

BMM Ispat Ltd.,

ENVIRONMENTAL MONITORING REPORT



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

AUGUST-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 Billet Caster	1.10 MTPA 1.10 MTPA
9	Rolling mills: Hot strip mill Structural/wire rods	1.00 MTPA 1.00 MTPA
10	Oxygen Plant	2x500 TPD
11	Calcining	1,080 TPD
12	Cement Plant	1.40 MTPA
13	Power Plant	230 MW
14	Sponge Iron Division -1	2 x 100 TPD
15	Induction furnace (billets)	9000 tonnes/month
16	Rolling Mill (TMT rods)	9000 tonnes/month
17	Captive Power Plant	25 MW

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

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

1.4 The report includes environmental monitoring data collected at above site for the month of **AUGUST-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 25.95, 5.35, 8.30 & 10.11 µg/m3 respectively. All above the values were found within the Limits. And the results given in **Annexure-1**.

Mariyammanahalli Village (A2)

At this location, average of PM10, PM2.5, SO2, NO2 values Average 24.82, 6.34, 9.09 & 10.58 µg/m3 respectively. All above the values were found within the Limits. And the results given in **Annexure-2**.

Hanumanahalli Village (A3)

At this location, average of PM10, PM2.5, SO2, NO2 values Average 30.56, 6.37, 8.72 & 10.06 µg/m3 respectively. All above the values were found within the Limits. Results given in **Annexure-3**.

Galemmanagudi Village (A4)

At this location, average of PM10, PM2.5, SO2, NO2 values Average 33.40, 7.98, 8.94 & 10.28 $\mu\text{g}/\text{m}^3$ 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 20.50, 4.06, 6.14 & 8.30 $\mu\text{g}/\text{m}^3$ 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 28.67, 8.15, 7.05 & 08.34 $\mu\text{g}/\text{m}^3$ 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 106.78 $\mu\text{g}/\text{m}^3$, maximum value 1852.33 $\mu\text{g}/\text{m}^3$ and average value 690.17 $\mu\text{g}/\text{m}^3$. 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 8.90 mg/Nm^3 , Maximum Value 42.38 mg/Nm^3 & Average Value 24.11 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 41.2 dB to 73.9 dB (A). The noise level status is given in **Annexure-47 to Annexure-48**

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

5.5 **CONCLUSION**

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



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TC-17231

ANNEXURE-01

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : AUGUST-2026
Location : A1-Danapur Village
Duration of Monitoring : 24 Hour
Report Issued Date : 03.09.2026
Report Number : ULR-TC1723126000000691F

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
03.08.2026	04.08.2026	1990	24.84	100	5.97	60	9.69	80	10.77	80
04.08.2026	05.08.2026	2013	17.91		3.78		6.26		8.17	
10.08.2026	11.08.2026	2084	22.45		4.68		7.27		7.50	
11.08.2026	12.08.2026	2099	38.07		7.42		5.46		6.22	
17.08.2026	18.08.2026	2153	41.32		11.13		10.12		12.93	
18.08.2026	19.08.2026	2168	13.30		0.86		11.12		12.98	
24.08.2026	25.08.2026	2238	22.91		3.24		8.73		11.86	
25.08.2026	26.08.2026	2249	26.77		5.75		7.72		10.42	
Average			25.95		5.35		08.30		10.11	

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:

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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.. 4500005206 DATED 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyzer
Month : AUGUST-2026
Location : A1-Danapur Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.09.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/515

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	03.08.2026	1990	0.10	4.0
2	04.08.2026	2013	0.14	
3	10.08.2026	2084	<0.01	
4	11.08.2026	2099	<0.01	
5	17.08.2026	2153	<0.01	
6	18.08.2026	2168	<0.01	
7	24.08.2026	2238	<0.01	
8	25.08.2026	2249	<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.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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AMBIENT AIR QUALITY MONITORING

Location: A 1- Danapura

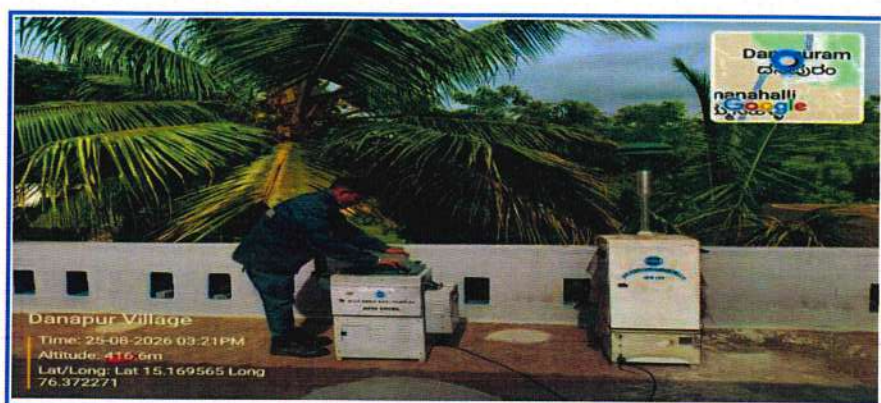
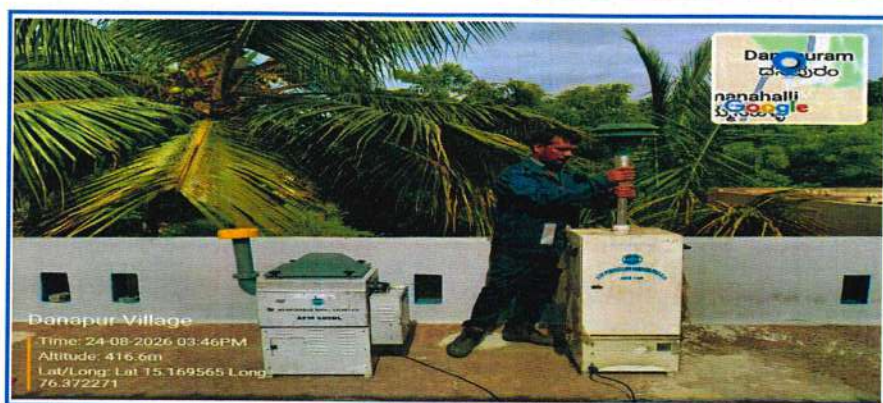
Address: T Kotresh S/o T Thyappa Vyasankere colony Danapur Near VRM Hospital



AMBIENT AIR QUALITY MONITORING

Location: A 1 - Danapura

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





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TC-17231

ANNEXURE-02

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

RESULTS

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : AUGUST-2026
Location : A2-Mariyammanahalli Village
Duration of Monitoring : 24 Hour
Report Issued Date : 03.09.2026
Report Number : ULR-TC1723126000000706F

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
05.08.2026	06.08.2026	2029	32.90	100	7.53	60	6.26	80	6.80	80
06.08.2026	07.08.2026	2046	17.63		2.38		9.74		9.92	
10.08.2026	11.08.2026	2085	22.50		6.81		11.27		12.06	
11.08.2026	12.08.2026	2100	32.86		8.95		7.49		9.01	
19.08.2026	20.08.2026	2186	29.19		8.50		11.04		14.14	
20.08.2026	21.08.2026	2198	24.12		6.47		9.24		12.08	
24.08.2026	25.08.2026	2231	23.35		3.48		11.74		13.56	
25.08.2026	26.08.2026	2244	15.98		6.63		5.96		7.03	
Average			24.82		6.34		09.09		10.58	

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.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-02

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyser
Month : AUGUST-2026
Location : A2-Mariyammanahalli Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.09.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/524

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	05.08.2026	2029	0.12	4.0
2	06.08.2026	2046	<0.01	
3	10.08.2026	2085	0.10	
4	11.08.2026	2100	0.16	
5	19.08.2026	2186	0.12	
6	20.08.2026	2198	0.16	
7	24.08.2026	2231	0.10	
8	25.08.2026	2244	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 Manager

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AMBIENT AIR QUALITY MONITORING

Location: A 2 -Mariyammanahalli

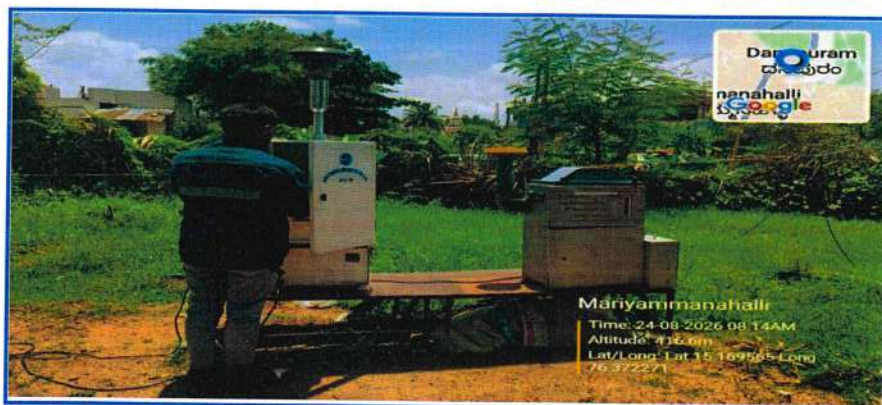
Address: Maruthi G S/o Uppar Ramappa 6th ward venkatapura road, MM Halli



AMBIENT AIR QUALITY MONITORING

Location: A 2 - Mariyammanahalli

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





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ANNEXURE-03

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : AUGUST-2026
Location : A3-Hanumanahalli Village
Duration of Monitoring : 24 Hour
Report Issued Date : 03.09.2026
Report Number : ULR-TC172312600000707F

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
05.08.2026	06.08.2026	2030	37.99	100	6.97	60	9.95	80	10.94	80
06.08.2026	07.08.2026	2045	22.37		2.76		12.36		12.93	
10.08.2026	11.08.2026	2086	25.48		7.03		9.22		10.14	
11.08.2026	12.08.2026	2101	42.95		8.95		7.49		9.83	
19.08.2026	20.08.2026	2187	32.76		8.50		6.76		7.71	
20.08.2026	21.08.2026	2199	24.12		6.47		7.01		9.06	
24.08.2026	25.08.2026	2232	25.28		3.66		9.25		10.28	
25.08.2026	26.08.2026	2245	33.56		6.63		7.71		9.56	
Average			30.56		6.37		8.72		10.06	

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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- (*) Details as Furnished by Customer.
- Total BDL : Below Detectable Limit, DL : Detection Limit.
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SHRI KRISHNA AQUA ENGINEERING WORKS

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

ANNEXURE-03

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyzer
Month : AUGUST-2026
Location : A3-Hanumanahalli Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.09.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/422

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	05.08.2026	2030	0.14	4.0
2	06.08.2026	2045	0.12	
3	10.08.2026	2086	0.10	
4	11.08.2026	2101	0.10	
5	19.08.2026	2187	<0.01	
6	20.08.2026	2199	<0.01	
7	24.08.2026	2232	<0.01	
8	25.08.2026	2245	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

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

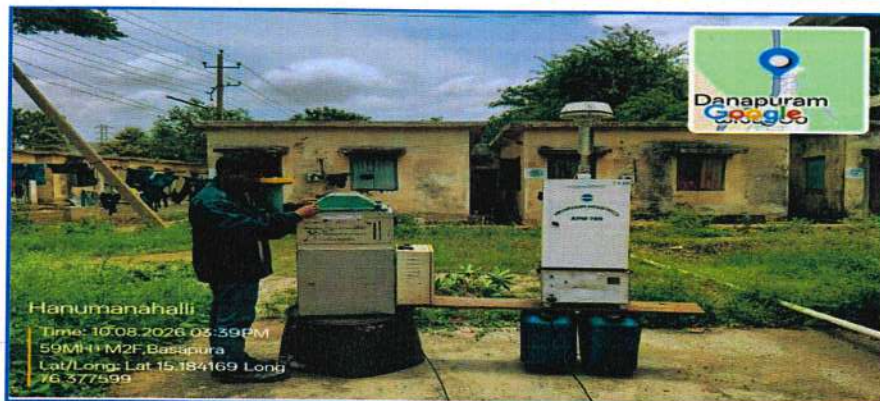
Note:

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

AMBIENT AIR QUALITY MONITORING

Location: A 3- Hanumanahalli

Address: BMM OHC Hospital Hanumanahalli near STP



AMBIENT AIR QUALITY MONITORING

Location: A 3- Hanumanahalli

Address: BMM OHC Hospital Hanumanahalli near STP





SHRI KRISHNA AQUA ENGINEERING WORKS

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



TC-17231

ANNEXURE-04

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : AUGUST-2026
Location : A4-Galemmanagudi Village
Duration of Monitoring : 24 Hour
Report Issue Date : 03.09.2026
Report Number : ULR-TC1723126000000692F

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
03.08.2026	04.08.2026	1991	28.00	100	5.75	60	10.56	80	11.21	80
04.08.2026	05.08.2026	2014	21.41		3.66		9.61		10.85	
12.08.2026	13.08.2026	2113	41.45		10.45		8.20		9.87	
13.08.2026	14.08.2026	2122	37.65		8.59		9.16		11.59	
17.08.2026	18.08.2026	2163	43.35		11.05		7.53		9.72	
18.08.2026	19.08.2026	2173	15.83		1.28		7.11		8.10	
26.08.2026	27.08.2026	2255	43.48		11.65		8.58		9.28	
27.08.2026	28.08.2026	2270	36.07		11.42		10.76		11.61	
Average			33.40		7.98		08.94		10.28	

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

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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



SHRI KRISHNA AQUA ENGINEERING WORKS

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

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyser
Month : AUGUST-2026
Location : A4-Galemmanagudi Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.09.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/512

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	03.08.2026	1991	0.12	4.0
2	04.08.2026	2014	0.18	
3	12.08.2026	2113	0.12	
4	13.08.2026	2122	0.10	
5	17.08.2026	2163	0.10	
6	18.08.2026	2173	0.12	
7	26.08.2026	2255	0.14	
8	27.08.2026	2270	0.16	

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 Manager

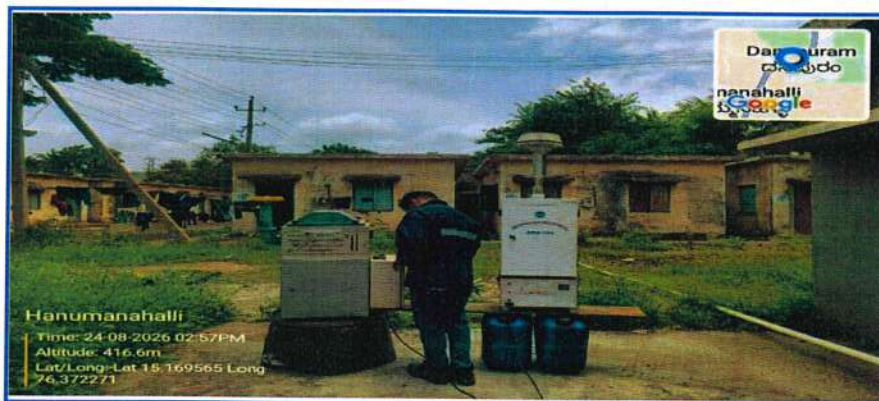
Note:

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

Location: A 4 -Galemmanagudi

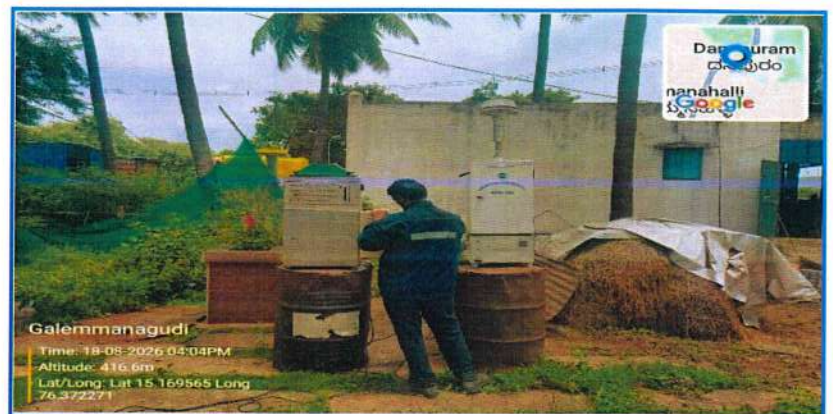
Address: Jeevan Galemmanagudi Village near welcome board Hanumanhalli Post.



AMBIENT AIR QUALITY MONITORING

Location: A 4- Galemmanagudi

Address: Jeevan Galemmanagudi Village near welcome board Hanumanhalli Post.





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TC-17231

ANNEXURE-05

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : AUGUST-2026
Location : A5-G Nagalapura Village
Duration of Monitoring : 24 Hour
Report Issue Date : 03.09.2026
Report Number : ULR-TC1723126000000693F

RESULTS

Parameters			PM10 [µg/m3]		PM2.5 [µg/m3]		SO2 [µg/m3]		NO2 [µg/m3]	
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)	
Date of Sampling	Date of Received Sample	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD
03.08.2026	04.08.2026	1992	22.29	100	2.83	60	6.65	80	8.16	80
04.08.2026	05.08.2026	2015	20.72		3.42		8.12		9.18	
10.08.2026	11.08.2026	2087	16.81		4.12		5.08		6.90	
11.08.2026	12.08.2026	2102	20.41		7.26		6.07		8.49	
17.08.2026	18.08.2026	2164	31.34		5.88		6.63		7.69	
18.08.2026	19.08.2026	2174	12.31		0.74		5.08		9.73	
24.08.2026	25.08.2026	2230	18.85		4.45		6.63		8.45	
25.08.2026	26.08.2026	2246	21.28		3.75		4.87		7.81	
Average			20.50		04.06		6.14		08.30	

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

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

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



Reviewed & Authorized Signatory

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

ANNEXURE-05

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyser
Month : AUGUST-2026
Location : A5- G Nagalapura Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.09.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/513

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	03.08.2026	1992	<0.01	4.0
2	04.08.2026	2015	<0.01	
3	10.08.2026	2087	<0.01	
4	11.08.2026	2102	<0.01	
5	17.08.2026	2164	<0.01	
6	18.08.2026	2174	<0.01	
7	24.08.2026	2230	<0.01	
8	25.08.2026	2246	<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 Manager

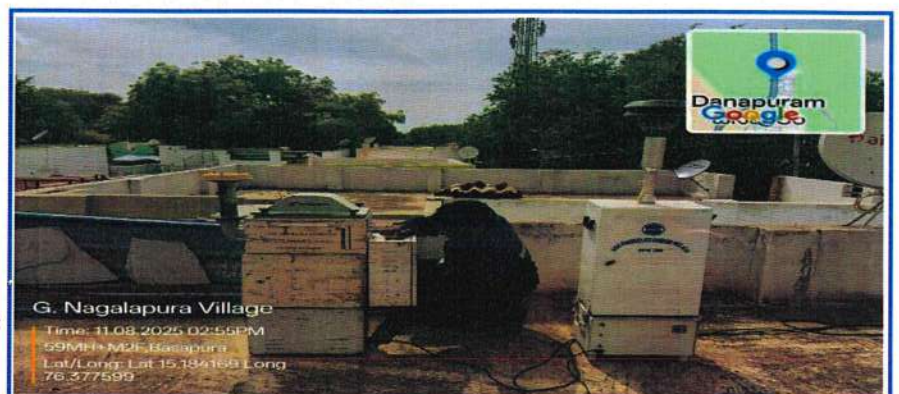
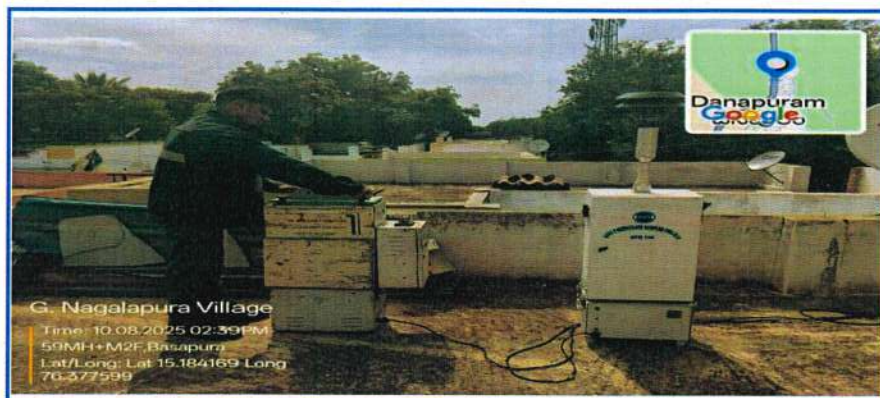
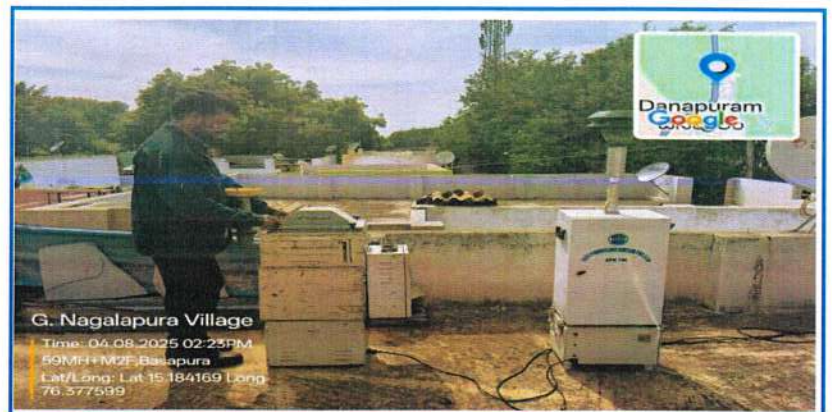
Note:

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

Location: A 5- G Nagalapura

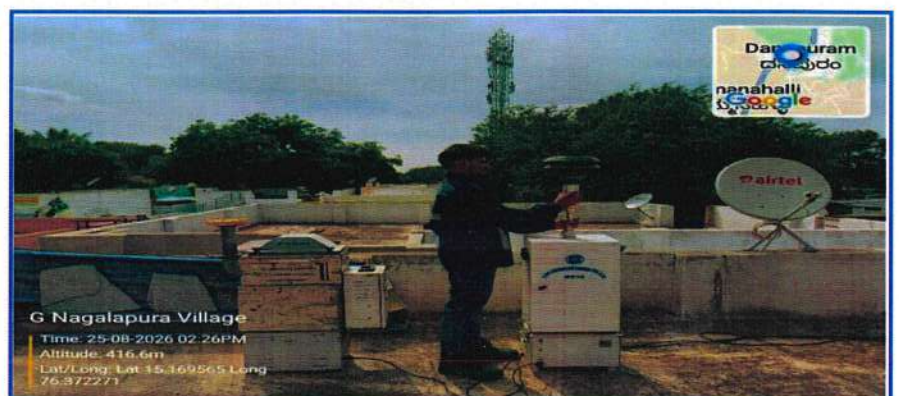
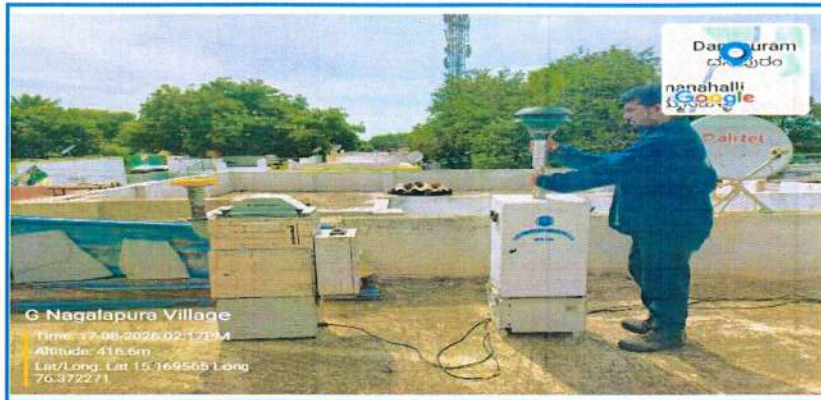
Address: B Manjunath S/o B Hemanna G Nagalapura Hospet



