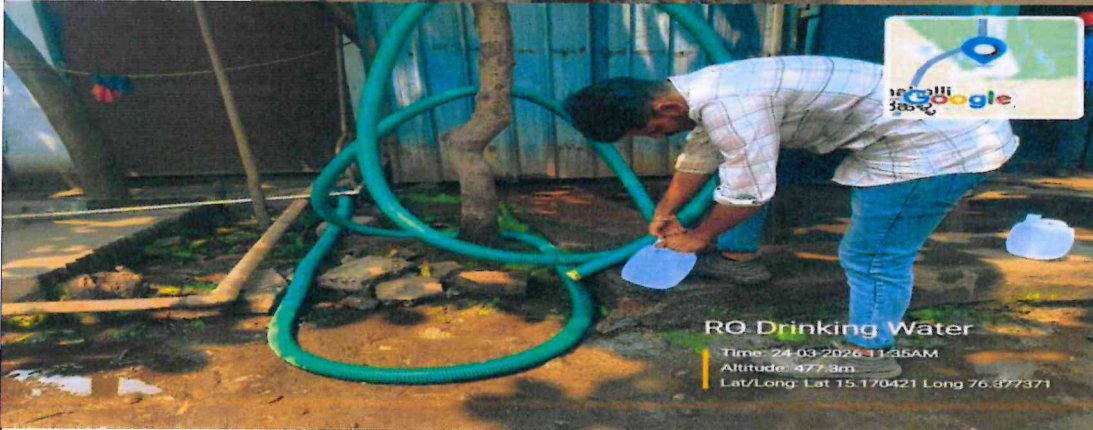
Gunda Thanda (GW)

Time: 24-03-2026 03:49PM
Altitude: 448.1m
Lat/Long: Lat 15.145371 Long 76.392177



G Nagalapura Village (Gw)

Time: 24-03-2026 02:10PM
Altitude: 479.7m
Lat/Long: Lat 15.166141 Long 76.381158



RO Drinking Water

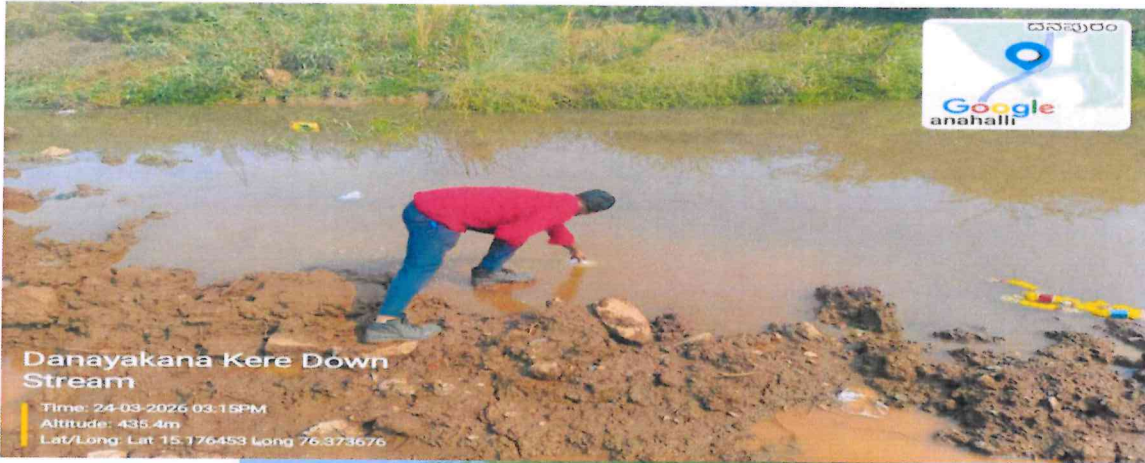
Time: 24-03-2026 11:35AM
Altitude: 477.8m
Lat/Long: Lat 15.170421 Long 76.377371