AMBIENT AIR QUALITY MONITORING

Location: A 5- G Nagalapura

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





SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
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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.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : AUGUST-2026
Location : A6-Gunda Tanda Village
Duration of Monitoring : 24 Hour
Report Issue Date : 03.09.2026
Report Number : ULR-TC1723126000000694F

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
03.08.2026	04.08.2026	1993	26.43	100	3.63	60	7.71	80	7.66	80
04.08.2026	05.08.2026	2016	19.75		4.62		5.45		9.01	
12.08.2026	13.08.2026	2114	31.77		7.20		8.21		8.47	
13.08.2026	14.08.2026	2123	33.59		11.37		5.08		8.47	
17.08.2026	18.08.2026	2165	35.64		9.71		6.05		6.57	
18.08.2026	19.08.2026	2175	20.45		8.01		8.51		8.07	
26.08.2026	27.08.2026	2256	31.04		12.48		8.44		9.42	
27.08.2026	28.08.2026	2271	30.71		8.17		6.98		9.02	
Average			28.67		08.15		7.05		08.34	

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

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

ANNEXURE-06

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyser
Month : AUGUST-2026
Location : A6-Gunda Tanda Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.09.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/517

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	03.08.2026	1993	<0.01	4.0
2	04.08.2026	2016	<0.01	
3	12.08.2026	2114	<0.01	
4	13.08.2026	2123	<0.01	
5	17.08.2026	2165	<0.01	
6	18.08.2026	2175	<0.01	
7	26.08.2026	2256	<0.01	
8	27.08.2026	2271	<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.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

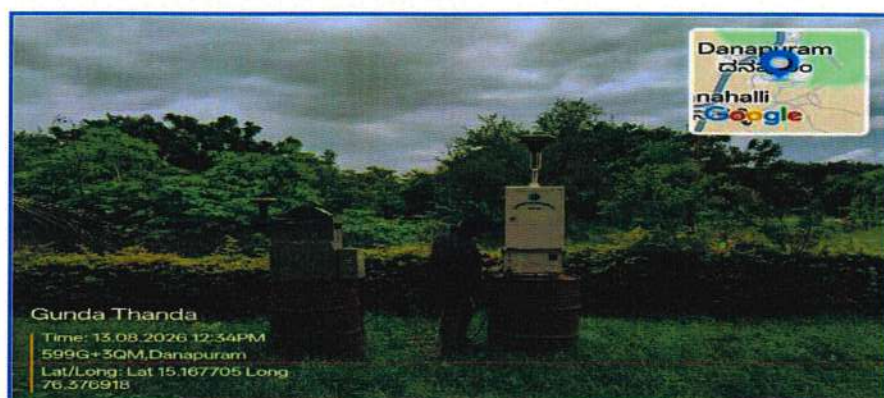
Note:

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

AMBIENT AIR QUALITY MONITORING

Location: A 6 – Gunda Thanda

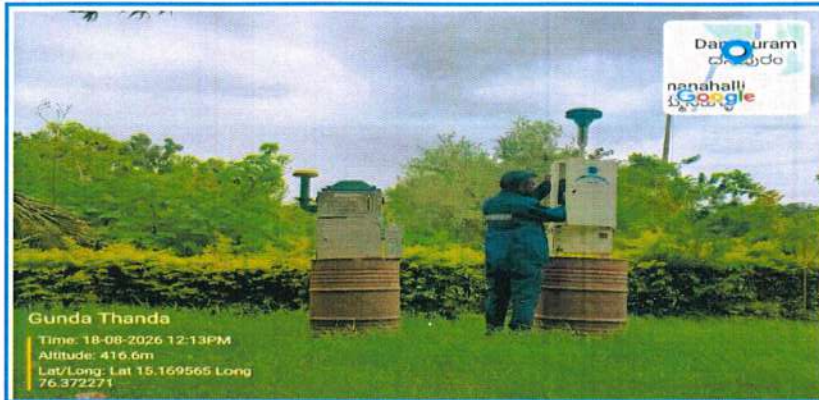
Address: BMM Quarters



AMBIENT AIR QUALITY MONITORING

Location: A 6 – Gunda Thanda

Address: BMM Quarters





SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-07

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

FORTNIGHTLY FUGITIVE AIR QUALITY MONITORING DATA

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(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	:	03.09.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/534

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	2066	07.08.2026	08.08.2026	872.23	2000
2.	Iron Ore Screen	2067	07.08.2026	08.08.2026	271.02	2000
3.	Near Air Compressor	2068	07.08.2026	08.08.2026	296.15	2000
II. Pellet Plant-I						
4.	Near Pellet Plant	2069	07.08.2026	08.08.2026	379.35	2000
5.	Annual Cooler Pellet Discharge bin	2070	07.08.2026	08.08.2026	1834.96	2000
6.	Pellet Stock Yard	2081	08.08.2026	10.08.2026	790.74	2000
III. Sponge Iron Division-1 (kiln 1 & 2)						
7.	Control Room SID-1	2092	10.08.2026	11.08.2026	316.84	2000
8.	Near Product bin	2093	10.08.2026	11.08.2026	911.82	2000
9.	Coal Feeding Area	2094	10.08.2026	11.08.2026	394.77	2000
IV. Induction Furnace & Rolling Mill - 1						
10.	IF Office	2078	08.08.2026	10.08.2026	680.36	2000
11.	TMT Stock Yard	2079	08.08.2026	10.08.2026	223.49	2000
12.	RML Gasifier	2080	08.08.2026	10.08.2026	896.96	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	2095	10.08.2026	11.08.2026	528.90	2000
14.	25 MW ACC	2107	11.08.2026	11.08.2026	341.38	2000
VI. Site Services						
15.	PGP- coal handling system	2077	08.08.2026	10.08.2026	1242.59	2000
16.	IF Slag Crusher	2096	10.08.2026	11.08.2026	490.67	2000
17.	Main Gate	2108	11.08.2026	12.08.2026	330.94	2000
18.	Fly ash Dump	2053	06.08.2026	07.08.2026	653.24	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

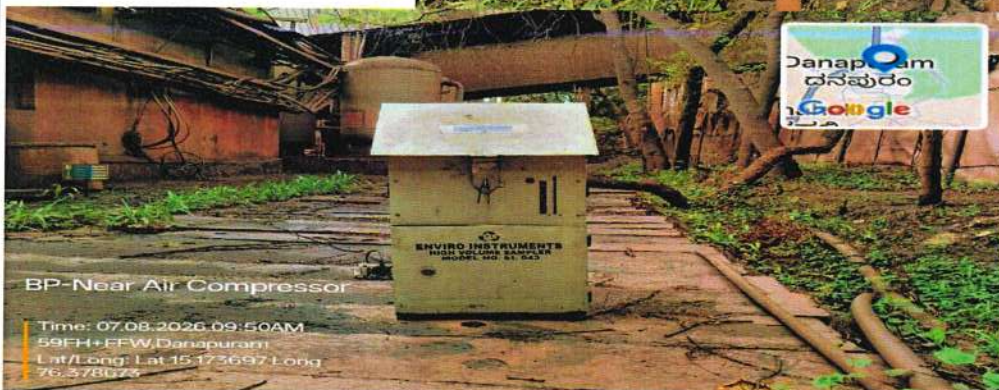
R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager



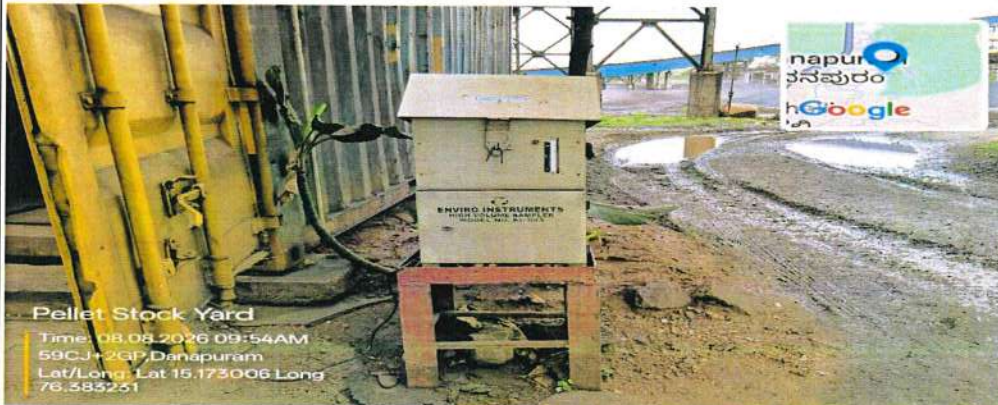
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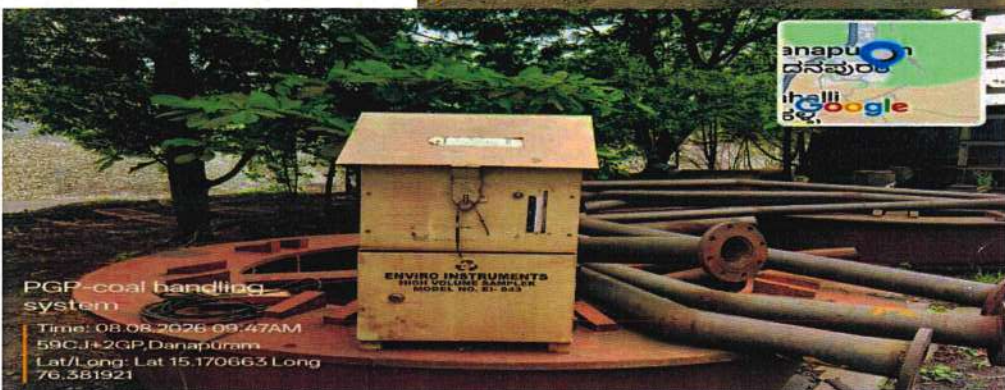
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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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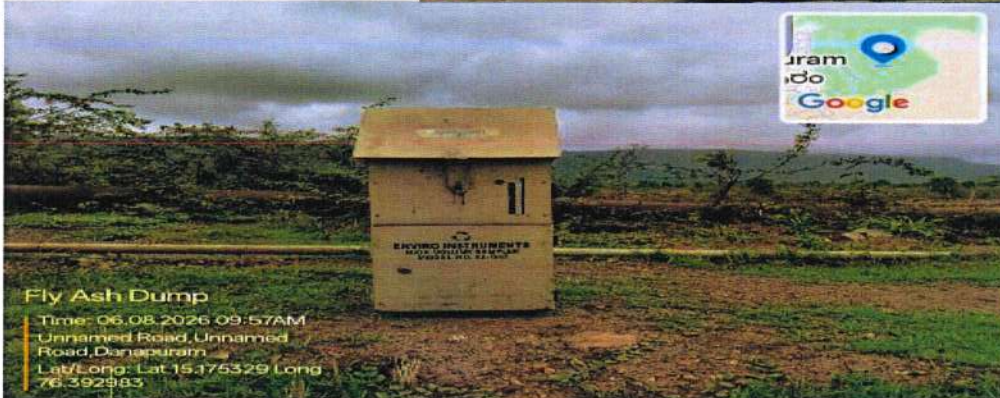


FUGITIVE EMISSION MONITORING

ANNEXURE-7









SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-08

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

FORTNIGHTLY FUGITIVE AIR QUALITY MONITORING DATA

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	: HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	: (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	: 03.09.2026
10	Report Number	: SKAEW/BMMIL/FM/2026-27/571

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	2225	22.08.2026	24.08.2026	474.53	2000
2.	Iron Ore Screen	2226	22.08.2026	24.08.2026	328.84	2000
3.	Near Air Compressor	2227	22.08.2026	24.08.2026	919.32	2000
II. Pellet Plant-I						
4.	Near Pellet Plant	2228	22.08.2026	24.08.2026	1675.13	2000
5.	Annual Cooler Pellet Discharge bin	2229	22.08.2026	24.08.2026	1830.52	2000
6.	Pellet Stock Yard	2243	24.08.2026	25.08.2026	352.96	2000
III. Sponge Iron Division-1(kiln 1 & 2)						
7.	Control Room SID-I	2250	25.08.2026	26.08.2026	511.64	2000
8.	Near Product bin	2251	25.08.2026	26.08.2026	300.77	2000
9.	Coal Feeding Area	2252	25.08.2026	26.08.2026	967.20	2000
IV. Induction Furnace & Rolling Mill						
10.	IF Office	2240	24.08.2026	25.08.2026	180.50	2000
11.	TMT Stock Yard	2241	24.08.2026	25.08.2026	429.83	2000
12.	RML Gasifier	2242	24.08.2026	25.08.2026	513.29	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	2253	25.08.2026	26.08.2026	769.72	2000
14.	25 MW ACC	2260	26.08.2026	27.08.2026	106.78	2000
VI. Site Services						
15.	PGP- Coal handling system	2239	24.08.2026	25.08.2026	145.15	2000
16.	IF Slag Crusher	2254	25.08.2026	26.08.2026	379.94	2000
17.	Main Gate	2261	26.08.2026	27.08.2026	123.98	2000
18.	Fly ash Dump	2213	21.08.2026	22.08.2026	327.10	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



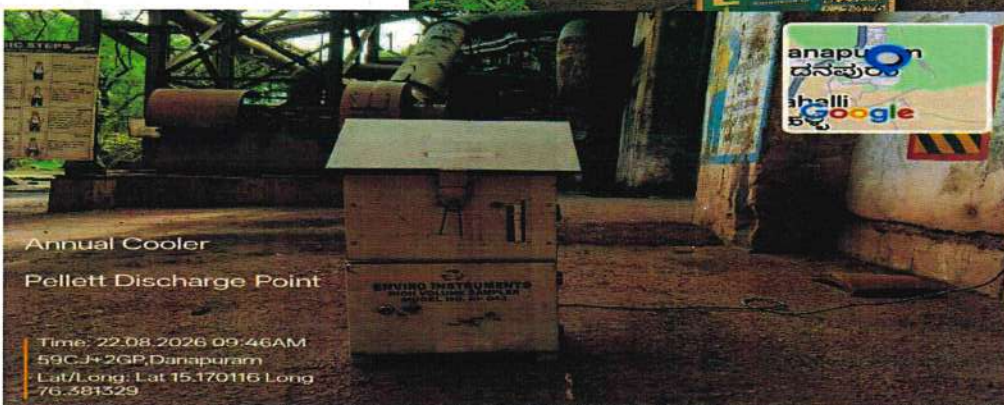
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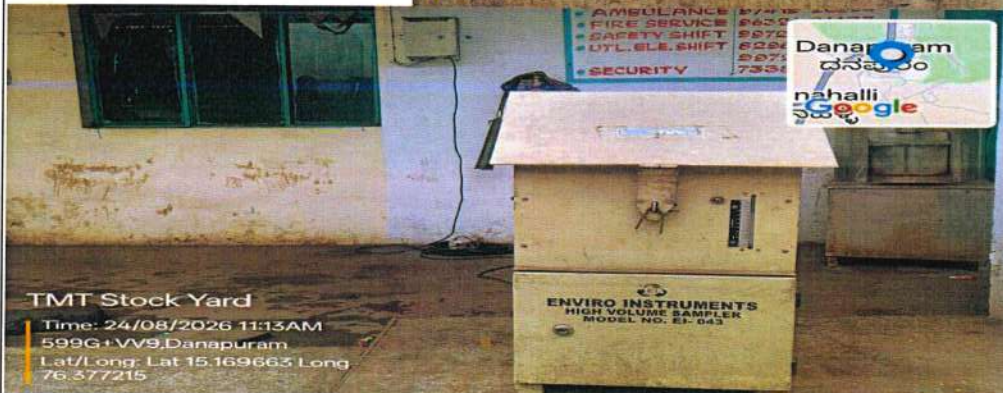
R.H. Bengeri

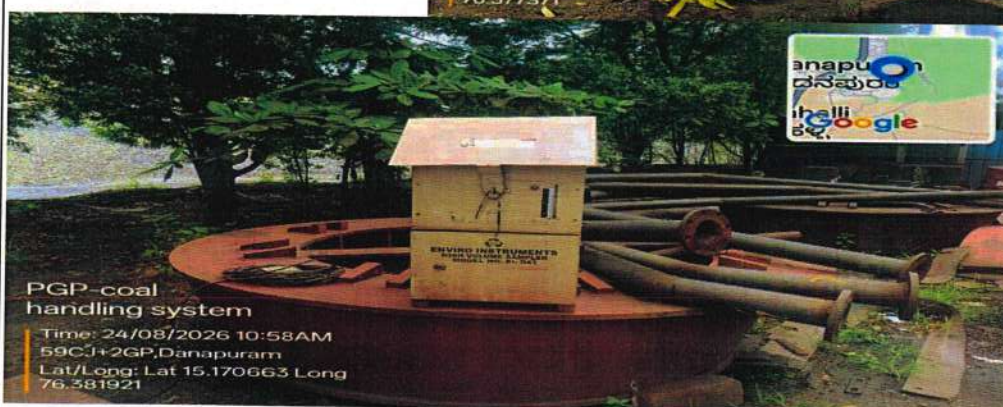
Mrs. Radha M Bengeri
Technical Manager

Note:

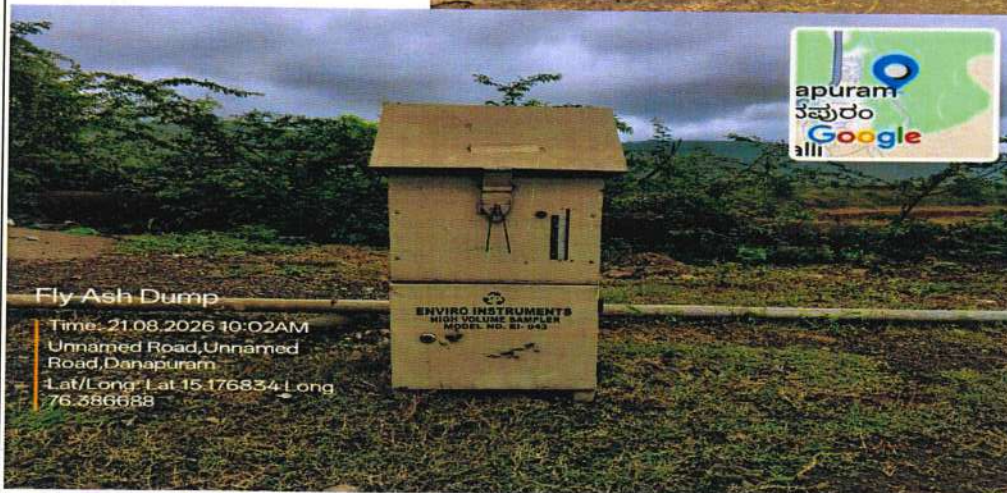
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- (*) Details as Furnished by Customer.
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FUGITIVE EMISSION MONITORING ANNEXURE-8





SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
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ANNEXURE-09

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(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	:	03.09.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/540

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	2109	11.08.2026	12.08.2026	1225.36	2000
2.	Stock House	2110	11.08.2026	12.08.2026	782.31	2000
3.	Gas Network Area	2116	12.08.2026	13.08.2026	469.32	2000
4.	Blower Area	2117	12.08.2026	13.08.2026	247.25	2000
5.	Gas Cleaning plant (GCP)	2118	12.08.2026	13.08.2026	1682.36	2000
6.	Stove Area	2119	12.08.2026	13.08.2026	821.91	2000
7.	Control ROOM (CR)	2124	13.08.2026	14.08.2026	909.76	2000
8.	Pig Costing Machine (PCM)	2125	13.08.2026	14.08.2026	278.02	2000
9.	Slag Granulation Plant (SGP)	2126	13.08.2026	14.08.2026	402.77	2000
10.	Cost House Area	2148	13.08.2026	14.08.2026	232.08	2000
SMS Area						
1.	Stock House/Vibro Feeders	2149	14.08.2026	15.08.2026	1852.33	2000
2.	Laddle Tapping	2150	14.08.2026	15.08.2026	459.69	2000
3.	Slag pouring Area	2151	14.08.2026	15.08.2026	1619.26	2000
MBM						
1.	Near Re-Heating Furnace	2152	14.08.2026	15.08.2026	316.21	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

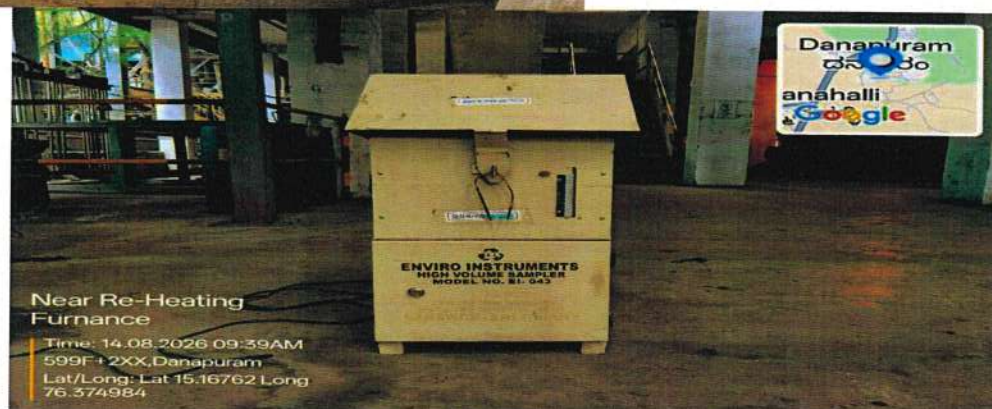
Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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ANNEXURE-10

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(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	:	03.09.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/520

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)	1988	01.08.2026	03.08.2026	221.78	2000
2.	Concentrate Thickner	1984	01.08.2026	03.08.2026	585.89	2000
3.	Near Cone Crusher	1985	01.08.2026	03.08.2026	498.12	2000
II. Pellet Plant						
4.	PR-6	1986	01.08.2026	03.08.2026	960.21	2000
5.	Annual Cooler Pellet Discharge bin	1987	01.08.2026	03.08.2026	1238.82	2000
6.	Additive Grinding Building	2024	04.08.2026	05.08.2026	442.17	2000
III. Sponge Iron Division -2 (Kiln 3 & 4)						
7.	Control room	2001	03.08.2026	04.08.2026	611.06	2000
8.	Near Weigh bridge (dispatch)	2002	03.08.2026	04.08.2026	843.32	2000
9.	Transfer House area	2003	03.08.2026	04.08.2026	858.37	2000
10.	Production Separation Bin-PSB	2004	03.08.2026	04.08.2026	914.16	2000
11.	Pellet Storage bin	2005	03.08.2026	04.08.2026	871.10	2000
IV. Sponge Iron Division -3 (Kiln 5 & 6)						
12.	Near Control room	2021	04.08.2026	05.08.2026	1436.83	2000
13.	Near Product bin	2022	04.08.2026	05.08.2026	698.76	2000
14.	Near Coal Crusher	2023	04.08.2026	05.08.2026	361.48	2000
15.	Coal Dryer	2038	05.08.2026	06.08.2026	1297.49	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****