Neutralization Pit 2x70 MW Power Plant

Time: 23-03-2026 10:37AM
Altitude: 426.4m
Lat/Long: Lat 15.180217 Long 76.377197

WATER SAMPLING LOCATIONS



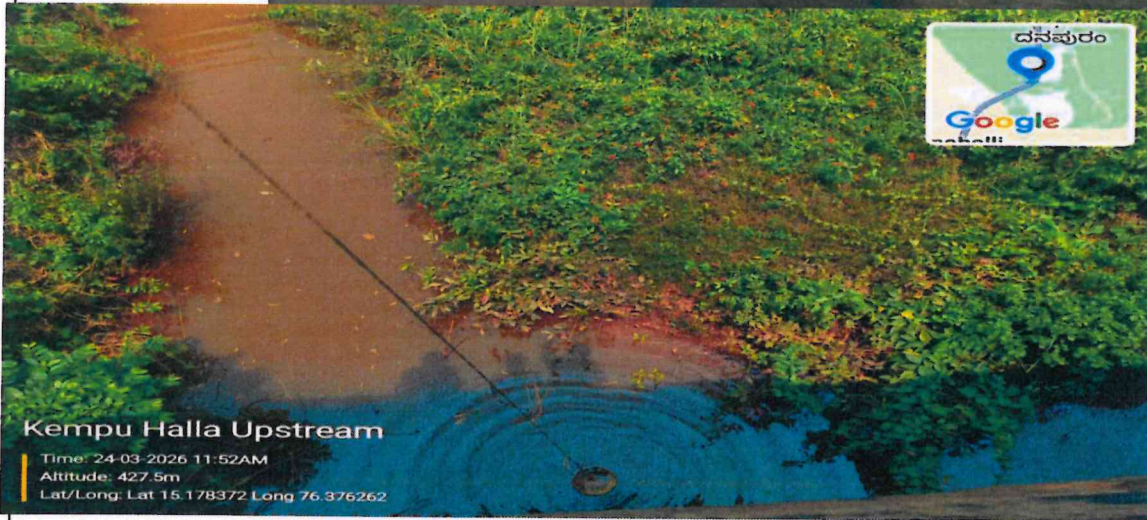
Danayakana Kere Down Stream

Time: 24-03-2026 03:15PM
Altitude: 435.4m
Lat/Long: Lat 15.176453 long 76.373676



Danayakana Kere Up Stream

Time: 24-03-2026 04:05PM
Altitude: 426.6m
Lat/Long: Lat 15.156912 Long 76.362982



Kempu Halla Upstream

Time: 24-03-2026 11:52AM
Altitude: 427.5m
Lat/Long: Lat 15.178372 Long 76.376262



Kempu Halla Downstream

Time: 24-03-2026 03:12PM
Altitude: 435.4m
Lat/Long: Lat 15.176453 Long 76.373676

WATER SAMPLING LOCATIONS



STP WATER SAMPLING LOCATIONS



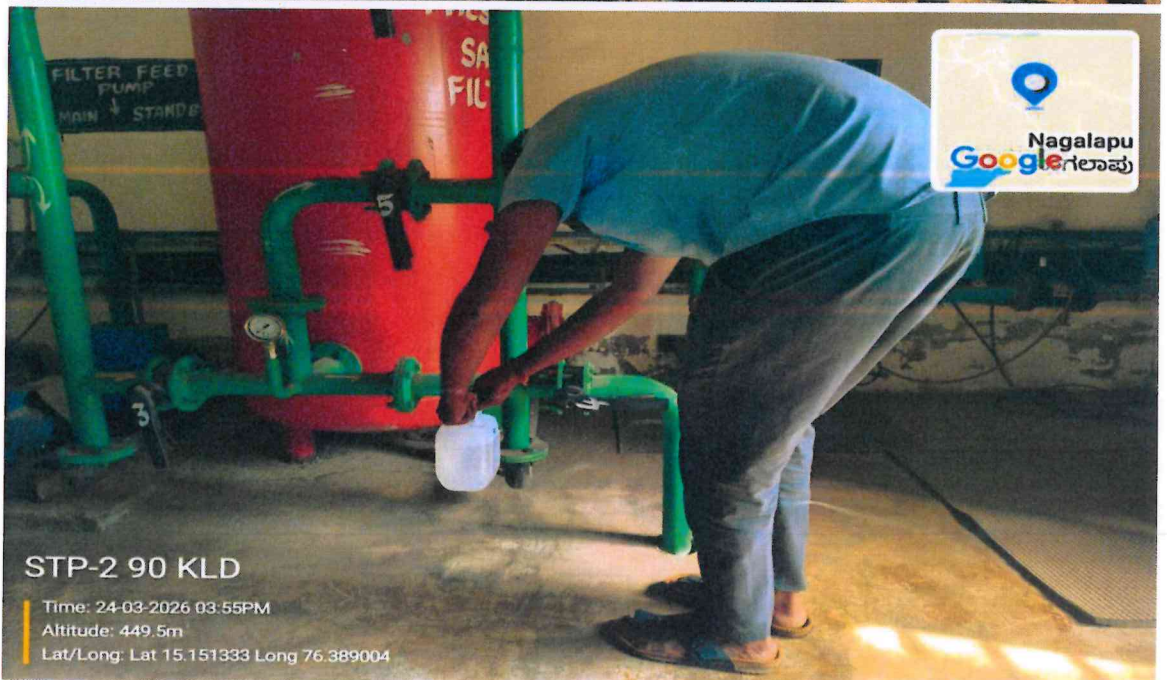
STP-1 45 KLD

Time: 24-03-2026 02:50PM
Altitude: 425.0m
Lat/Long: Lat 15.169663 Long 76.377215



STP-1 90 KLD

Time: 24-03-2026 12:36PM
Altitude: 425.0m
Lat/Long: Lat 15.169663 Long 76.377215



STP-2 90 KLD

Time: 24-03-2026 03:55PM
Altitude: 449.5m
Lat/Long: Lat 15.151333 Long 76.389004