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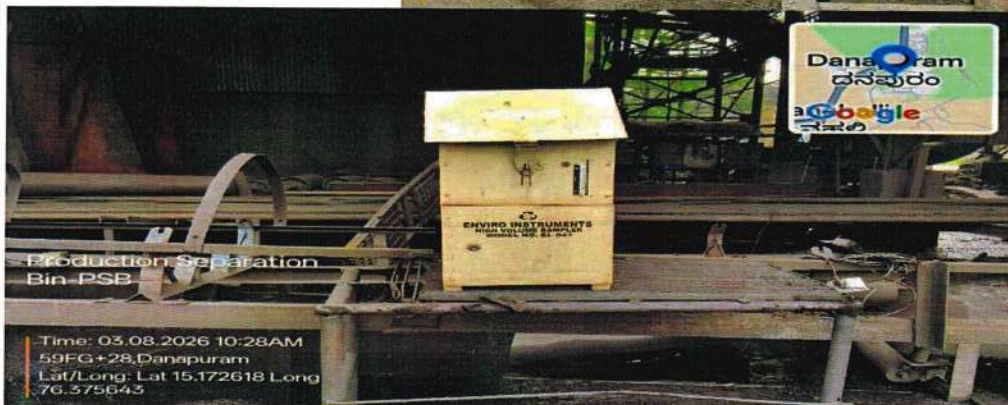
R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	(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	:	03.09.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/527

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	2025	04.08.2026	05.08.2026	155.26	2000
17.	Monsoon Shed (CPU)	2039	05.08.2026	06.08.2026	1124.82	2000
18.	MCC Room (2 nd Gate)	2040	05.08.2026	06.08.2026	1029.62	2000
Power plant -70M						
19.	70MW-DM Plant (Near R.O. Plant)	2041	05.08.2026	06.08.2026	147.35	2000
20.	2 nd gateweigh bridge Near Coal Screen	2054	06.08.2026	07.08.2026	478.93	2000
21.	CFBC boiler	2037	05.08.2026	06.08.2026	844.06	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	2055	06.08.2026	07.08.2026	667.07	2000
23.	Near Coal storage Shed	2056	06.08.2026	07.08.2026	1475.02	2000
24.	Dolochar Processing Area	2057	06.08.2026	07.08.2026	1493.45	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****



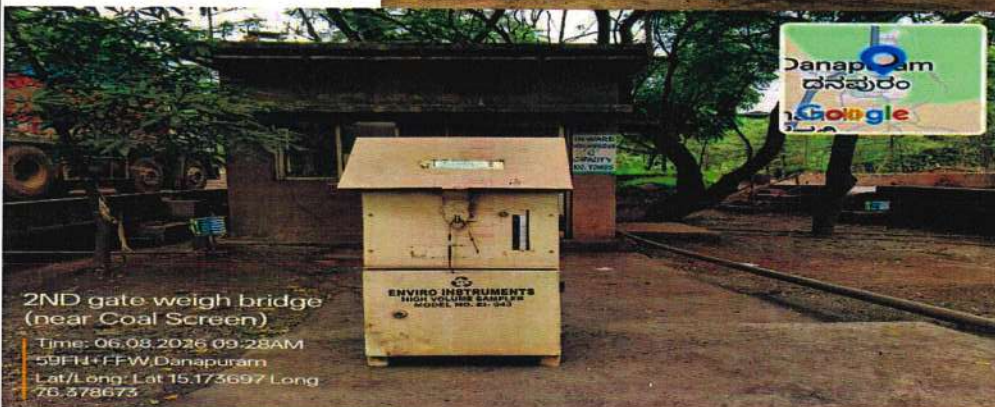
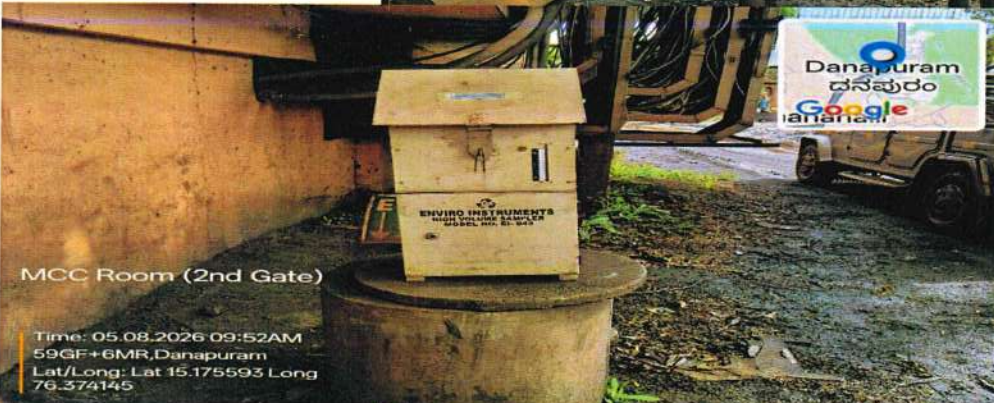
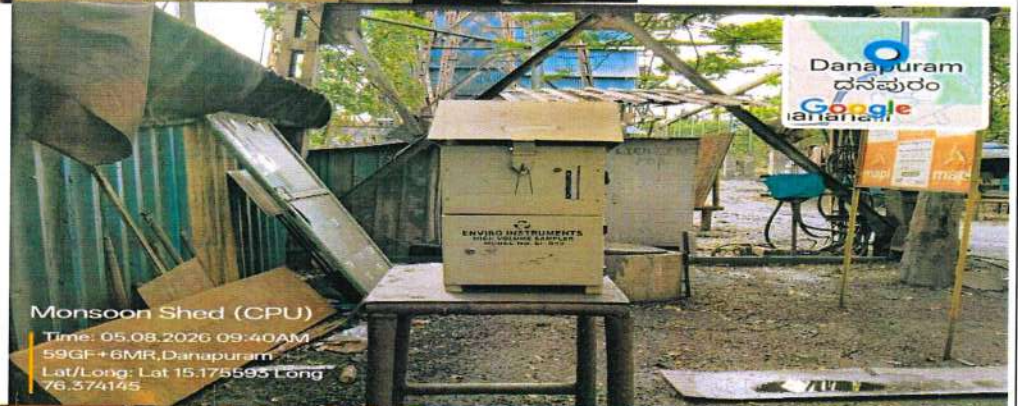
Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
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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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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

ANNEXURE-11

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	AUGUST-2026(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	:	03.09.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/560

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)	2158	17.08.2026	18.08.2026	315.92	2000
2.	Concentrate Thickner	2159	17.08.2026	18.08.2026	515.52	2000
3.	Near Cone Crusher	2160	17.08.2026	18.08.2026	564.05	2000
II. Pellet Plant-I						
4.	PR-6	2161	17.08.2026	18.08.2026	452.95	2000
5.	Annual Cooler Pellet Discharge bin	2162	17.08.2026	18.08.2026	1239.31	2000
6.	Additive Grinding Building	2195	19.08.2026	20.08.2026	950.76	2000
III. Sponge Iron Division -2 (Kiln 3&4)						
7.	Control room	2178	18.08.2026	19.08.2026	722.32	2000
8.	Near Weigh bridge (dispatch)	2179	18.08.2026	19.08.2026	613.40	2000
9.	Transfer House area	2180	18.08.2026	19.08.2026	1586.11	2000
10.	Production Separation Bin-PSB	2181	18.08.2026	19.08.2026	1775.36	2000
11.	Pellet Storage bin	2182	18.08.2026	19.08.2026	1586.73	2000
IV. Sponge Iron Division -2 (Kiln 5&6)						
12.	Near Control room	2192	19.08.2026	20.08.2026	1388.40	2000
13.	Near Coal Crusher	2193	19.08.2026	20.08.2026	465.59	2000
14.	Near Product bin	2194	19.08.2026	20.08.2026	411.60	2000
15.	Coal Drier	2205	20.08.2026	21.08.2026	463.39	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 Manager

Note:

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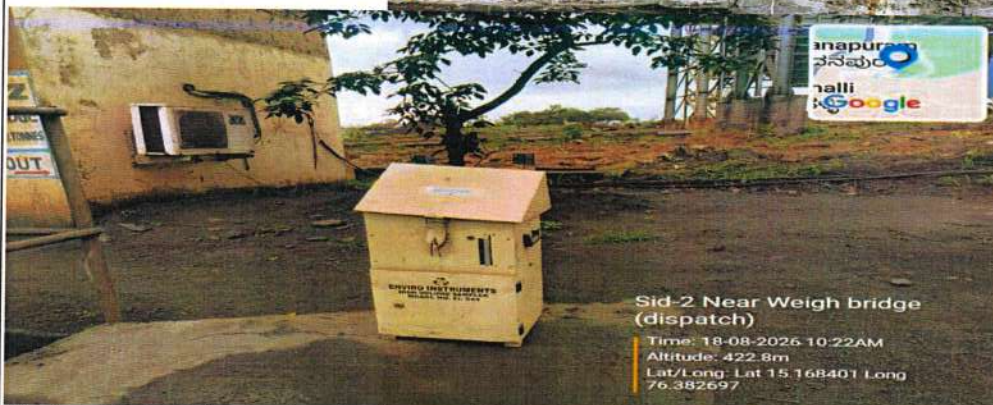
Additive Grinding Building

Time: 18-08-2026 10:38AM
59CJ+2GP, Danapuram
Lat/Long: Lat 15.170663 Long
76.381621



SID-2
Control room

Time: 18-08-2026 09:36AM
59B3+V3, Danapuram
Lat/Long: Lat 15.167273 Long
76.380153



Sid-2 Near Weigh bridge
(dispatch)

Time: 18-08-2026 10:22AM
Altitude: 422.8m
Lat/Long: Lat 15.168401 Long
76.382697



Transfer House area

Time: 18-08-2026 09:45AM
598J+V3, Danapuram
Lat/Long: Lat 15.167273 Long
76.380153



Production Separation
Bin-PSB

Time: 18-08-2026 09:51AM
599M+93, Danapuram
Lat/Long: Lat 15.168401 Long
76.382697





SHRI KRISHNA AQUA ENGINEERING WORKS

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ANNEXURE-11A

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	AUGUST-2026(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	:	03.09.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/452

RESULTS

Sl. No.	Location / Plant	Sample Code	Date Of Monitoring	Date Of Sample Receipt	SPM ($\mu\text{g}/\text{m}^3$)	Standard
V. Wagon Tipper/RMHS						
16.	Near Tipping point	2196	19.08.2026	20.08.2026	434.26	2000
17.	Monsoon Shed (CPU)	2206	20.08.2026	21.08.2026	619.12	2000
18.	MCC Room (2 nd Gate)	2207	20.08.2026	21.08.2026	641.09	2000
VI. Power Plant-70 MW						
19.	70MW-DM Plant (Near R.O. Plant)	2208	20.08.2026	21.08.2026	397.50	2000
20.	2 nd gate weigh bridge Near Coal Screen	2209	21.08.2026	22.08.2026	452.03	2000
21.	CFBC boiler	2197	20.08.2026	21.08.2026	466.96	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	2210	21.08.2026	22.08.2026	613.57	2000
23.	Near Coal storage Shed	2211	21.08.2026	22.08.2026	367.02	2000
24.	CPP Dolochar Process Area	2212	21.08.2026	22.08.2026	280.31	2000

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

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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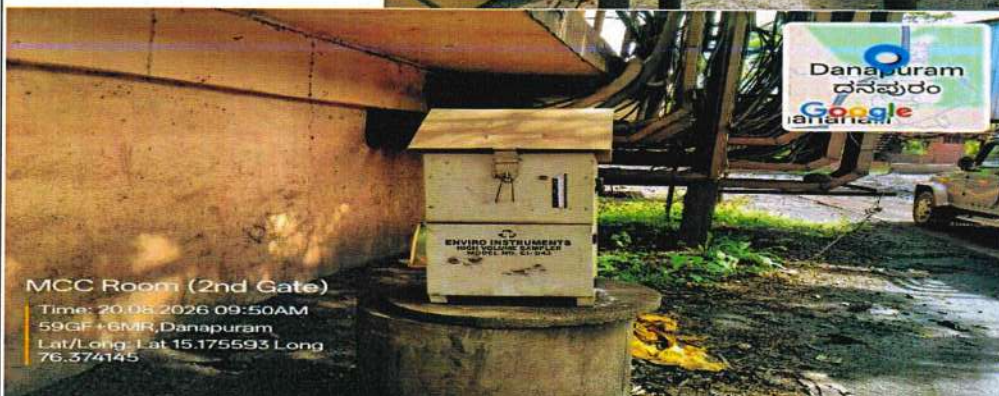
Near Tipping point

Time: 19.08.2026 10:01AM
59FH+FEW, Danapuram
Lat/Long: Lat 15.173697 Long
76.378673



Monsoon Shed (CPU)

Time: 20.08.2026 09:41AM
59GF+6MR, Danapuram
Lat/Long: Lat 15.175593 Long
76.374145



MCC Room (2nd Gate)

Time: 20.08.2026 09:50AM
59GF+6MR, Danapuram
Lat/Long: Lat 15.175593 Long
76.374145



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

Time: 20.08.2026 09:22AM
H4, Danapuram
Lat/Long: Lat 15.170421 Long
76.377371



2nd gate weigh bridge (near Coal Screen)

Time: 21.08.2026 09:26AM
59FH+FEW, Danapuram
Lat/Long: Lat 15.173697 Long
76.378673



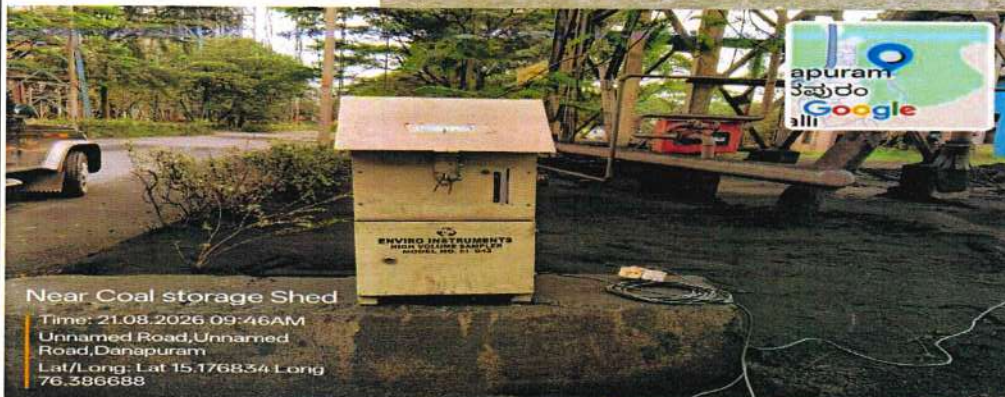
CFBC boiler

Time: 20.08.2026 09:29AM
114, Danapuram
Lat/Long: Lat 15.170421 Long
76.377371



Near Boiler

Time: 21.08.2026 09:51AM
Unnamed Road, Unnamed
Road, Danapuram
Lat/Long: Lat 15.176834 Long
76.386688



Near Coal storage Shed

Time: 21.08.2026 09:46AM
Unnamed Road, Unnamed
Road, Danapuram
Lat/Long: Lat 15.176834 Long
76.386688



CPP Dolocher Process Area

Time: 21.08.2026 09:59AM
Unnamed Road, Unnamed
Road, Danapuram
Lat/Long: Lat 15.176834 Long
76.386688



SHRI KRISHNA AQUA ENGINEERING WORKS

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ANNEXURE-12

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5	Month	:	AUGUST-2026(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	:	03.09.2026
10	Report Number	:	SKAEW/BMMIL/FM/2026-27/575

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	2262	26.08.2026	27.08.2026	213.61	2000
2.	Stock House	2263	26.08.2026	27.08.2026	489.97	2000
3.	Gas Network Area	2264	26.08.2026	27.08.2026	406.32	2000
4.	Blower Area	2266	27.08.2026	28.08.2026	175.72	2000
5.	Gas Cleaning plant (GCP)	2267	27.08.2026	28.08.2026	1134.54	2000
6.	Stove Area	2268	27.08.2026	28.08.2026	539.10	2000
7.	Control ROOM (CR)	2269	27.08.2026	28.08.2026	353.26	2000
8.	Pig Costing Machine (PCM)	2276	28.08.2026	29.08.2026	269.95	2000
9.	Slag Granulation Plant (SGP)	2277	28.08.2026	29.08.2026	423.83	2000
10.	Cost House Area	2265	27.08.2026	28.08.2026	460.97	2000
SMS Area						
1.	Stock House/Vibro Feeders	2278	28.08.2026	29.08.2026	1825.22	2000
2.	Ladle Tapping	2279	28.08.2026	29.08.2026	522.61	2000
3.	Slag pouring Area	2280	28.08.2026	29.08.2026	590.65	2000
MBM						
1.	Near Re-Heating Furnace	2281	28.08.2026	29.08.2026	222.88	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 Manager

Note:

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BF-RMI-IS

Time: 26.08.2026 10:04AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.381158



Stock House

Time: 26.08.2026 09:58AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.381158



Gas-Cleaning Plant
(GCP)

Time: 27.08.2026 09:29AM
598J+3GM,Danapuram
Lat/Long: Lat 15.167705 Long
76.376918



Blower Area

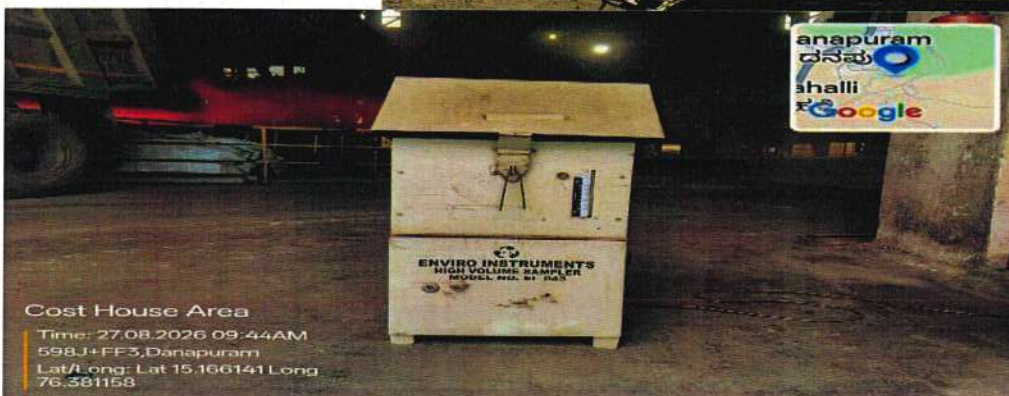
Time: 27.08.2026 09:25AM
59FG+28,Danapuram
Lat/Long: Lat 15.172618 Long
76.375643



Gas Cleaning Plant
(GCP)

Time: 26.08.2026 09:42AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.381158

FUGITIVE EMISSION MONITORING ANNEXURE-12







SHRI KRISHNA AQUA ENGINEERING WORKS

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TC-17231

ANNEXURE-13

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO., 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Pellet Plant -1 Furnace Waste gas exhaust ESP
10	Month of Sampling	:	AUGUST-2026
11	Date of Sample Received	:	04.08.2026 & 19.08.2026
12	Date of Sample Analysis	:	05.08.2026 & 20.08.2026
13	Date of Sample Analysis completion	:	05.08.2026 & 20.08.2026
14	Report Issued Date	:	03.09.2026
15	Report Number	:	ULR-TC1723126000000696F

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	
				03.08.2026	18.08.2026	
	Date of Sample Collected			1997	2169	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	56	56	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.32	6.05	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	28.14	29.83	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	0.141	0.148	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.026	0.018	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-13A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant -1 Furnace Waste gas exhaust ESP
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 04.08.2026 & 19.08.2026
12	Date of Sample Analysis	: 05.08.2026 & 20.08.2026
13	Date of Sample Analysis completion	: 05.08.2026 & 20.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: SKAEW/BMMIL/STACK /2026-27/521

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	
				03.08.2026	18.08.2026	
	Date of Sample Collected			1997	2169	
	Sample Code					
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	0.028	0.084	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	312178	299328	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	345745	330945	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

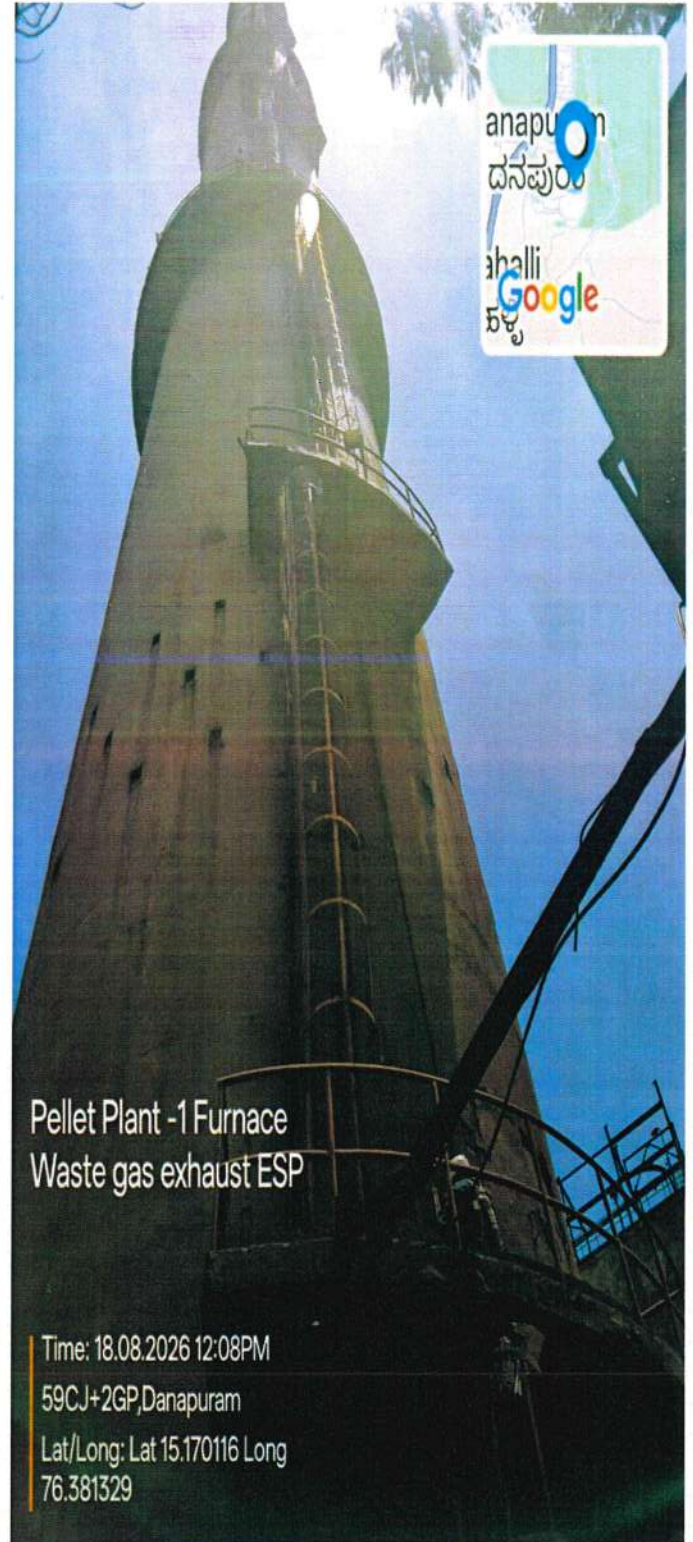
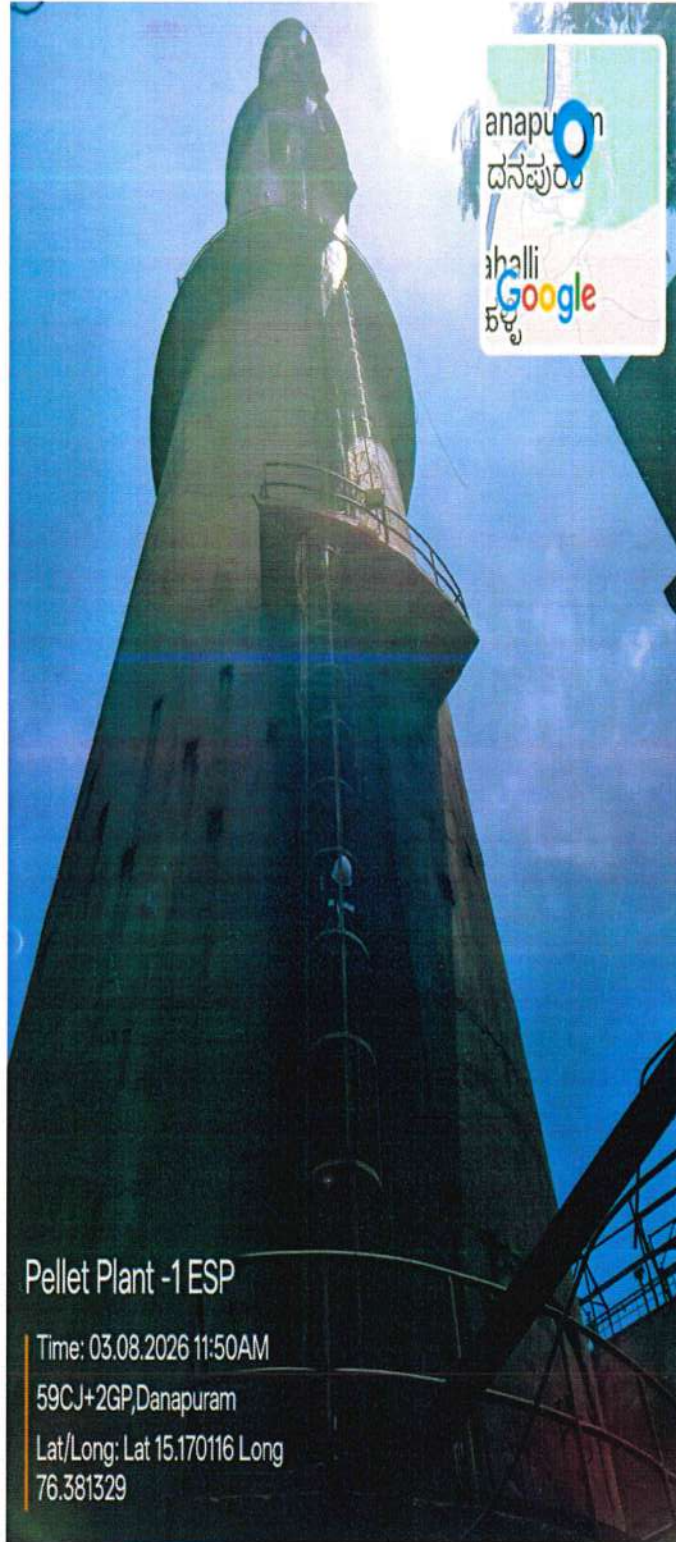
Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS

Pellet Plant-1 ESP





SHRI KRISHNA AQUA ENGINEERING WORKS

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



TC-17231

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Rotary Kiln (1&2) 2*100 TPD ESP
10	Month of Sampling	:	AUGUST-2026
11	Date of Sample Received	:	05.08.2026 & 25.08.2026
12	Date of Sample Analysis	:	06.08.2026 & 26.08.2026
13	Date of Sample Analysis completion	:	06.08.2026 & 26.08.2026
14	Report Issued Date	:	03.09.2026
15	Report Number	:	ULR-TC1723126000000701F

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	
				04.08.2026	24.08.2026	
	Date of Sample Collected					
	Sample Code			2017	2233	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	159	168	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.51	6.53	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	18.61	17.05	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	0.342	0.362	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.228	0.216	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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Rotary Kiln (1&2) 2*100 TPD ESP
10	Month of Sampling	:	AUGUST-2026
11	Date of Sample Received	:	05.08.2026 & 25.08.2026
12	Date of Sample Analysis	:	06.08.2026 & 26.08.2026
13	Date of Sample Analysis completion	:	06.08.2026 & 26.08.2026
14	Report Issued Date	:	03.09.2026
15	Report Number	:	SKAEW/BMMIL/STACK /2026-27/535

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	
				04.08.2026	24.08.2026	
	Date of Sample Collected					
	Sample Code			2017	2233	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	0.029	0.074	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	66	70	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	50679	49754	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	73594	73912	-

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

End of the Report



Reviewed & Authorized Signatory

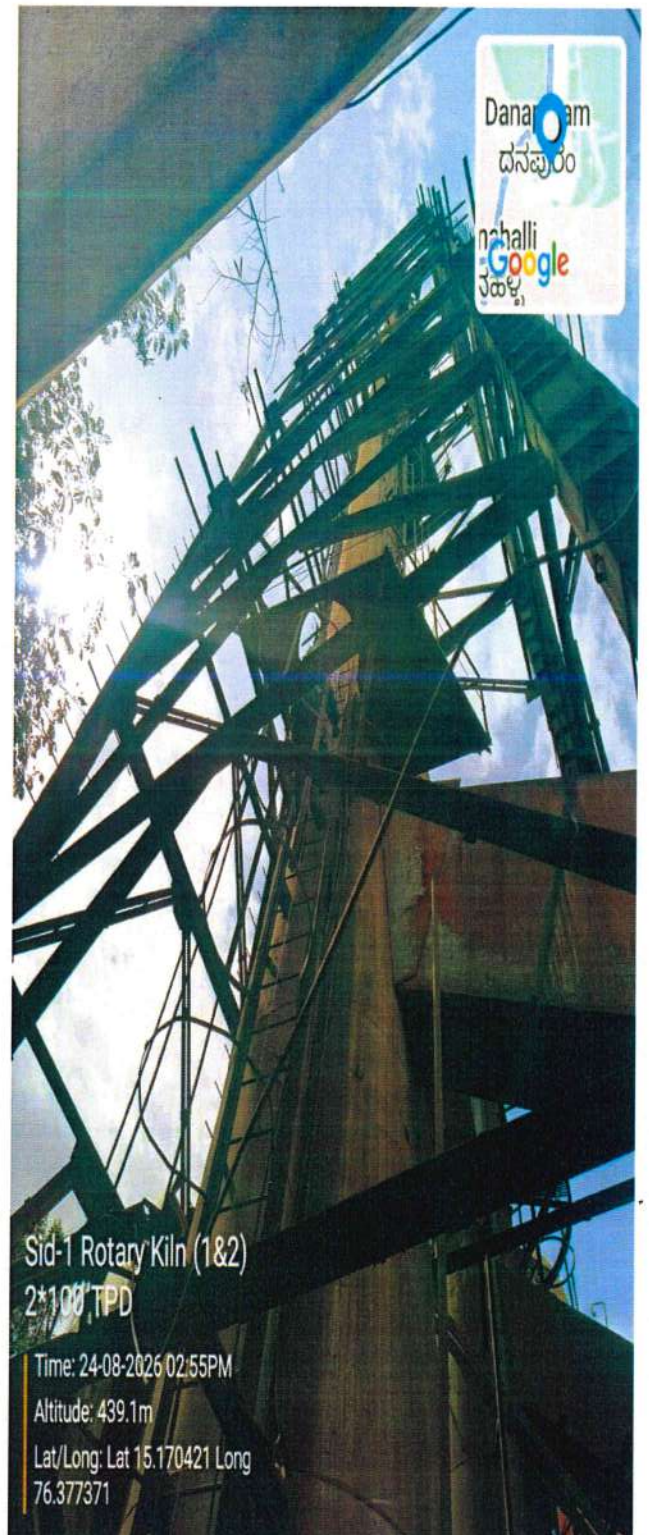
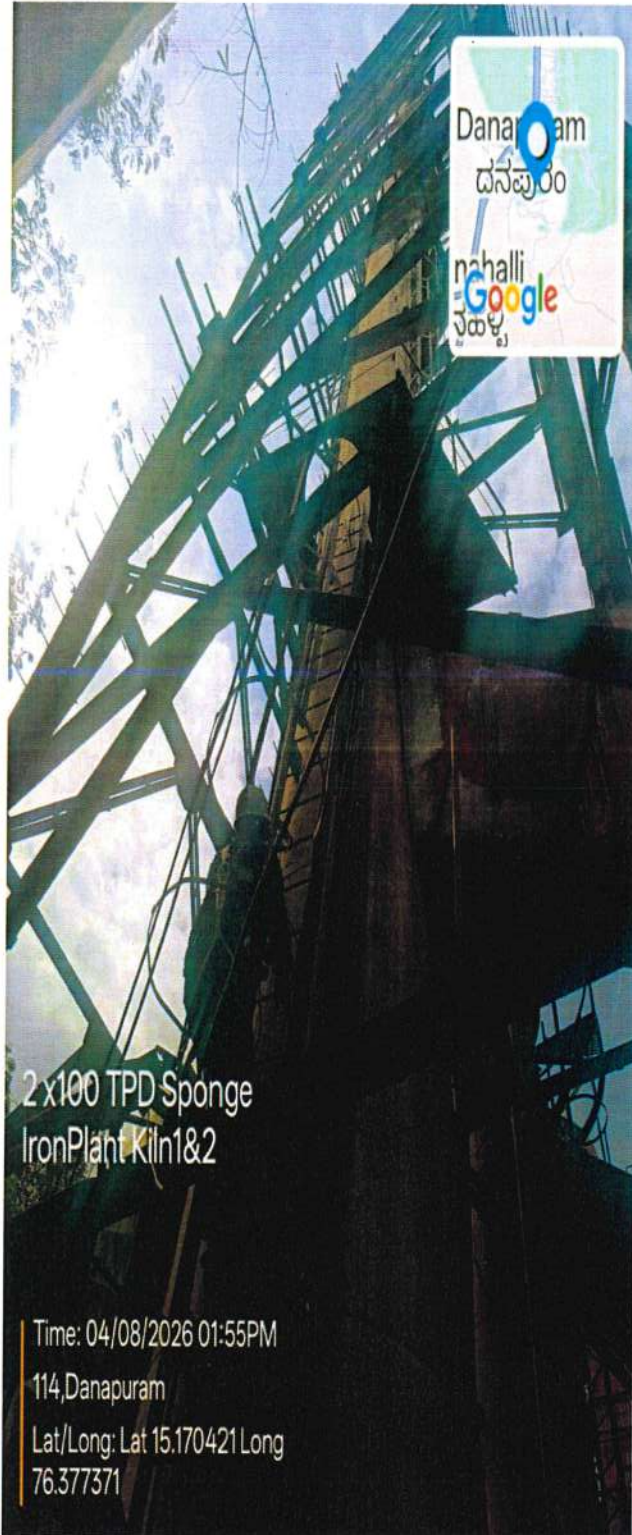
R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS
2x100 TPD Sponge iron plant Kiln 1 & 2





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TC-17231

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works,
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 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 : AUGUST-2026 (1st Fort Night)-
- 10 Date of Sample Received : -
- 11 Date of Sample Analysis : -
- 12 Date of Sample Analysis completion : -
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : -

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm 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 Furnance 1 & 2	Gas flow Discharge rate at Stack Condition m 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.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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ANNEXURE-15A
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	AUGUST-2026 (1st Fort Night)
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	03.09.2026
14	Report Number	:	-

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

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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3. (*) 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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Rolling Mill Reheating furnace
10	Month of Sampling	:	AUGUST-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	03.09.2026
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	
				-	-	
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	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³			50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³			NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%			1

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

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



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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works,
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	Rolling Mill Reheating furnace
10	Month of Sampling	:	AUGUST-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	03.09.2026
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	Shutdown	Shutdown	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³			NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr			-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr			-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	AFBC Boiler ESP (25 MW Power Plant)
10	Month of Sampling	:	AUGUST-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	03.09.2026
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	
	Date of Sample Collected Sample Code			-	-	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	Shut down	Shut down	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec			-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³			50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³			NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%			1

Note: NS- Not Specified. RA: Reaffirmed,

End of the Report



Reviewed & Authorized Signatory

R. M. 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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	AFBC Boiler ESP (25 MW Power Plant)
10	Month of Sampling	:	AUGUST-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	03.09.2026
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 Manager

Note:

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2. Samples are Retained for 15 days after issue of test reports.
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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	AUGUST-2026 (1st Fort Night)
10	Date of Sample Received	:	07.08.2026
11	Date of Sample Analysis	:	08.08.2026
12	Date of Sample Analysis completion	:	08.08.2026
13	Report Issued Date	:	03.09.2026
14	Report Number	:	ULR-TC1723126000000712F

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 feeding hopper	06.08.2026	2047	-	31	4.95	30	0.4	15.31	50
2	Iron Ore Screen (250 TPH)	06.08.2026	2048	-	33	5.01	30	0.4	12.56	50

SL No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore dump hopper	2241	-
2	Iron Ore Screen bin	2268	-

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.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	AUGUST-2026 (1st Fort Night)
10	Date of Sample Received	:	07.08.2026
11	Date of Sample Analysis	:	08.08.2026
12	Date of Sample Analysis completion	:	08.08.2026
13	Report Issued Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/STACK /2026-27/532

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 feeding hopper	06.08.2026	2047	28	2193	-
2	Iron Ore Screen (250 TPH)	06.08.2026	2048	29	2204	-

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

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
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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.. 4500005206 Dated 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : AUGUST-2026 (1st Fort Night)
- 10 Date of Sample Received : 05.08.2026
- 11 Date of Sample Analysis : 06.08.2026
- 12 Date of Sample Analysis completion : 06.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : ULR-TC1723126000000702F

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)	04.08.2026	2018	-	38	5.05	35	1.5	34.13	50
4	Main Crusher	04.08.2026	2019	-	33	4.60	25	0.5	11.09	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	32100	-
4	Main Crusher	3253	-

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-19A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler 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	:	AUGUST-2026 (1st Fort Night)
10	Date of Sample Received	:	05.08.2026
11	Date of Sample Analysis	:	06.08.2026
12	Date of Sample Analysis completion	:	06.08.2026
13	Report Issued Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/STACK /2026-27/542

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)	04.08.2026	2018	29	30624	-
4	Main Crusher	04.08.2026	2019	30	3152	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: AUGUST-2026 (1st Fort Night)
10	Date of Sample Received	: 04.08.2026, 05.08.2026 & 08.08.2026
11	Date of Sample Analysis	: 05.08.2026, 06.08.2026 & 10.08.2026
12	Date of Sample Analysis completion	: 05.08.2026, 06.08.2026 & 10.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000695F

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	03.08.2026	1994	-	32	4.68	6.5	0.50	18.12	50
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	03.08.2026	1995	-	34	4.97	3.0	0.30	16.82	50
7	Bentonite Powder bin top bag filter	03.08.2026	1996	-	33	4.84	3.0	0.30	14.80	50
8	H-4 Conveyor discharge bag filter	04.08.2026	2020	-	32	5.03	7.0	0.50	13.09	50
9	P-1 Bag Filter	07.08.2026	2061	-	37	5.11	7.0	0.50	25.90	50

Sl. No	Pellet Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
5	AGB Main Bag Filter	3309	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	1266	-
7	Bentonite Powder bin top bag filter	1231	-
8	H-4 Conveyor discharge bag filter	1281	-
9	P-1 Bag Filter	3584	-

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 Manager

Note:

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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.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : AUGUST-2026 (1st Fort Night)
- 10 Date of Sample Received : 04.08.2026, 05.08.2026 & 08.08.2026
- 11 Date of Sample Analysis : 05.08.2026, 06.08.2026 & 10.08.2026
- 12 Date of Sample Analysis completion : 05.08.2026, 06.08.2026 & 10.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : SKAEW/BMMIL/STACK /2026-27/522

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	03.08.2026	1994	29	3221	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	03.08.2026	1995	30	1222	-
7	Bentonite Powder bin top bag filter	03.08.2026	1996	29	1192	-
8	H-4 Conveyor discharge bag filter	04.08.2026	2020	28	1248	-
9	P-1 Bag Filter	07.08.2026	2061	29	3348	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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.. 4500005206 Dated 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : AUGUST-2026 (1st Fort Night)
- 10 Date of Sample Received : 06.08.2026
- 11 Date of Sample Analysis : 07.08.2026
- 12 Date of Sample Analysis completion : 07.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : ULR-TC1723126000000708F

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	Shutdown	-	---	-	-	30	1.20	-	50
11	Cooler-2 Discharge	05.08.2026	2031	---	34	4.79	30	1.20	21.30	50
12	Intermediate Bin & Blending	05.08.2026	2032	---	35	4.92	30	1.20	23.28	50
13	Product House	05.08.2026	2033	---	33	4.74	30	1.20	26.33	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	-	-
11	Cooler-2 Discharge	19521	-
12	Intermediate Bin & Blending	20039	-
13	Product House	19282	-

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
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 : AUGUST-2026 (1st Fort Night)
- 10 Date of Sample Received : 02.07.2026 & 03.07.2026
- 11 Date of Sample Analysis : 03.07.2026 & 04.07.2026
- 12 Date of Sample Analysis completion : 03.07.2026 & 04.07.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : SKAEW/BMMIL/STACK /2026-27/538

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	Shutdown	-	-	-	-
11	Cooler-2 Discharge	05.08.2026	2031	29	18919	-
12	Intermediate Bin & Blending	05.08.2026	2032	30	19309	-
13	Product House	05.08.2026	2033	29	18689	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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.. 4500005206 Dated 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : AUGUST-2026 (2ndFort Night)
- 10 Date of Sample Received : -
- 11 Date of Sample Analysis : -
- 12 Date of Sample Analysis completion : -
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : -

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Induction Furnance 1 & 2										
1	Induction Furnance 1	Shutdown	-	Electric	-	-	30	1.2	-	50
2	Induction Furnance 2	Shutdown	-	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.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-22A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	AUGUST-2026 (2 nd Fort Night)
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	03.09.2026
14	Report Number	:	-

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

Note:

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

ANNEXURE-23

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
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 : AUGUST-2026 (2nd Fort Night)
- 10 Date of Sample Received : 28.08.2026
- 11 Date of Sample Analysis : 29.08.2026
- 12 Date of Sample Analysis completion : 29.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : ULR-TC1723126000000765F

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 feeding hopper	27.08.2026	2272	---	33	4.74	30	0.4	13.15	50
2	Iron Ore Screen (250 TPH)	27.08.2026	2273	---	34	4.74	30	0.4	14.62	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron ore feeding hopper	2146	-
2	Iron Ore Screen (250 TPH)	2145	-

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:

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-23A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: AUGUST-2026 (2nd Fort Night)
10	Date of Sample Received	: 28.08.2026
11	Date of Sample Analysis	: 29.08.2026
12	Date of Sample Analysis completion	: 29.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/569

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 feeding hopper	27.08.2026	2272	29	2086	-
2	Iron Ore Screen (250 TPH)	27.08.2026	2273	30	2074	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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-24

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
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 : AUGUST-2026 (2nd Fort Night)
- 10 Date of Sample Received : 22.08.2026 & 29.08.2026
- 11 Date of Sample Analysis : 23.08.2026 & 31.08.2026
- 12 Date of Sample Analysis completion : 23.08.2026 & 31.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : ULR-TC1723126000000759F

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)	21.08.2026	2214	-	38	5.02	30	1.50	34.84	50
4	Main Crusher	28.08.2026	2275	-	32	4.71	25	0.50	9.96	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	31914	-
4	Main Crusher	3327	-

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-24A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler 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	: AUGUST-2026 (2nd Fort Night)
10	Date of Sample Received	: 22.08.2026 & 29.08.2026
11	Date of Sample Analysis	: 23.08.2026 & 31.08.2026
12	Date of Sample Analysis completion	: 23.08.2026 & 31.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: SKAEW/BMMIL/STACK /2026-27/568

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)	21.08.2026	2214	31	30455	
4	Main Crusher	28.08.2026	2275	28	3244	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
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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.. 4500005206 Dated 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : AUGUST-2026 (2nd Fort Night)
- 10 Date of Sample Received : 19.08.2026 & 19.08.2026
- 11 Date of Sample Analysis : 20.08.2026 & 20.08.2026
- 12 Date of Sample Analysis completion : 20.08.2026 & 20.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : ULR-TC1723126000000756F

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	RMHS for Additive Grinding Unit	19.08.2026	2189	---	33	5.08	6.5	0.50	19.75	50
6	Mixer area	18.08.2026	2170	---	34	5.06	3.0	0.30	16.61	50
7	Product transfer house	18.08.2026	2171	---	33	4.81	10.0	0.40	15.08	50
8	Pellet discharge point from annular cooler	18.08.2026	2172	---	36	5.06	6.5	0.50	28.23	50

Sl. No	Pellet Plant-1	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
5	RMHS for Additive Grinding Unit	3590	-
6	Mixer area	1288	-
7	Product transfer house	2176	-
8	Pellet discharge point from annular cooler	3575	-

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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	AUGUST-2026 (2nd Fort Night)
10	Date of Sample Received	:	19.08.2026 & 19.08.2026
11	Date of Sample Analysis	:	20.08.2026 & 20.08.2026
12	Date of Sample Analysis completion	:	20.08.2026 & 20.08.2026
13	Report Issued Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/STACK /2026-27/564

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	RMHS for Additive Grinding Unit	19.08.2026	2189	29	3493	-
6	Mixer area	18.08.2026	2170	30	1248	-
7	Product transfer house	18.08.2026	2171	28	2107	-
8	Pellet discharge point from annular cooler	18.08.2026	2172	29	3432	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: AUGUST-2026 (2nd Fort Night)
10	Date of Sample Received	: 24.08.2026 & 25.08.2026
11	Date of Sample Analysis	: 25.08.2026 & 26.08.2026
12	Date of Sample Analysis completion	: 25.08.2026 & 26.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000761F

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 Discharge-1	Shutdown	-	---	-	-	30	1.20	-	50
11	Cooler Discharge-2	22.08.2026	2220	---	34	5.10	30	1.2	23.34	50
12	Junction House-1	22.08.2026	2221	---	35	5.17	30	1.2	20.50	50
13	Junction House-2	22.08.2026	2222	---	36	4.99	30	1.2	24.82	50
14	Coal Crusher	24.08.2026	2234		33	4.62	30	1.2	28.01	

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 Discharge-1	-	-
11	Cooler Discharge-2	21039	-
12	Junction House-1	20310	-
13	Junction House-2	18801	-
14	Coal Crusher	20780	

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-26A

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : AUGUST-2026 (2nd Fort Night)
- 10 Date of Sample Received : 24.08.2026 & 25.08.2026
- 11 Date of Sample Analysis : 25.08.2026 & 26.08.2026
- 12 Date of Sample Analysis completion : 25.08.2026 & 26.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : SKAEW/BMMIL/STACK /2026-27/574

Sl. No	2 X 100 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm ³ /hr	KSPCB Std
10	Cooler Discharge-1	Shutdown	-	-	-	-
11	Cooler Discharge-2	22.08.2026	2220	29	20129	-
12	Junction House-1	22.08.2026	2221	30	20300	-
13	Junction House-2	22.08.2026	2222	32	19492	-
14	Coal Crusher	24.08.2026	2234	29	18223	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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3. (*) Details as Furnished by Customer.
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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-2 Combustions Furnace ESP
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 02.08.2026
12	Date of Sample Analysis	: 03.08.2026
13	Date Sample Analysis Completion	: 03.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: ULR-TC1723126000000688F

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	
				01.08.2026	
				1982	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	59	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.42	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	30.09	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	0.162	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.019	1%

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

End of the Report



Reviewed & Authorized Signatory

Mrs. Radha M Bengeri
Technical Manager

Note:

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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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ANNEXURE-27A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-2 Combustions Furnace ESP
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 02.08.2026
12	Date of Sample Analysis	: 03.08.2026
13	Date Sample Analysis Completion	: 03.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: SKAEW/BMMIL/STACK /2026-27/516

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	
				01.08.2026	
				1982	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	0.069	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	313710	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	351724	-

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-2 Combustions Furnace ESP
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 18.08.2026
12	Date of Sample Analysis	: 19.08.2026
13	Date Sample Analysis Completion	: 19.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: ULR-TC1723126000000752F

Stack Details (*)

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
				2 nd Fort Night	
				17.08.2026	
				2154	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	62.0	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.51	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	28.48	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	0.174	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.021	1%

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

End of the Report



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Pellet Plant-2 Combustions Furnace ESP
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 18.08.2026
12	Date of Sample Analysis	: 19.08.2026
13	Date Sample Analysis Completion	: 19.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: SKAEW/BMMIL/STACK /2026-27/559

Stack Details (*)

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
				2 nd Fort Night	
				17.08.2026	
				2154	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	0.072	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	316638	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	356140	-

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

End of the Report



Reviewed & Authorized Signatory

R-M. Bengeri

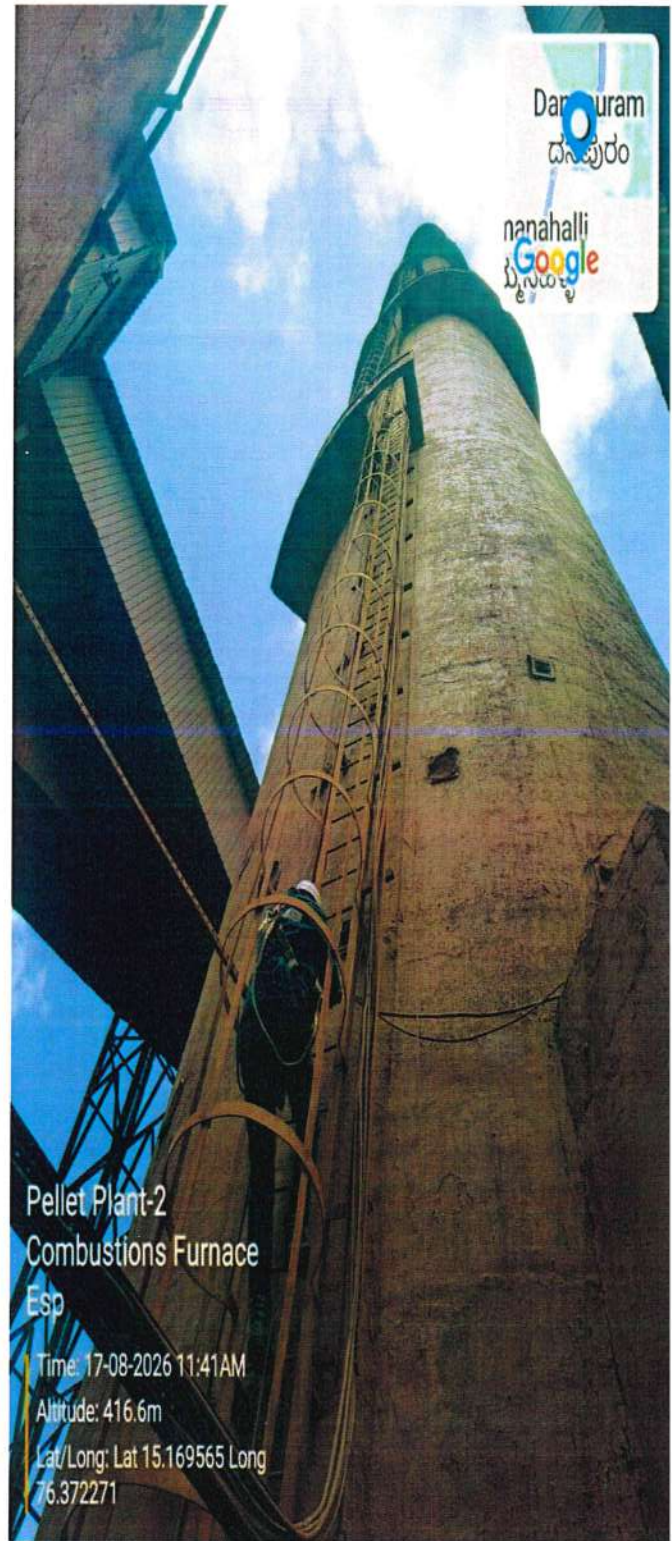
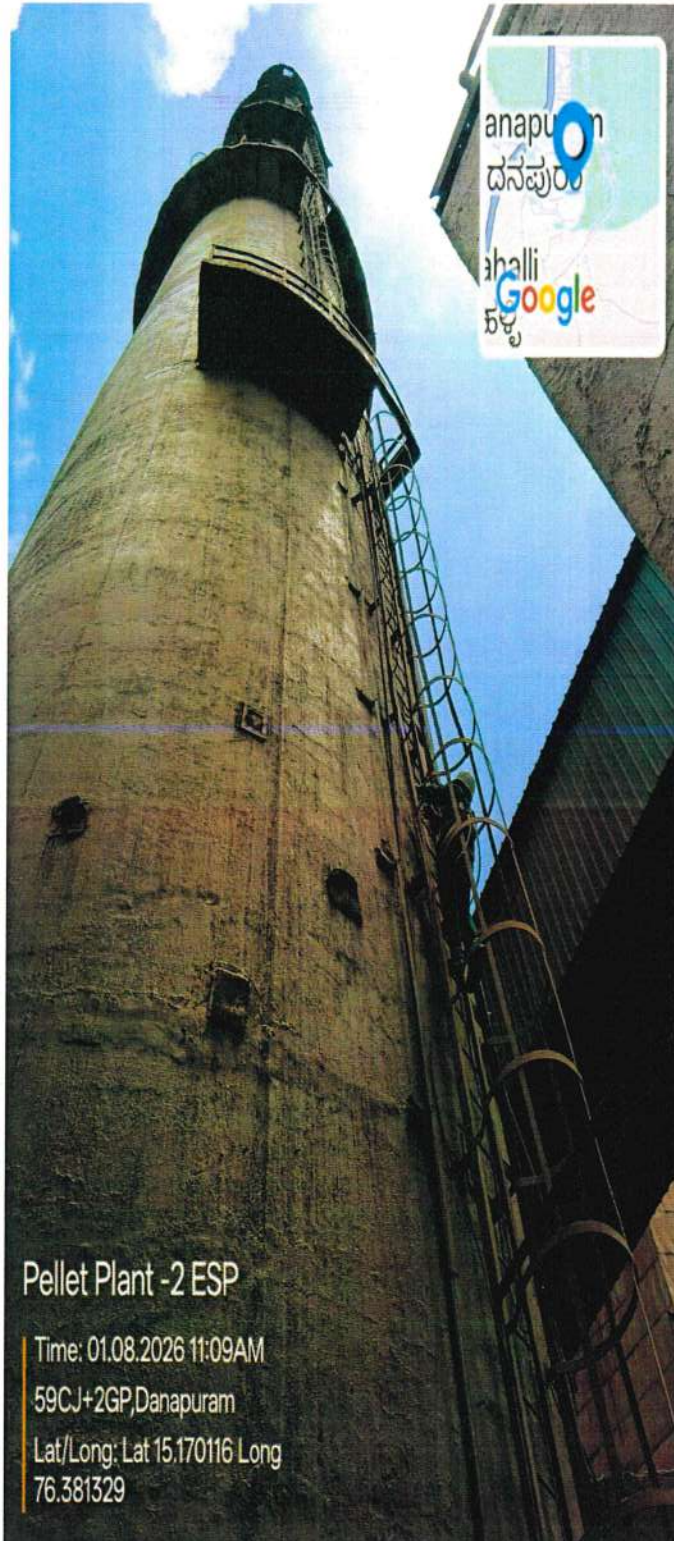
Mrs. Radha M Bengeri
Technical Manager

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	SID2- Rotary Kiln (3&4) 2*500 TPD ESP
10	Month of Sampling	:	AUGUST-2026
11	Date of Sample Received	:	11.08.2026 & 20.08.2026
12	Date of Sample Analysis	:	12.08.2026 & 21.08.2026
13	Date Sample Analysis Completion	:	12.08.2026 & 21.08.2026
14	Report Issued Date	:	03.09.2026
15	Report Number	:	ULR-TC1723126000000724F

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	
				10.08.2026	19.08.2026	
	Date of Sample Collected			2088	2188	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	129	131	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.28	8.23	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	31.92	33.74	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	0.521	0.495	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.096	0.114	1%

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

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Sampling Location	:	SID2- Rotary Kiln (3&4) 2*500 TPD ESP
10	Month of Sampling	:	AUGUST-2026
11	Date of Sample Received	:	11.08.2026 & 20.08.2026
12	Date of Sample Analysis	:	12.08.2026 & 21.08.2026
13	Date Sample Analysis Completion	:	12.08.2026 & 21.08.2026
14	Report Issued Date	:	03.09.2026
15	Report Number	:	SKAEW/BMMIL/STACK /2026-27/526

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	
				10.08.2026	19.08.2026	
	Date of Sample Collected			2088	2188	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	30	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	0.061	0.078	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	137109	154565	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	185398	209572	-

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

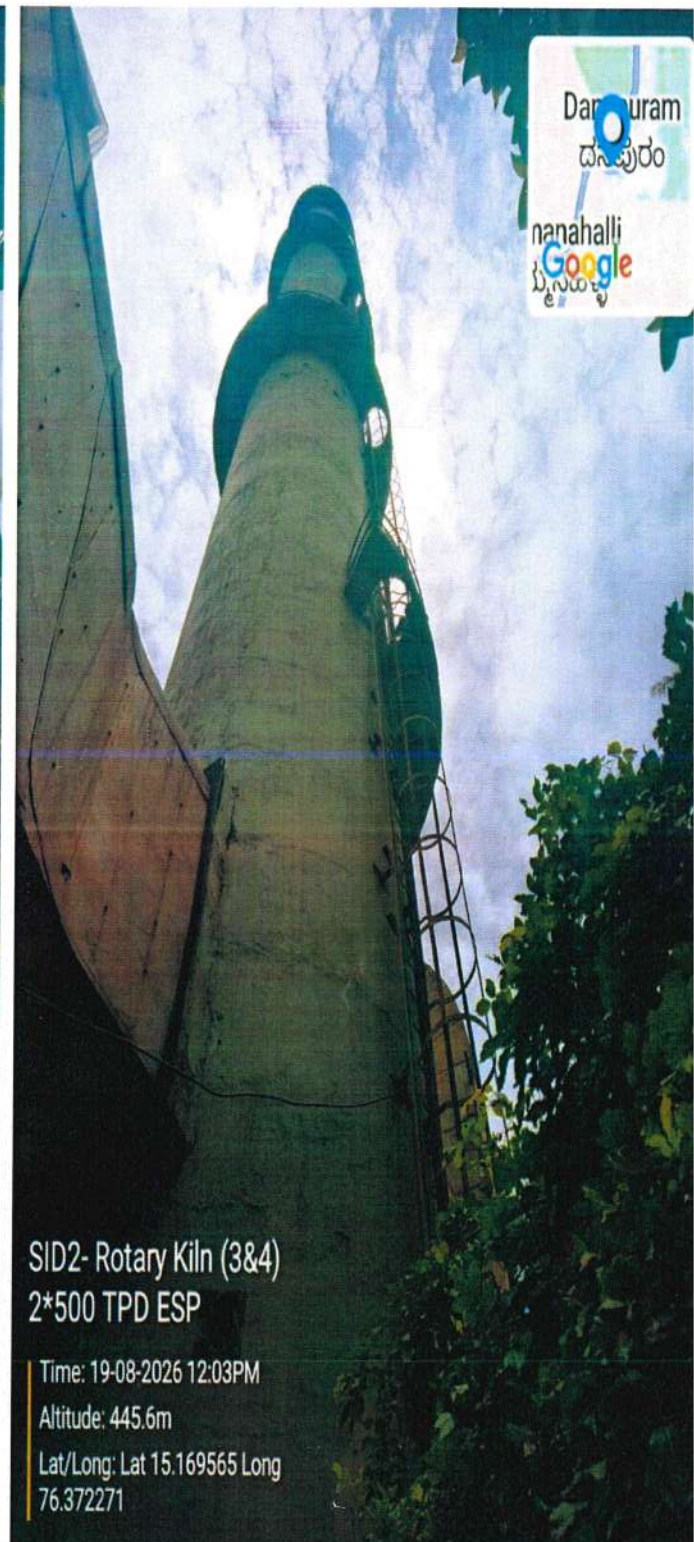
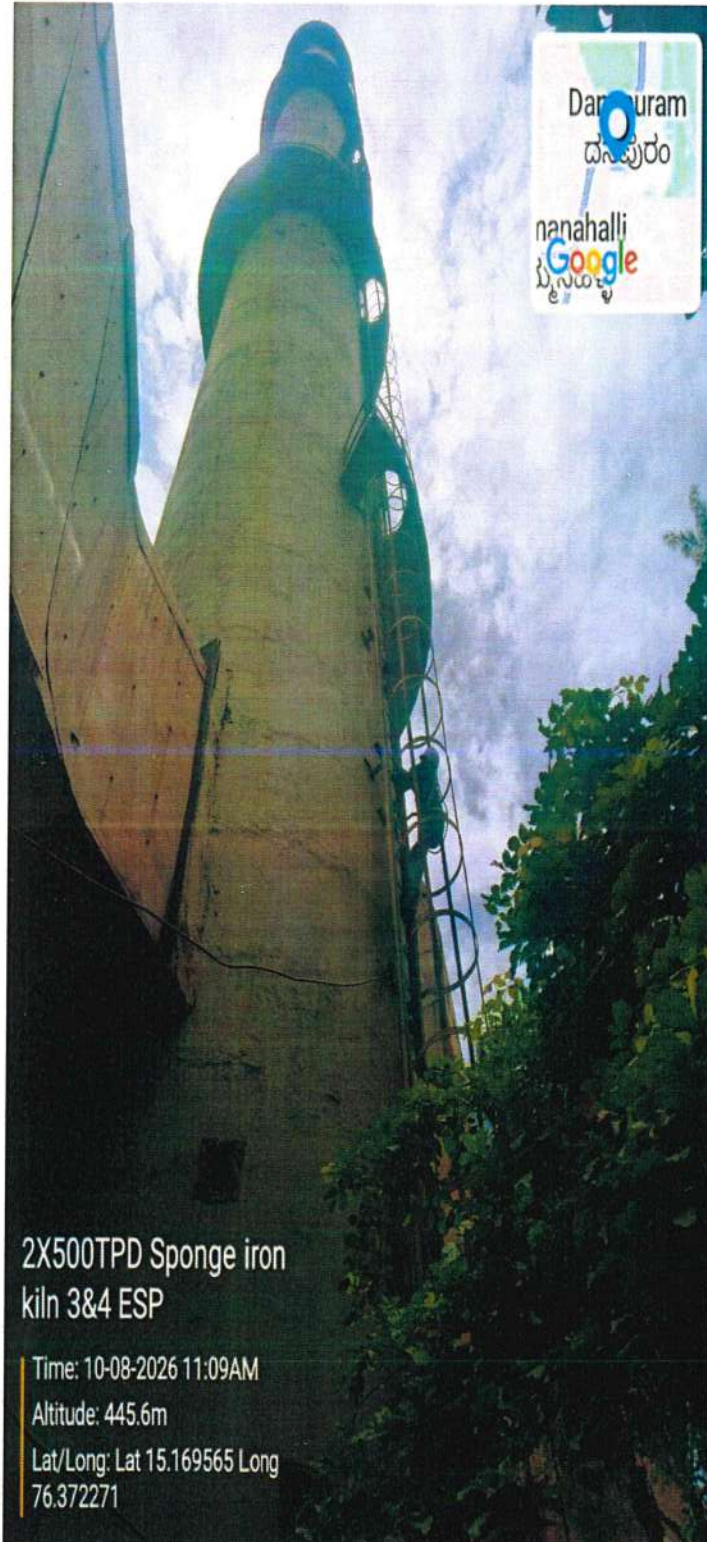
Mrs. Radha M Bengeri
Technical Manager

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STACK EMISSION LOCATIONS

SID Axis 3&4





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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: 2X500TPD Sponge iron kiln5&6 ESP
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: -
12	Date of Sample Analysis	: -
13	Date Sample Analysis Completion	: -
14	Report Issued Date	: 03.09.2026
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
	Date of Sample Collected			1 st Fort Night	2 nd Fort Night	
	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	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³			50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³			NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%			1%

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

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: 2X500TPD Sponge iron kiln5&6 ESP
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: -
12	Date of Sample Analysis	: -
13	Date Sample Analysis Completion	: -
14	Report Issued Date	: 03.09.2026
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					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	Shutdown	Shutdown	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³			NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr			-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr			-

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

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: CPP-1 70MW Fluidized Bed Combustion Boiler
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 07.08.2026 & 21.08.2026
12	Date of Sample Analysis	: 08.08.2026 & 22.08.2026
13	Date Sample Analysis Completion	: 08.08.2026 & 22.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: ULR-TC1723126000000713F

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			06.08.2026	20.08.2026	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	138	134	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.80	7.47	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	28.57	33.81	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	0.063	0.074	600
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.310	0.036	NS

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: CPP-1 70MW Fluidized Bed Combustion Boiler
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 07.08.2026 & 21.08.2026
12	Date of Sample Analysis	: 08.08.2026 & 22.08.2026
13	Date Sample Analysis Completion	: 08.08.2026 & 22.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/529

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	
				06.08.2026	20.08.2026	
	Date of Sample Collected			2049	2200	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	29	28	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	0.201	0.224	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	143445	139160	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	198387	190161	-

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

End of the Report

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

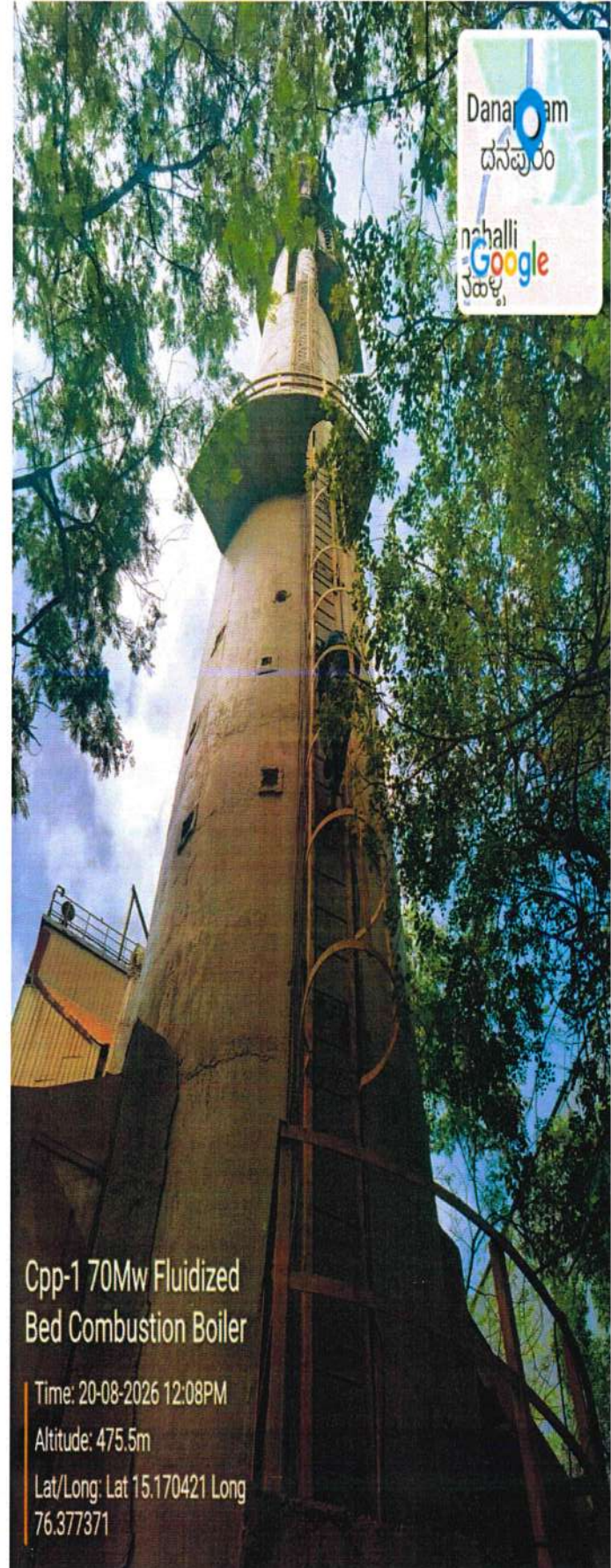
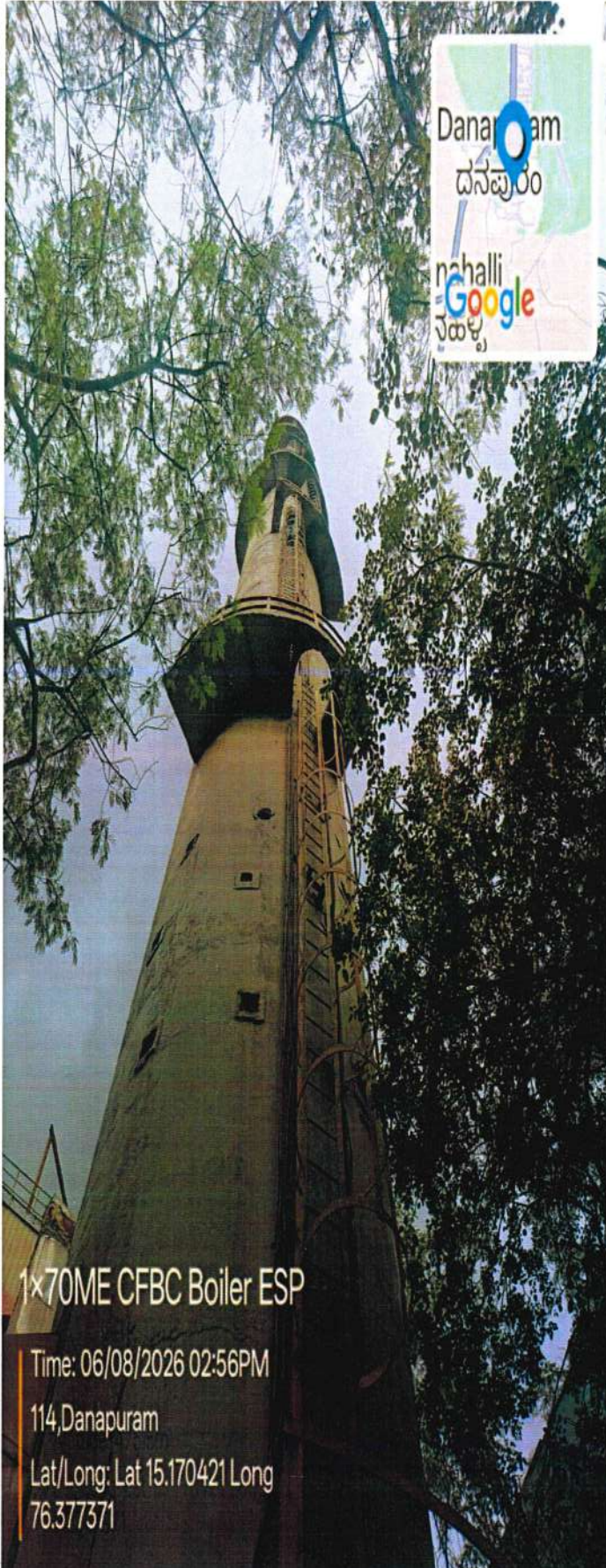


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STACK EMISSION LOCATIONS

1x70 MW CFBC Boiler ESP





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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: CPP-2 2X70MW -CFBC Boiler 1 & 2 ESP
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 08.08.2026 & 22.08.2026
12	Date of Sample Analysis	: 10.08.2026 & 24.08.2026
13	Date Sample Analysis Completion	: 10.08.2026 & 24.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: ULR-TC1723126000000717F

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	
	Date of Sample Collected			07.08.2026	21.08.2026	
	Sample Code			2064	2217	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	127	129	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.69	7.64	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	39.86	37.56	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	0.038	0.042	600
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.059	0.062	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 Manager

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: CPP-2 2X70MW -CFBC Boiler 1 & 2 ESP
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 08.08.2026 & 22.08.2026
12	Date of Sample Analysis	: 10.08.2026 & 24.08.2026
13	Date Sample Analysis Completion	: 10.08.2026 & 24.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/539

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	
				07.08.2026	21.08.2026	
	Date of Sample Collected			2064	2217	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	29	33	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	0.274	0.282	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	1033984	1021445	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	1391744	1382652	-

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

End of the Report



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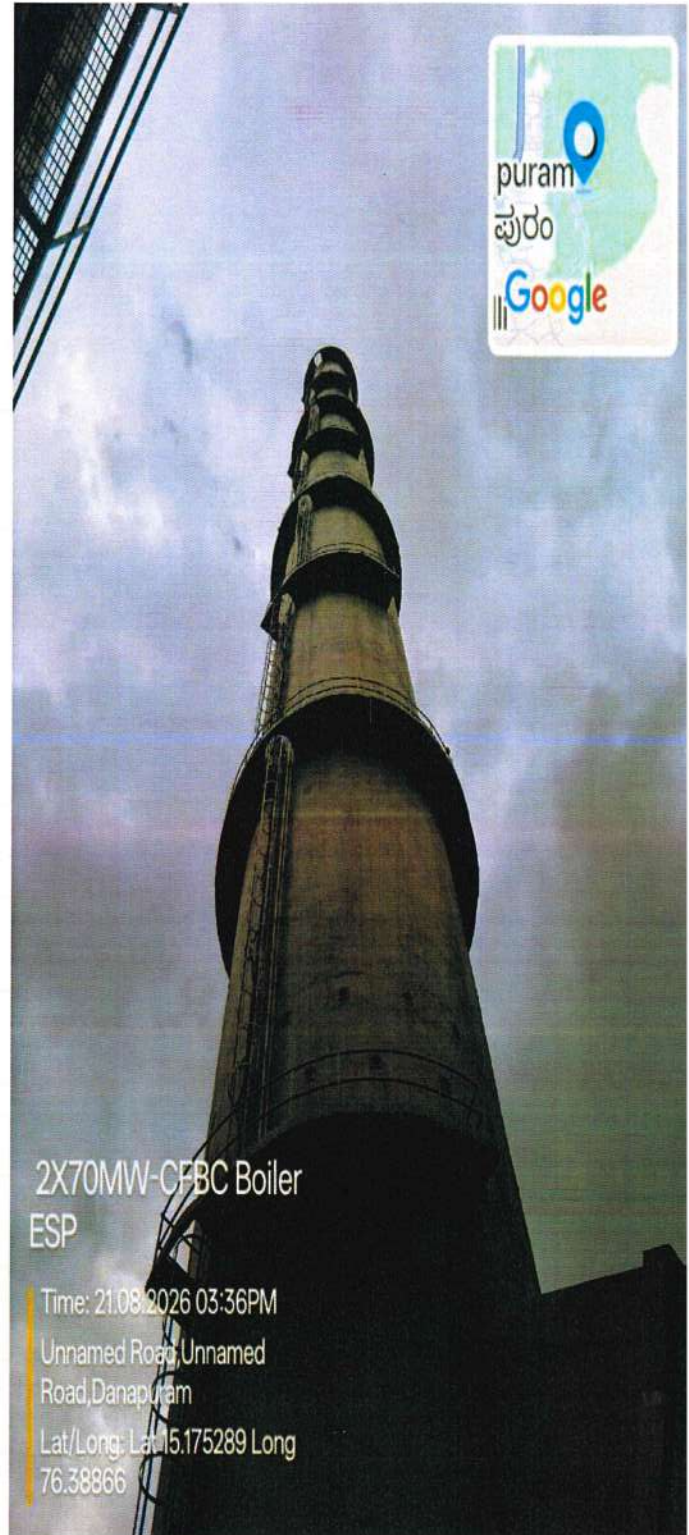
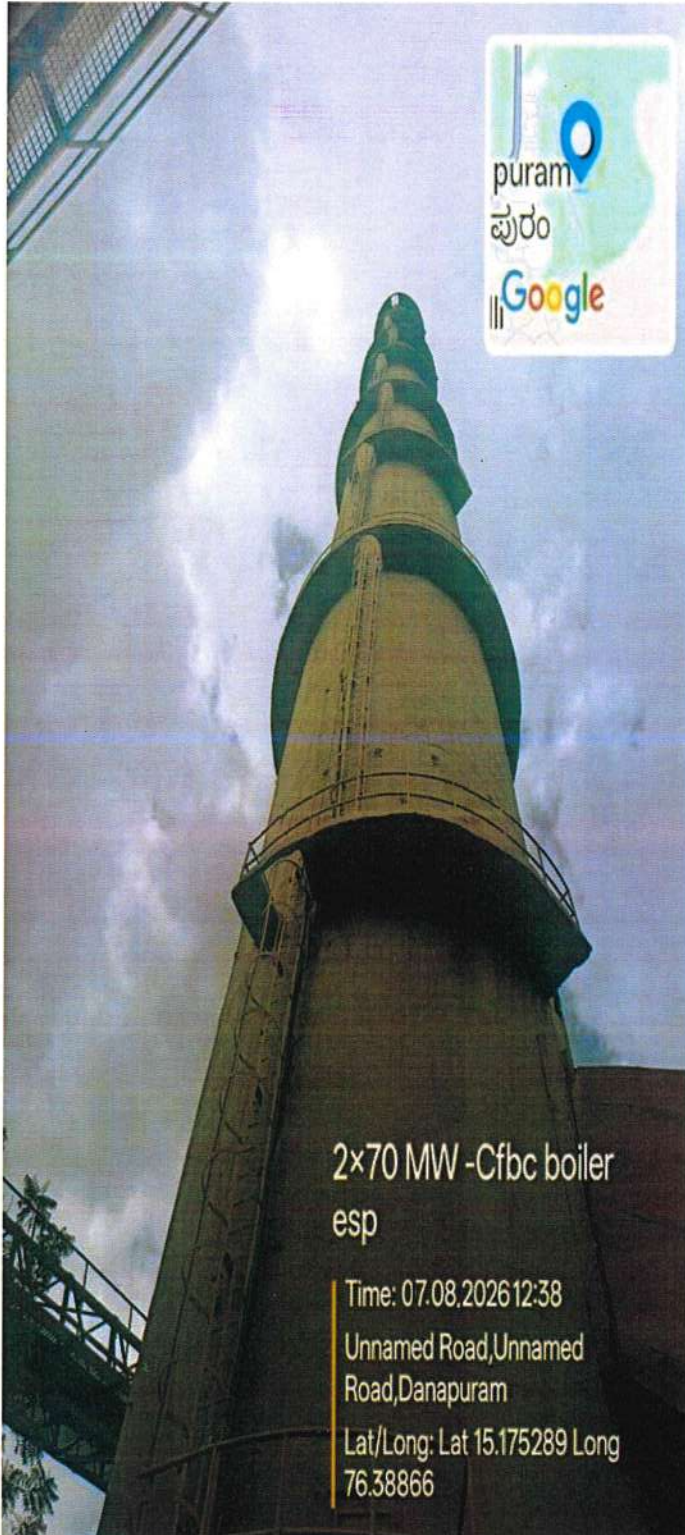
R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS
2X70 MW CFBC Boiler ESP





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TC-17231

ANNEXURE-32

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: SMS Bag House
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 06.08.2026 & 26.08.2026
12	Date of Sample Analysis	: 07.08.2026 & 27.08.2026
13	Date Sample Analysis Completion	: 07.08.2026 & 27.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: ULR-TC1723126000000709F

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	2nd Fort Night	
				05.08.2026	25.08.2026	
	Date of Sample Collected			2036	2247	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	84.0	86.0	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.98	8.06	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	42.38	31.84	50

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

End of the Report



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R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: SMS Bag House
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 06.08.2026 & 26.08.2026
12	Date of Sample Analysis	: 07.08.2026 & 27.08.2026
13	Date Sample Analysis Completion	: 07.08.2026 & 27.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/537

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	
				05.08.2026	25.08.2026	
				2036	2247	
4	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	30	29	-
5	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	108966	108401	-
6	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	131341	129999	-

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

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



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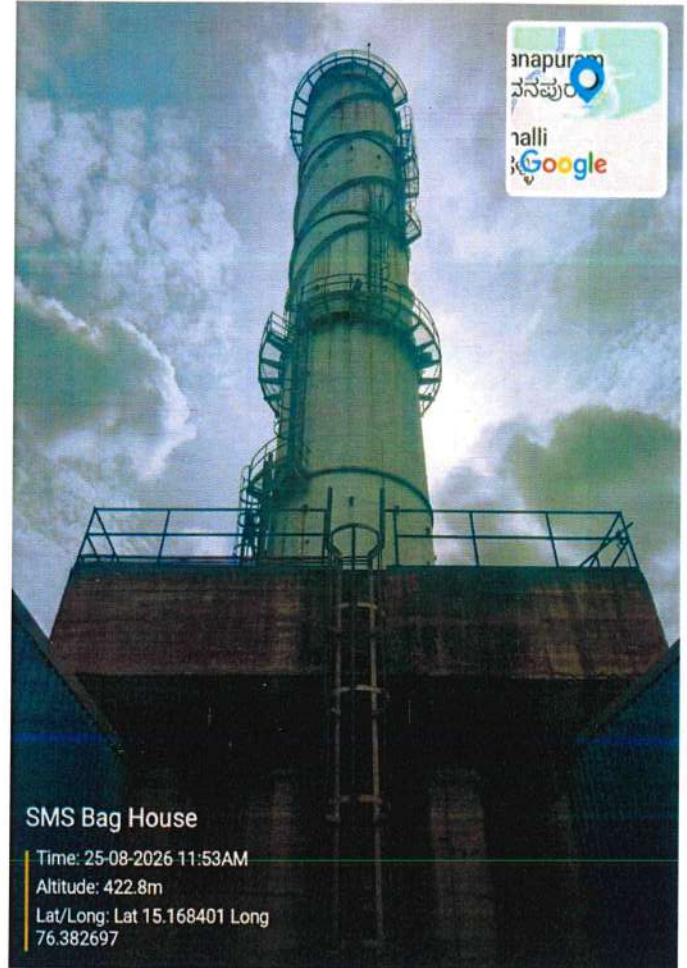
Mrs. Radha M Bengeri
Technical Manager

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STACK EMISSION LOCATIONS

SMS





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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: MBM Reheating Furnace
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 08.08.2026 & 26.08.2026
12	Date of Sample Analysis	: 10.08.2026 & 27.08.2026
13	Date Sample Analysis Completion	: 10.08.2026 & 27.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: ULR-TC1723126000000718F

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	2nd Fort Night	
	Date of Sample Collected			07.08.2026	25.08.2026	
	Sample Code			2065	2248	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	124	128	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.21	7.20	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	13.86	11.85	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	0.278	0.252	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.462	0.448	<1%

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: MBM Reheating Furnace
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 08.08.2026 & 26.08.2026
12	Date of Sample Analysis	: 10.08.2026 & 27.08.2026
13	Date Sample Analysis Completion	: 10.08.2026 & 27.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/541

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	
				07.08.2026	25.08.2026	
				2065	2248	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	31	31	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	0.031	0.029	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	136997	135826	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	183450	183304	-

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

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



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R.H. Bengeri

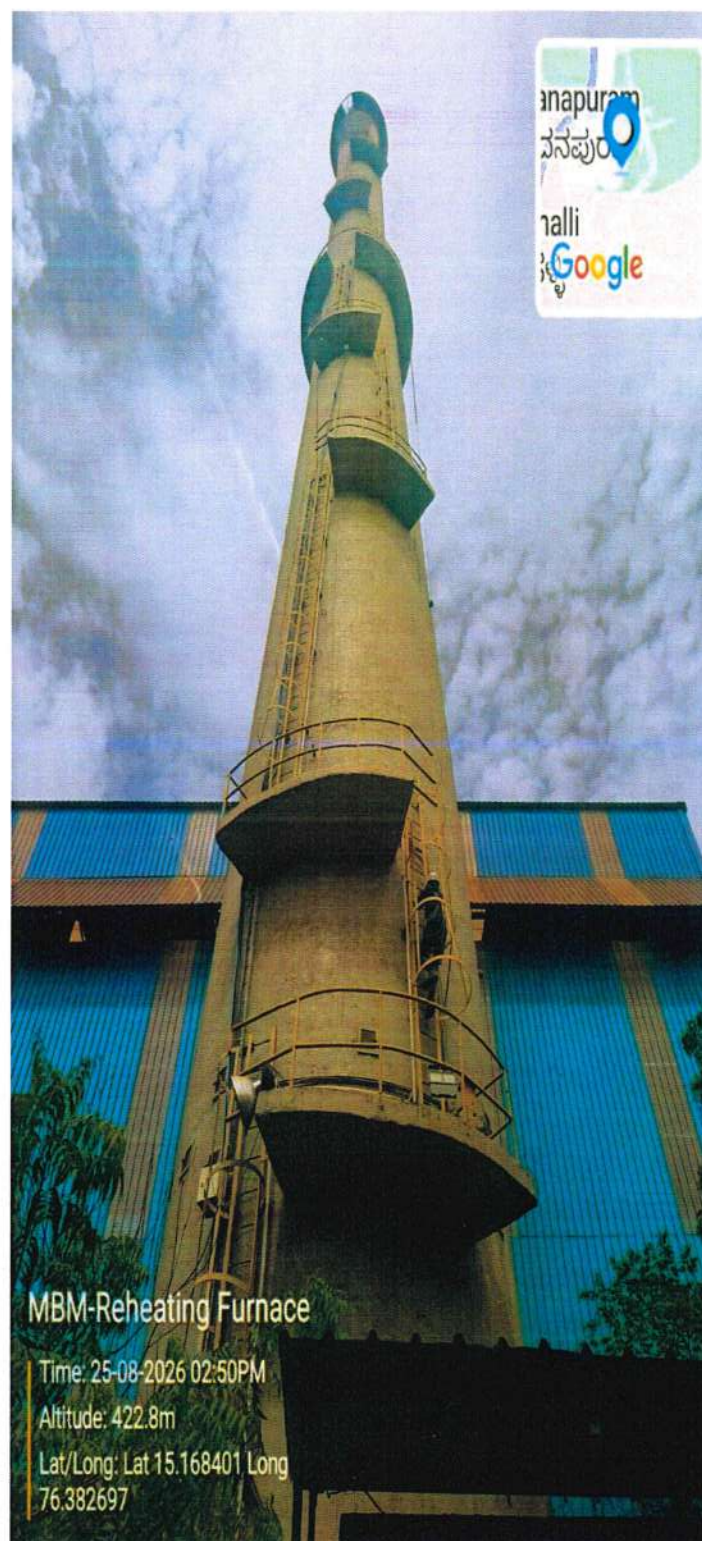
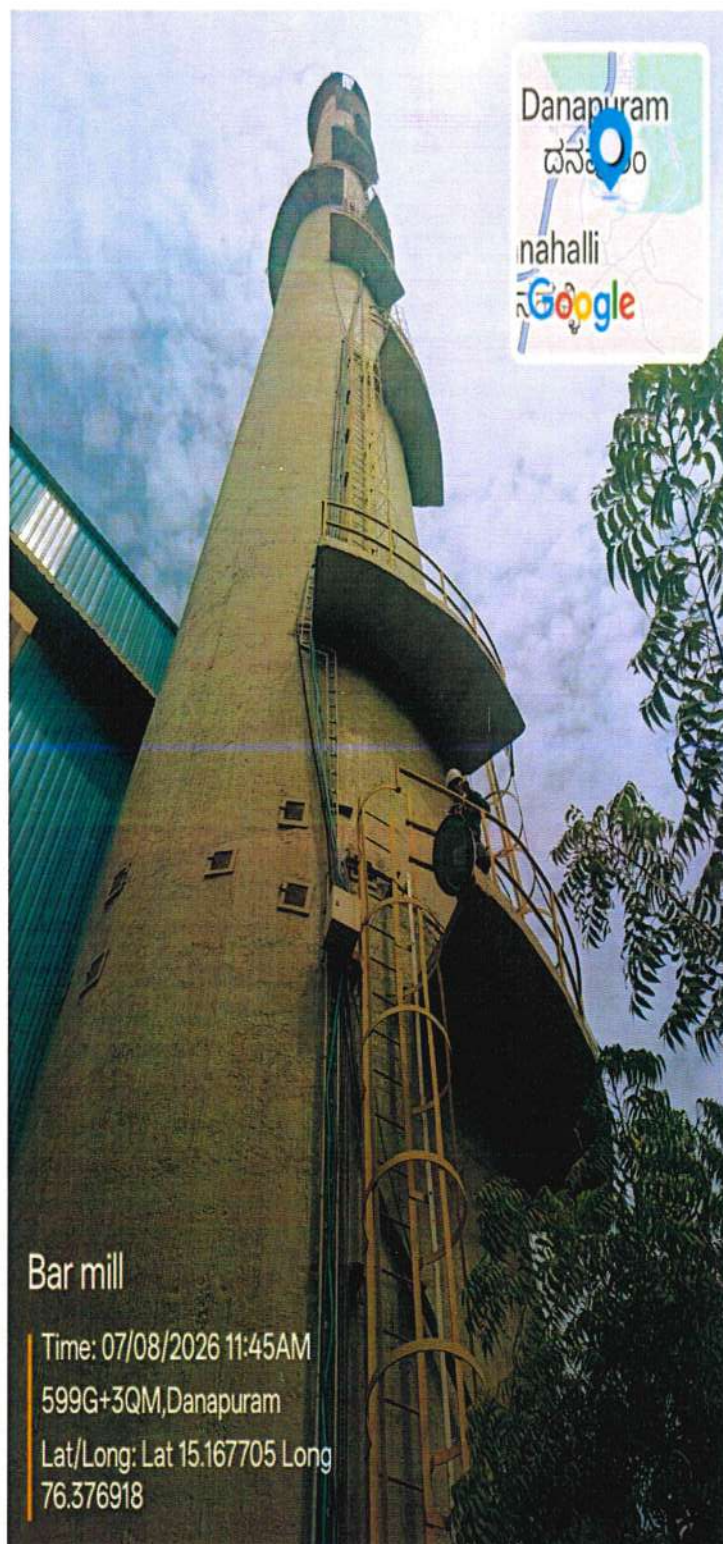
Mrs. Radha M Bengeri
Technical Manager

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STACK EMISSION LOCATIONS

Bamill





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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Blast Furnance -Stove Waste Gas
10	Month of Sampling	: AUGUST -2026
11	Date of Sample Received	: 10.08.2026 & 27.08.2026
12	Date of Sample Analysis	: 11.08.2026 & 28.08.2026
13	Date Sample Analysis Completion	: 11.08.2026 & 28.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: ULR-TC1723126000000720F

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	
	Date of Sample Collected			08.08.2026	26.08.2026	
	Sample Code			2074	2257	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	181	149	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.99	7.65	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	8.90	9.99	30.0
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	0.095	0.510	200
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.541	0.561	<1%

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Blast Furnance -Stove Waste Gas
10	Month of Sampling	: AUGUST-2026
11	Date of Sample Received	: 10.08.2026 & 27.08.2026
12	Date of Sample Analysis	: 11.08.2026 & 28.08.2026
13	Date Sample Analysis Completion	: 11.08.2026 & 28.08.2026
14	Report Issued Date	: 03.09.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/543

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	
				08.08.2026	26.08.2026	
	Date of Sample Collected			2074	2257	
	Sample Code					
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	0.034	0.088	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	181136	135826	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	276906	186801	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS

Blast Furnance -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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1 st Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 07.08.2026
11	Date of Sample Analysis	: 08.08.2026
12	Date Sample Analysis Completion	: 08.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000714F

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	06.08.2026	2052	---	32	5.03	30	0.90	17.46	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	11518	-

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 Manager

Note:

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- Samples are Retained for 15 days after issue of test reports.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 st Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 07.08.2026
11	Date of Sample Analysis	: 08.08.2026
12	Date Sample Analysis Completion	: 08.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/533

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	06.08.2026	2052	28	11183	-

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

INFERENCE: The Measured Values are within the limits

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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



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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.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring(1st Fort Night)
- 9 Month of Sampling : AUGUST-2026
- 10 Date of Sample Received : 02.08.2026
- 11 Date of Sample Analysis : 03.08.2026
- 12 Date Sample Analysis Completion : 03.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : ULR-TC1723126000000685F

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	01.08.2026	1978	---	32	4.67	6.5	0.5	20.16	50
4	Lime & Bentonite Powder bin top bag filter	01.08.2026	1979	---	34	4.95	6.5	0.5	24.27	50
5	AGB De dusting Bag Filter	SHUTDOWN	-	---	-	-	6.0	0.6	-	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
3	AGB main bag Filter	3302	-
4	Lime & Bentonite Powder bin top bag filter	3500	-
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 Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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ANNEXURE-36A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1 st Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 02.08.2026
11	Date of Sample Analysis	: 03.08.2026
12	Date Sample Analysis Completion	: 03.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/518

RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant-II						
3	AGB main bag Filter	01.08.2026	1978	29	3207	
4	Lime & Bentonite Powder bin top bag filter	01.08.2026	1979	30	3371	-
5	AGB De dusting Bag Filter	SHUTDOWN	-	-	-	-

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

INFERENCE: The measured values are within the limits

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1 st Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 02.08.2026
11	Date of Sample Analysis	: 03.08.2026
12	Date Sample Analysis Completion	: 03.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000686F

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	01.08.2026	1980	---	37	4.92	20	0.5	29.57	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	3478	-

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 Manager

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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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.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring(1st Fort Night)
- 9 Month of Sampling : AUGUST-2026
- 10 Date of Sample Received : 02.08.2026
- 11 Date of Sample Analysis : 03.08.2026
- 12 Date Sample Analysis Completion : 03.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : KAEW/BMMIL/STACK /2026-27/519

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	10.07.2026	1980	30	3316	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(1 st Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 11.08.2026 & 12.08.2026
11	Date of Sample Analysis	: 12.08.2026 & 13.08.2026
12	Date Sample Analysis Completion	: 12.08.2026 & 13.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000725F

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 3& 4										
9	Cooler Discharge -1	Shutdown		---	-	-	30	1.20	-	50
10	Cooler Discharge -2	10.08.2026	2089	--	35	4.73	30	1.20	26.05	50
11	Coal stock house	10.08.2026	2090	---	34	4.59	30	1.20	11.98	50
12	PSB 1 System-1	10.08.2026	2091	---	36	4.98	30	1.20	34.05	50
13	PSB 1 System-2	11.08.2026	2103	---	33	5.15	30	1.20	29.78	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	-	-
10	Cooler Discharge -2	19258	-
11	Coal stock house	18707	-
12	PSB 1 System-1	20261	-
13	PSB 1 System-2	20954	-

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 Manager

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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ANNEXURE-38A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1 st Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 11.08.2026 & 12.08.2026
11	Date of Sample Analysis	: 12.08.2026 & 13.08.2026
12	Date Sample Analysis Completion	: 12.08.2026 & 13.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/523

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 3 & 4						
9	Cooler Discharge -1	Shutdown		-	-	-
10	Cooler Discharge -2	10.08.2026	2089	35	18593	-
11	Coal stock house	10.08.2026	2090	34	18070	-
12	PSB 1 System-1	11.08.2026	2091	36	19434	-
13	PSB 1 System-2	10.08.2026	2103	33	20382	-

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

INFERENCE: The Measured Values are within the limits

End of the Report



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring(1st Fort Night)
- 9 Month of Sampling : AUGUST-2026
- 10 Date of Sample Received : 12.08.2026 & 13.08.2026
- 11 Date of Sample Analysis : 13.08.2026 & 14.08.2026
- 12 Date Sample Analysis Completion : 13.08.2026 & 14.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : ULR-TC1723126000000728F

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	11.08.2026	2104	---	34	4.92	30	1.20	30.62	50
15	PSB 2 System-2 Road	11.08.2026	2105	---	35	5.12	30	1.20	31.23	50
16	Junction House Old & New	11.08.2026	2106	---	36	5.17	30	1.20	35.82	50
17	Storage Bunker	12.08.2026	2115	---	32	4.81	30	1.20	25.00	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	20042	-
15	PSB 1 System-2 Road	20836	-
16	Junction House Old & New	21048	-
17	Storage Bunker	19572	-
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 Manager

Note:

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



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ANNEXURE-39A

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

Analysis Report of Stack Emission

- | | | |
|----|---------------------------------|--|
| 1 | Name of the Industry | : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District. |
| 2 | Customer Reference | : WORKORDER NO.. 4500005206 DATED 05.06.2026 |
| 3 | Sample collected by | : Shri Krishna Aqua Engineering Works |
| 4 | Particulars of sample collected | : Stack Sampler
Sl. No: PT-25/2019 |
| 5 | Instrument Details | : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026 |
| 6 | Discipline | : Chemical |
| 7 | Group | : Atmospheric Pollution |
| 8 | Sample Type | : Stack Monitoring (1 st Fort Night) |
| 9 | Month of Sampling | : AUGUST-2026 |
| 10 | Date of Sample Received | : 12.08.2026 & 13.08.2026 |
| 11 | Date of Sample Analysis | : 13.08.2026 & 14.08.2026 |
| 12 | Date Sample Analysis Completion | : 13.08.2026 & 14.08.2026 |
| 13 | Report Issued Date | : 03.09.2026 |
| 14 | Report Number | : KAEW/BMMIL/STACK /2026-27/530 |

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
14	PSB 2 System-1 MCC	11.08.2026	2104	29	19418	-
15	PSB 1 System-2 Road	11.08.2026	2105	31	20064	-
16	Junction House Old & New	11.08.2026	2106	30	20187	-
17	Storage Bunker	12.08.2026	2115	28	19093	-
18	Dispatch	SHUTDOWN	-	-	-	-

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

INFERENCE: The Measured Values are within the limits

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- 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-40

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 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	:	AUGUST-2026
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date Sample Analysis Completion	:	-
13	Report Issued Date	:	03.09.2026
14	Report Number	:	-

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/s	Height (m)	Diameter (m)	PM mg/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	Shutdown	-	---	-	-	30	1.20	-	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)	Shutdown	-	---	-	-	30	1.90	-	50
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	Shutdown	-	---	-	-	30	1.90	-	50
23	Coal Dryer	Shutdown	-	---	-	-	30	1.20	-	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	-	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	-	-
21	DE 8 & 12 I-Bin, (Stand By)	-	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	-	-
23	Coal Dryer	-	-

INFERENCE:

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 Manager

Note:

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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., 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring (1st Fort Night)
- 9 Month of Sampling : AUGUST-2026
- 10 Date of Sample Received : -
- 11 Date of Sample Analysis : -
- 12 Date Sample Analysis Completion : -
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : -

RESULTS

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2X500 TPD Sponge Iron Kiln 3&4						
19	DE 3, Axis 3 CD	Shutdown	-	-	-	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	Shutdown	-	-	-	-
21	DE 8 & 12 I-Bin, (Stand By)	Shutdown	-	-	-	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	Shutdown	-	-	-	-
23	Coal Dryer	Shutdown	-	-	-	-

Gas flow Discharge rate at NTP

IS 11255 Part 3: 2008 (RA : 2018)

INFERENCE:

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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

ANNEXURE-41/1

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1 ST Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 10.08.2026
11	Date of Sample Analysis	: 11.08.2026
12	Date Sample Analysis Completion	: 11.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000721F

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	KSPC Std mg/N ₁
Blast furnace										
1	Cast House dedusting stack	08.08.2026	2075	---	39	6.56	35	3.3	36.42	50
2	Stock House dedusting stack	08.08.2026	2076	---	36	5.91	35	3.3	22.03	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore Cone Crusher	201932	-
2	Iron Ore Screening	181849	-

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 Manager

Note:

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ANNEXURE-41/1

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 10.08.2026
11	Date of Sample Analysis	: 11.08.2026
12	Date Sample Analysis Completion	: 11.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/544

RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm ³ /hr	KSPCB Std
Blast furnace						
1	Cast House dedusting stack	08.08.2026	2075	31	191779	-
2	Stock House dedusting stack	08.08.2026	2076	30	174476	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 28.08.2026
11	Date of Sample Analysis	: 29.08.2026
12	Date Sample Analysis Completion	: 29.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000766F

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	Screen House	27.08.2026	2274	---	34	4.66	30	0.9	15.86	50
2	Junction House	Shutdown		---	34	4.96	30	1.2	16.13	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore Cone Crusher	10674	-
2	Iron Ore Screening	-	-

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 Manager

Note:

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 28.08.2026
11	Date of Sample Analysis	: 29.08.2026
12	Date Sample Analysis Completion	: 29.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/570

RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm ³ /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Beneficiation Plant-2						
1	Screen House	27.08.2026	2274	-	-	-
2	Junction House	Shutdown		28	10350	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
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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.. 4500005206 DATED 05.06.2026 |
| 3 | Sample collected by | : Shri Krishna Aqua Engineering Works |
| 4 | Particulars of sample collected | : Stack Sampler
Sl. No: PT-25/2019 |
| 5 | Instrument Details | : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026 |
| 6 | Discipline | : Chemical |
| 7 | Group | : Atmospheric Pollution |
| 8 | Sample Type | : Stack Monitoring (2 nd Fort Night) |
| 9 | Month of Sampling | : AUGUST-2026 |
| 10 | Date of Sample Received | : 18.08.2026 |
| 11 | Date of Sample Analysis | : 19.08.2026 |
| 12 | Date Sample Analysis Completion | : 19.08.2026 |
| 13 | Report Issued Date | : 03.09.2026 |
| 14 | Report Number | : ULR-TC1723126000000753F |

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-2										
3	AGB main bag Filter	17.08.2026	2155	---	34	5.01	6.5	0.50	21.59	50
4	Mixer Area	17.08.2026	2156	---	35	4.84	6.5	0.50	24.99	50
5	Discharge Point from annular cooler	17.08.2026	2157	---	37	4.93	20	0.5	33.12	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
3	AGB main bag Filter	3540	-
4	Mixer Area	3419	-
5	Discharge Point from annular cooler	3483	-

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 Manager

Note:

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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.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring (2ndFort Night)
- 9 Month of Sampling : AUGUST-2026
- 10 Date of Sample Received : 18.08.2026
- 11 Date of Sample Analysis : 19.08.2026
- 12 Date Sample Analysis Completion : 19.08.2026
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : KAEW/BMMIL/STACK /2026-27/561

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-2						
3	AGB main bag Filter	17.08.2026	2155	30	3427	-
4	Mixer Area	17.08.2026	2156	31	3294	-
5	Discharge Point from annular cooler	17.08.2026	2157	30	3330	-

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

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	:	AUGUST-2026
10	Date of Sample Received	:	20.08.2026 & 21.08.2026
11	Date of Sample Analysis	:	21.08.2026 & 22.08.2026
12	Date Sample Analysis Completion	:	21.08.2026 & 22.08.2026
13	Report Issued Date	:	03.09.2026
14	Report Number	:	ULR-TC1723126000000757F

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 3 & 4										
1	Cooler Discharge -1	19.08.2026	-	Coal	34	4.65	30	1.2	26.65	50
2	Cooler Discharge -2	19.08.2026	-	Coal	35	5.09	30	1.2	28.58	50
3	Coal stock house	20.08.2026	1820	Coal	33	4.77	30	1.2	12.39	50
4	Product Separation Bin-1A	19.08.2026	-	Coal	35	5.18	30	1.2	31.62	50
5	Product Separation Bin-2A	20.08.2026	-	Coal	36	4.96	30	1.2	33.70	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Cooler Discharge -1	18940	-
2	Cooler Discharge -2	20743	-
3	Coal stock house	19426	-
4	Product Separation Bin-1A	21102	-
5	Product Separation Bin-2A	20192	-

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 Manager

Note:

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

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 20.08.2026 & 21.08.2026
11	Date of Sample Analysis	: 21.08.2026 & 22.08.2026
12	Date Sample Analysis Completion	: 21.08.2026 & 22.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/563

RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 3 & 4						
1	Cooler Discharge -1	19.08.2026	-	30	18317	-
2	Cooler Discharge -2	19.08.2026	-	29	20054	-
3	Coal stock house	20.08.2026	1820	29	18893	-
4	Product Separation Bin-1A	19.08.2026		30	20341	
5	Product Separation Bin-2A	20.08.2026		31	19391	

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

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 22.08.2026
11	Date of Sample Analysis	: 24.08.2026
12	Date Sample Analysis Completion	: 24.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000757F

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 3 & 4										
6	Transfer House	21.08.2026	2218	Coal	33	5.11	30	1.2	31.95	50
7	Product Bunker	21.08.2026	2219	Coal	34	4.63	30	1.2	24.94	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
14	Transfer House	20791	-
15	Product Bunker	18858	-

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 Manager

Note:

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

ANNEXURE-44A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 22.08.2026
11	Date of Sample Analysis	: 24.08.2026
12	Date Sample Analysis Completion	: 24.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/566

RESULTS

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 3 & 4						
6	Transfer House	21.08.2026	2218	28	20224	-
7	Product Bunker	21.08.2026	2219	29	18276	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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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.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring (2nd Fort Night)
- 9 Month of Sampling : AUGUST-2026
- 10 Date of Sample Received : -
- 11 Date of Sample Analysis : -
- 12 Date Sample Analysis Completion : -
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : -

RESULTS

Sl. NO	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/s	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TSP Sponge Iron Kiln 5 & 6										
1	Cooler Discharge-1	SHUTDOWN	---	---	-	-	30	1.20	-	50
2	Cooler Discharge -2 & PSB Transfer Tower)	SHUTDOWN	---	---	-	-	30	1.20	-	50
3	Product Bunker & Intermediate Bin	SHUTDOWN	---	---	-	-	30	1.90	-	50
4	PSB Product Separation bin 1 & 2	SHUTDOWN	---	---	-	-	30	1.90	-	50
5	Coal Primary Screen	SHUTDOWN	---	---	-	-	30	1.20	-	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	SHUTDOWN	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	SHUTDOWN	-
21	DE 8 & 12 I-Bin, (Stand By)	SHUTDOWN	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	SHUTDOWN	-
23	Coal Dryer	SHUTDOWN	-

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:

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: -
11	Date of Sample Analysis	: -
12	Date Sample Analysis Completion	: -
13	Report Issued Date	: 03.09.2026
14	Report Number	: -

RESULTS

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2X500 TSP Sponge Iron Kiln 5 & 6						
14	Cooler Discharge-1	SHUTDOWN	-	-	-	-
15	Cooler Discharge -2 & PSB Transfer Tower)	SHUTDOWN	-	-	-	-
16	Product Bunker & Intermediate Bin	SHUTDOWN	-	-	-	-
17	PSB Product Separation bin 1 & 2	SHUTDOWN	-	-	-	-
18	Coal Primary Screen	SHUTDOWN	-	-	-	-

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

INFERENCE:.

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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TC-17231

ANNEXURE-45/1

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring (2nd Fort Night)
- 9 Month of Sampling : AUGUST-2026
- 10 Date of Sample Received : -
- 11 Date of Sample Analysis : -
- 12 Date Sample Analysis Completion : -
- 13 Report Issued Date : 03.09.2026
- 14 Report Number : -

RESULTS

Sl. NO	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/s	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2X500 TSP Sponge Iron Kiln 5 & 6										
1	Coal Stock House-1 & 2	SHUTDOWN	---	---	-	-	-	-	-	50
2	Dolochar Storage Bin -1 & 2	SHUTDOWN	---	---	-	-	-	-	-	50
3	Coal Injection (Kiln Inlet)	SHUTDOWN	---	---	-	-	-	-	-	50
4	Fine Coal Injection (Kiln outlet)	SHUTDOWN	---	---	-	-	-	-	-	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	SHUTDOWN	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	SHUTDOWN	-
21	DE 8 & 12 I-Bin, (Stand By)	SHUTDOWN	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	SHUTDOWN	-
23	Coal Dryer	SHUTDOWN	-

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:

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 24.07.2026 & 25.07.2026
11	Date of Sample Analysis	: 25.07.2026 & 27.07.2026
12	Date Sample Analysis Completion	: 25.07.2026 & 27.07.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/573

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 TSP Sponge Iron Kiln 5 & 6						
1	Coal Stock House-1 & 2	SHUTDOWN	-	-	-	-
2	Dolochar Storage Bin -1 & 2	SHUTDOWN	-	-	-	-
3	Coal Injection (Kiln Inlet)	SHUTDOWN	-	-	-	-
4	Fine Coal Injection (Kiln outlet)	SHUTDOWN	-	-	-	-

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

INFERENCE:

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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-46/1

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 27.08.2026
11	Date of Sample Analysis	: 28.08.2026
12	Date Sample Analysis Completion	: 28.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000763F

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/Nn
Blast Furnace De-Dusting										
1	Blast Furnace Stock House	26.08.2026	2258	---	37	5.77	35	3.3	19.81	50
2	Blast Furnace Cost House	26.08.2026	2259	---	40	6.26	35	3.3	30.27	50

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Blast Furnace Stock House	177608	-
2	Blast Furnace Cost House	192708	-

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 Manager

Note:

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



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ANNEXURE-46/1
Format No: SKAEW/7.8/RF/C/04

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: AUGUST-2026
10	Date of Sample Received	: 27.08.2026
11	Date of Sample Analysis	: 28.08.2026
12	Date Sample Analysis Completion	: 28.08.2026
13	Report Issued Date	: 03.09.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/576

RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Blast furnace						
1	Blast Furnace Stock House	26.08.2026	2258	30	169879	-
2	Blast Furnace Cost House	26.08.2026	2259	30	182459	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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

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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.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Noise Level Monitoring
Particulars of Sample Collected : Sound Level Meter
Make : Kusam Meco , Model: KM929MK1
Instrument Details : Date of Calibration: 09.09.2025
Calibration Due Date:08.09.2026
Month : AUGUST-2026
Report Issue Date : 03.09.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000689F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		
				Day Time		Standard
				Min	Max	
1	Main Gate	07.08.2026	2062	45.2	60.2	75
2	Blast Furnace Blower House Entrance	01.08.2026	1983	68.2	73.4	75
3	Blast Furnace 7th Gate	04.08.2026	2008	41.2	49.6	75
4	Gunda Railway Station	08.08.2026	2071	48.5	53.7	75
5	Railway Siding	06.08.2026	2050	60.2	72.3	75
6	SMS-Vibro Feeders	04.08.2026	2009	69.6	73.1	75
7	Bricks Plant	06.08.2026	2051	49.2	56.3	75
8	Kempuhalla (Wagon Tippler)	07.08.2026	2063	48.8	55.7	75
9	Danapura Bridge	08.08.2026	2072	65.2	71.8	75
10	2nd Gate	08.08.2026	2073	43.1	46.9	75
11	MBM-Scale pit	05.08.2026	2034	69.9	73.9	75
12	Dispatch (Truck Parking Area)	05.08.2026	2035	68.8	70.8	75
13	Blast Furnace Stock House	03.08.2026	1998	68.8	72.6	75
14	Blast Furnace Cost House	03.08.2026	1999	52.0	58.2	75
15	Blast Furnace Gas Cleaning Plant	03.08.2026	2000	68.6	73.4	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.
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****End of the Report****



Reviewed & Authorized Signatory

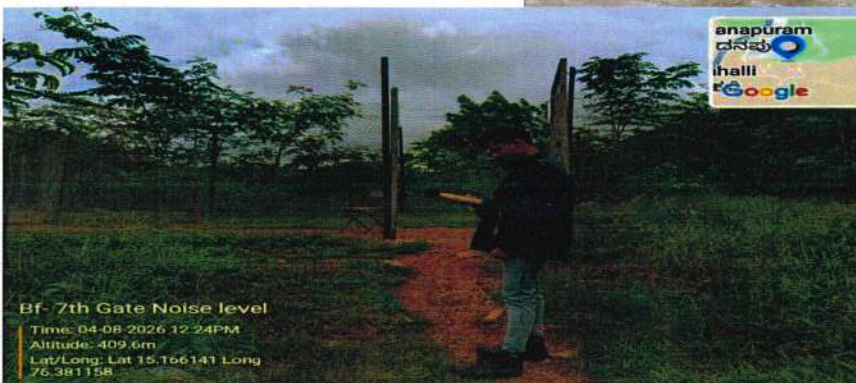
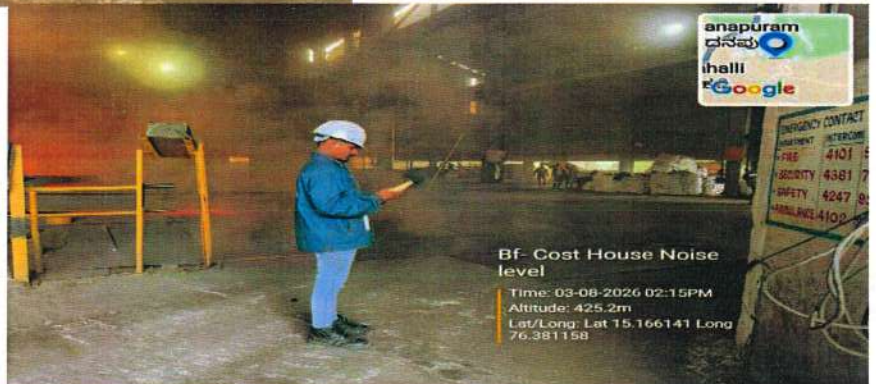
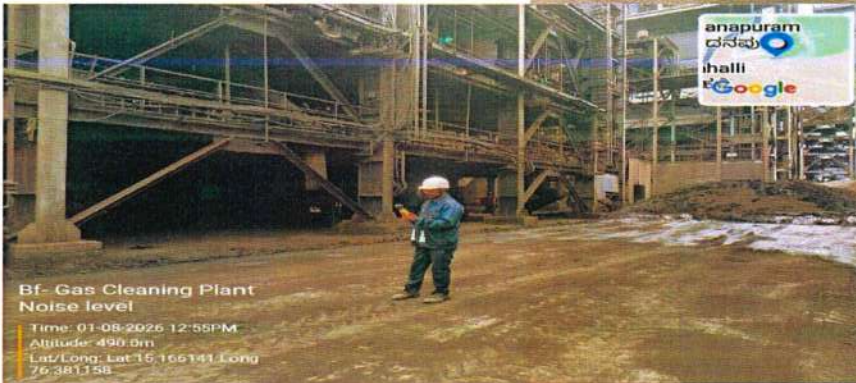
R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

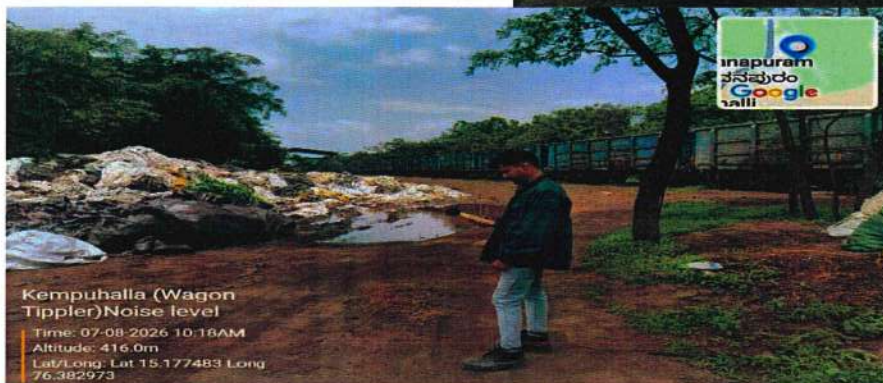
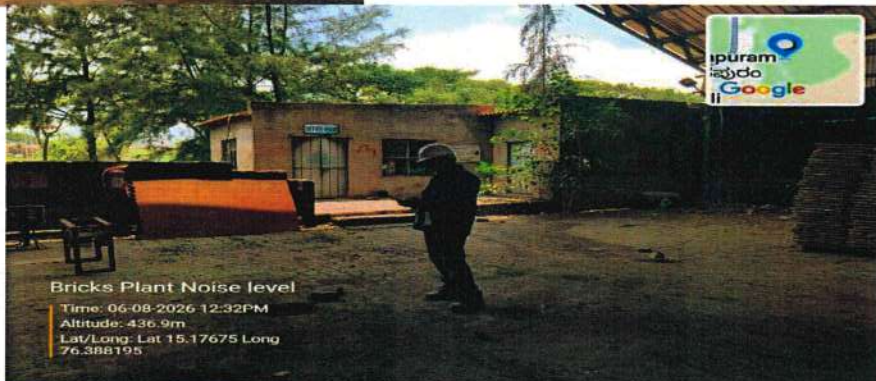
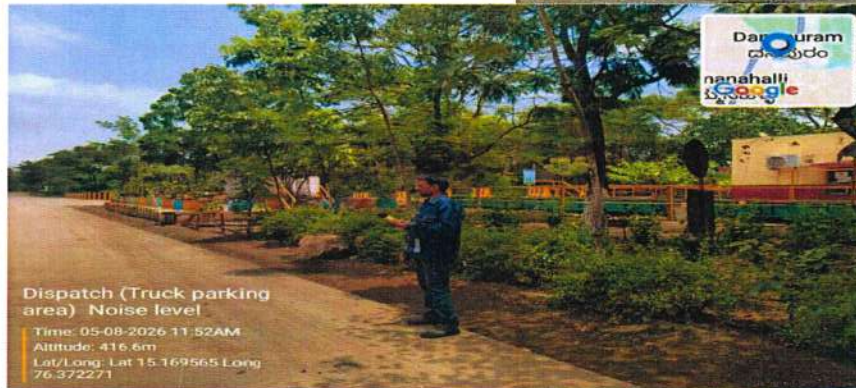
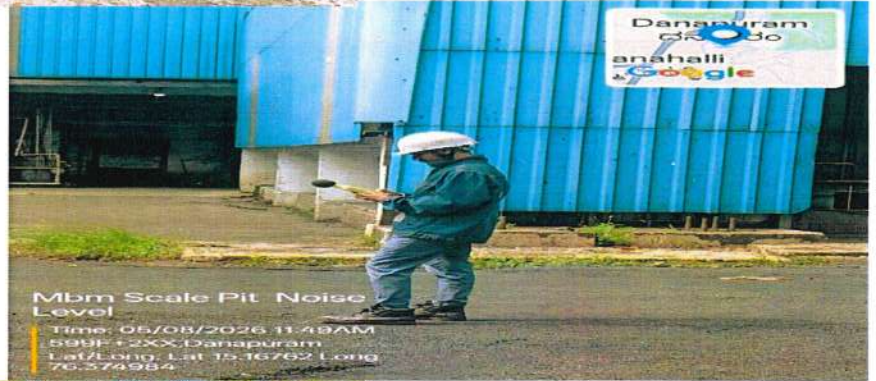
Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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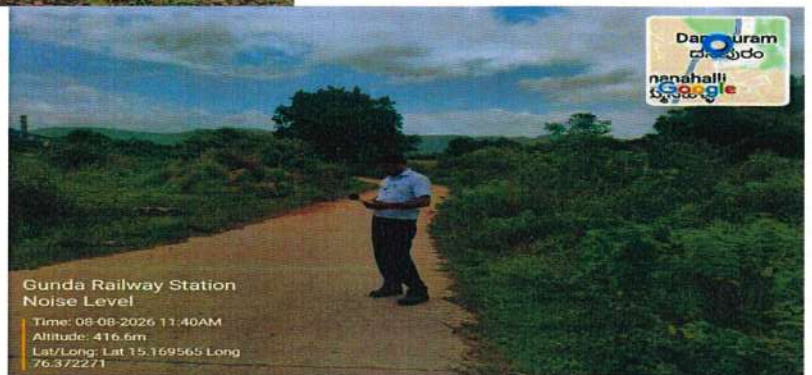
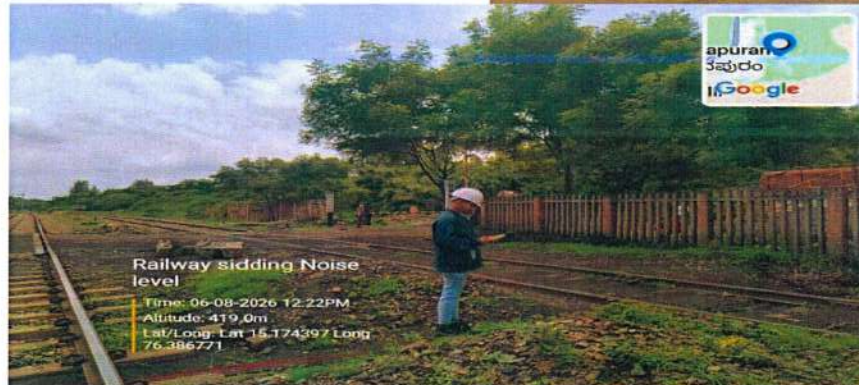
FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING





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TC-17231

ANNEXURE-48

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

NOISE LEVEL MONITORING REPORT

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Noise Level Monitoring
Particulars of Sample Collected : Sound Level Meter
Make : Kusam Meco , Model: KM929MK1
Instrument Details : Date of Calibration: 09.09.2025
Calibration Due Date:08.09.2026
Month : AUGUST-2026
Report Issue Date : 03.09.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000755F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		
				Day Time		Standard
				Min	Max	
1	Main Gate	22.08.2026	2223	45.2	51.3	75
2	Blast Furnace Blower House Entrance	17.08.2026	2166	68.8	72.2	75
3	Blast Furnace 7th Gate	18.08.2026	2176	41.5	48.2	75
4	Gunda Railway Station	24.08.2026	2235	49.3	54.2	75
5	Railway Siding	21.08.2026	2215	59.1	65.2	75
6	SMS-Vibro Feeders	19.08.2026	2190	68.6	71.4	75
7	Bricks Plant	21.08.2026	2216	48.3	58.2	75
8	Kempuhalla (Wagon Tippler)	22.08.2026	2224	48.1	55.0	75
9	Danapura Bridge	24.08.2026	2236	65.1	69.5	75
10	2nd Gate	24.08.2026	2237	43.9	46.9	75
11	MBM-Scale pit	20.08.2026	2201	69.2	73.1	75
12	Dispatch (Truck Parking Area)	20.08.2026	2202	63.1	68.3	75
13	Blast Furnace Stock House	19.08.2026	2191	65.3	69.0	75
14	Blast Furnace Cost House	18.08.2026	2177	65.1	71.2	75
15	Blast Furnace Gas Cleaning Plant	17.08.2026	2167	68.8	72.9	75

Note: Each Location above the Noise Level taken Readings 15 Minutes.

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

End of the Report

Reviewed & Authorized Signatory

R. M. Bengeri

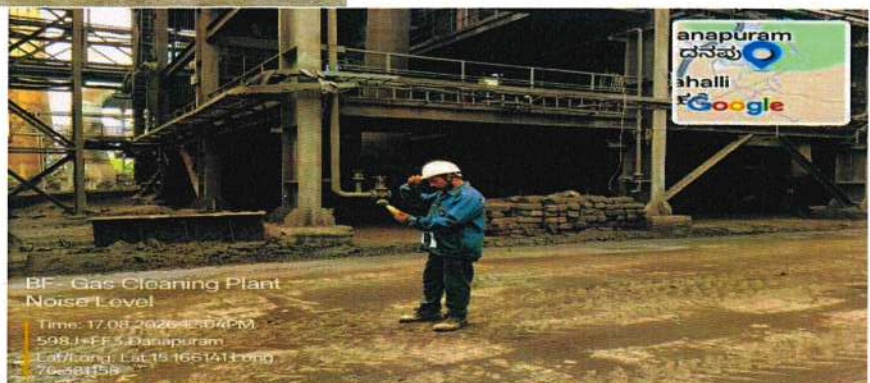
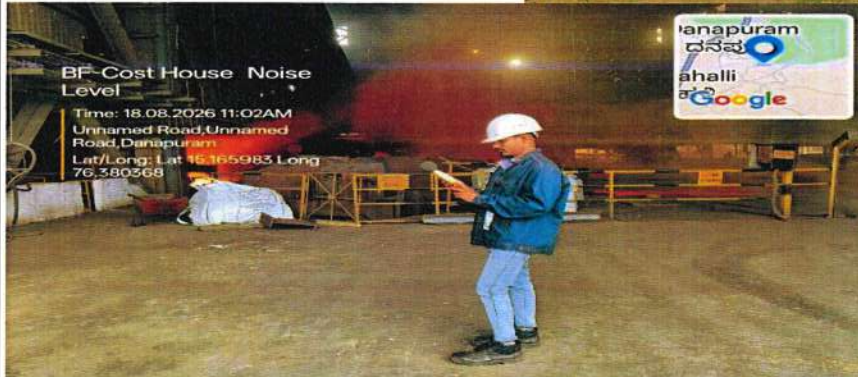
Mrs. Radha M Bengeri
Technical Manger



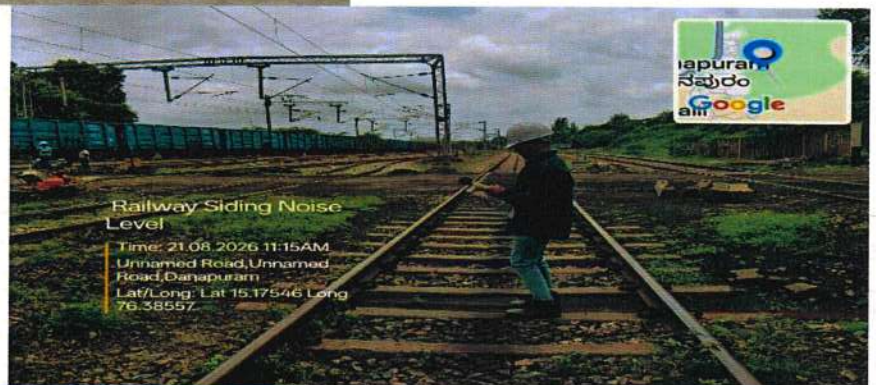
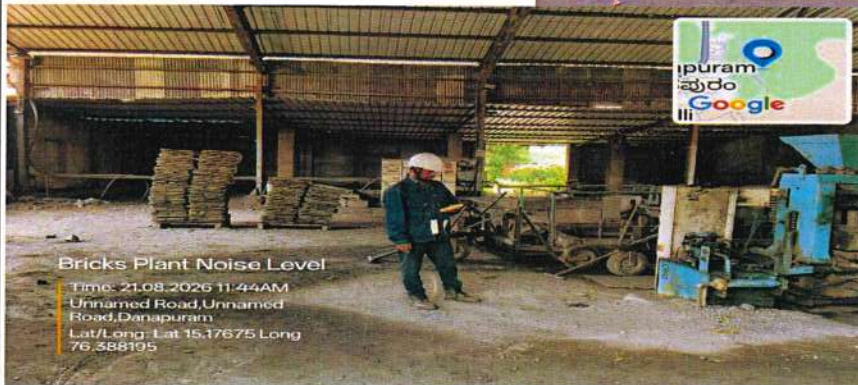
Note:

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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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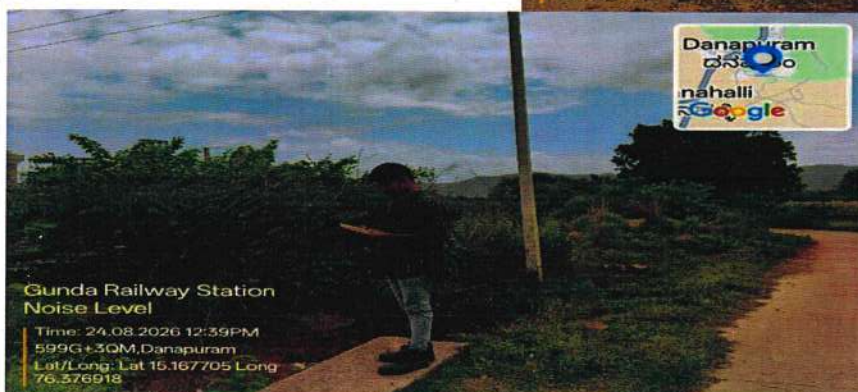
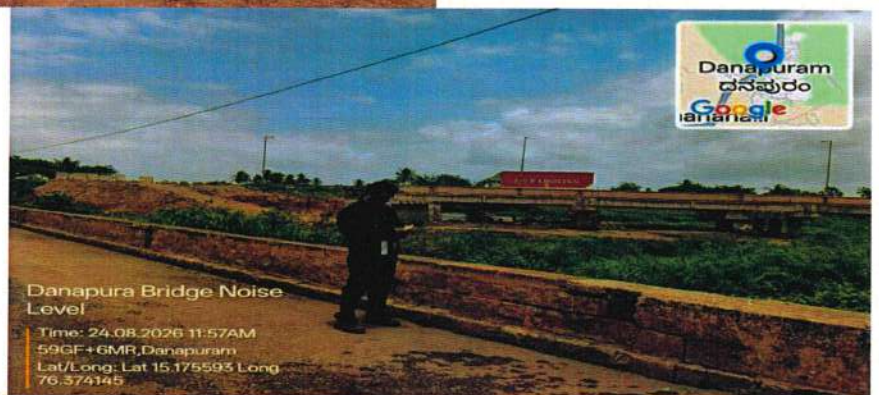
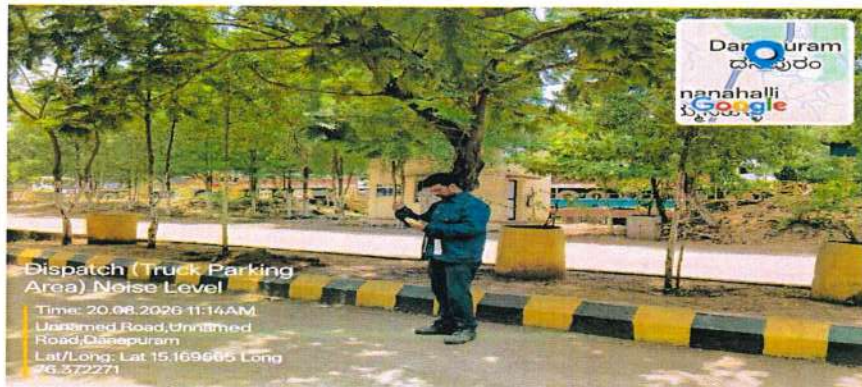
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SECOND FORT NIGHT INSIDE PLANT NOISE MONITORING



SECOND FORT NIGHT INSIDE PLANT NOISE MONITORING





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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.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Noise Level Monitoring
Particulars of Sample Collected : Sound Level Meter
Make : Kusam Meco , Model: KM929MK1
Instrument Details : Date of Calibration: 09.09.2025
Calibration Due Date:08.09.2026
Month : AUGUST-2026
Report Issue Date : 03.09.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000687F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)							
				Day Time			Standard	Night Time			Standard
				Min	Max	Avg		Min	Max	Avg	
1	Danapur Village	01.08.2026	1981	48.6	56.8	53.12	55	39.2	43.6	41.12	45
2	Mariyammana Halli	04.08.2026	2012	49.1	58.2	54.06		38.8	44.4	42.64	
3	Hanumana Halli	03.08.2026	1989	45.8	56.1	52.78		36.4	42.1	40.88	
4	Galemmanagudi	05.08.2026	2028	48.8	57.9	53.44		39.2	43.6	42.14	
5	G. Nagalapura Village	06.08.2026	2044	45.2	54.2	52.34		36.6	40.2	39.14	
6	Gunda Tanda Village	07.08.2026	2060	45.2	52.1	49.02		37.1	41.4	38.68	

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

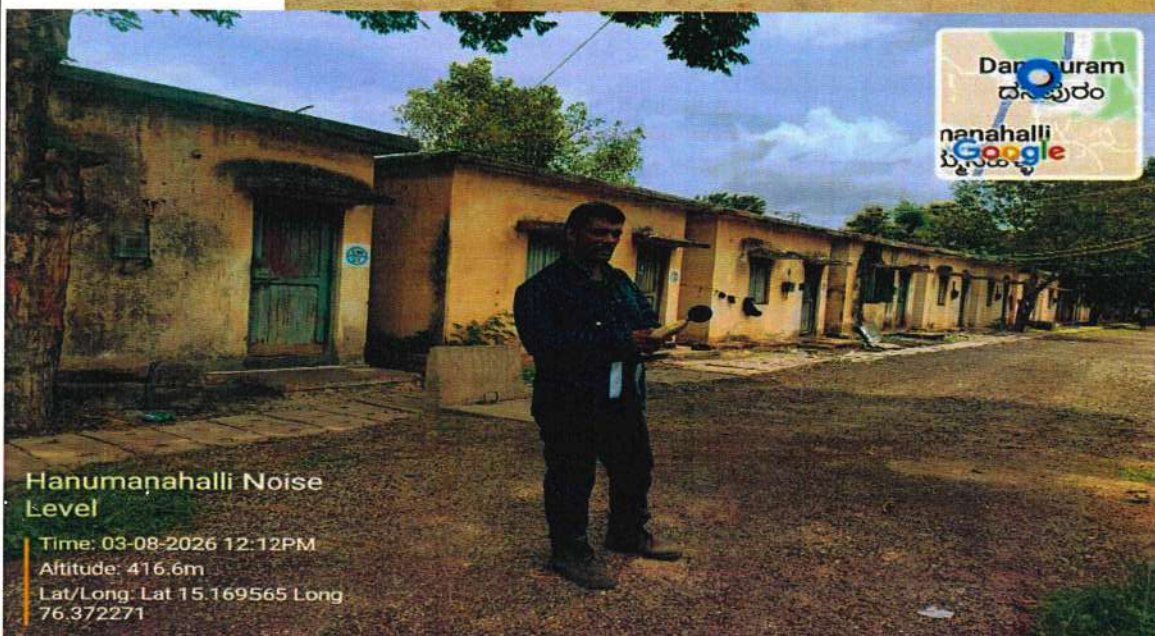
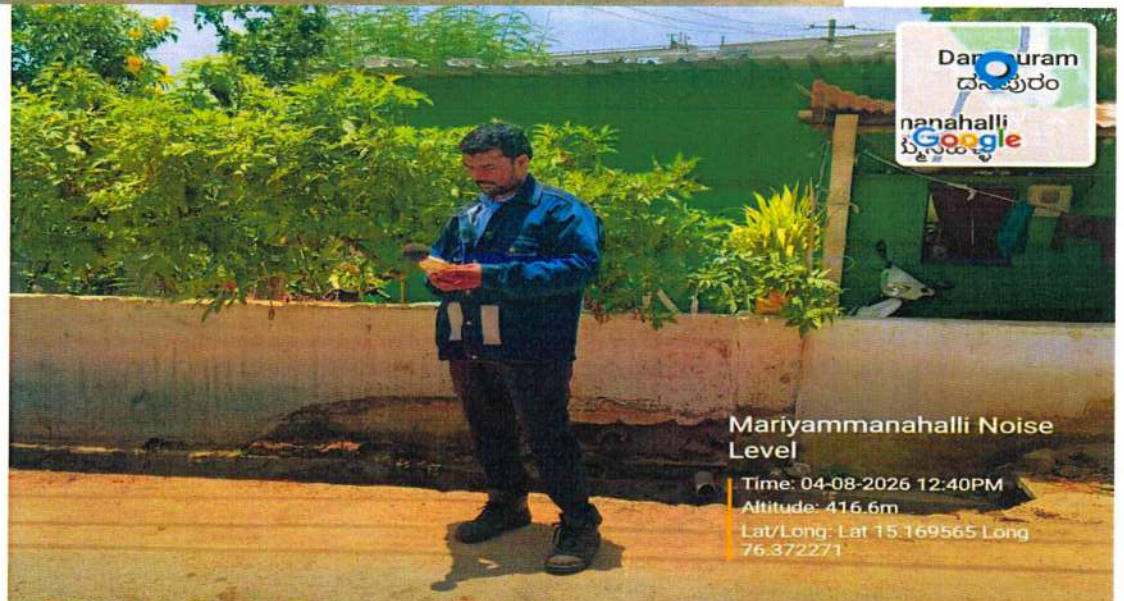
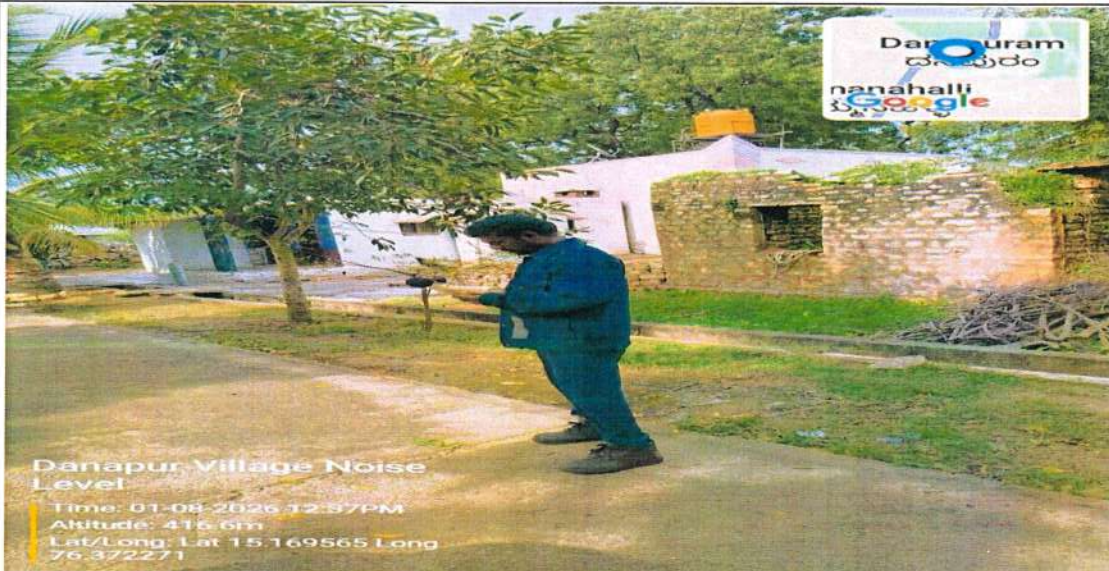
R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

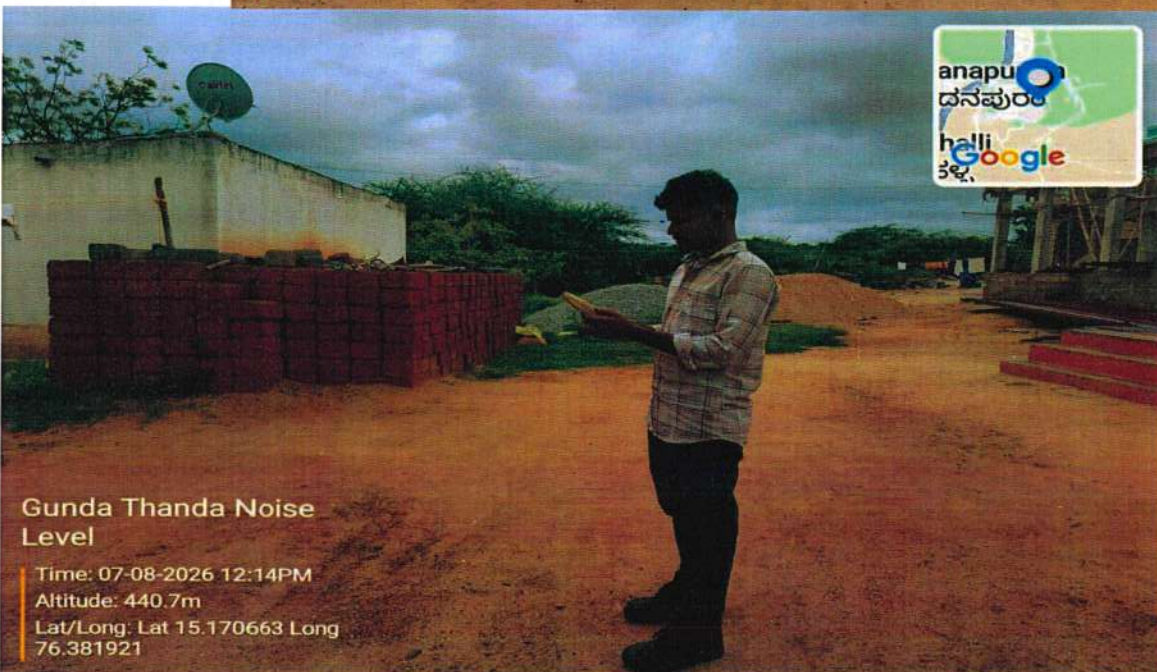
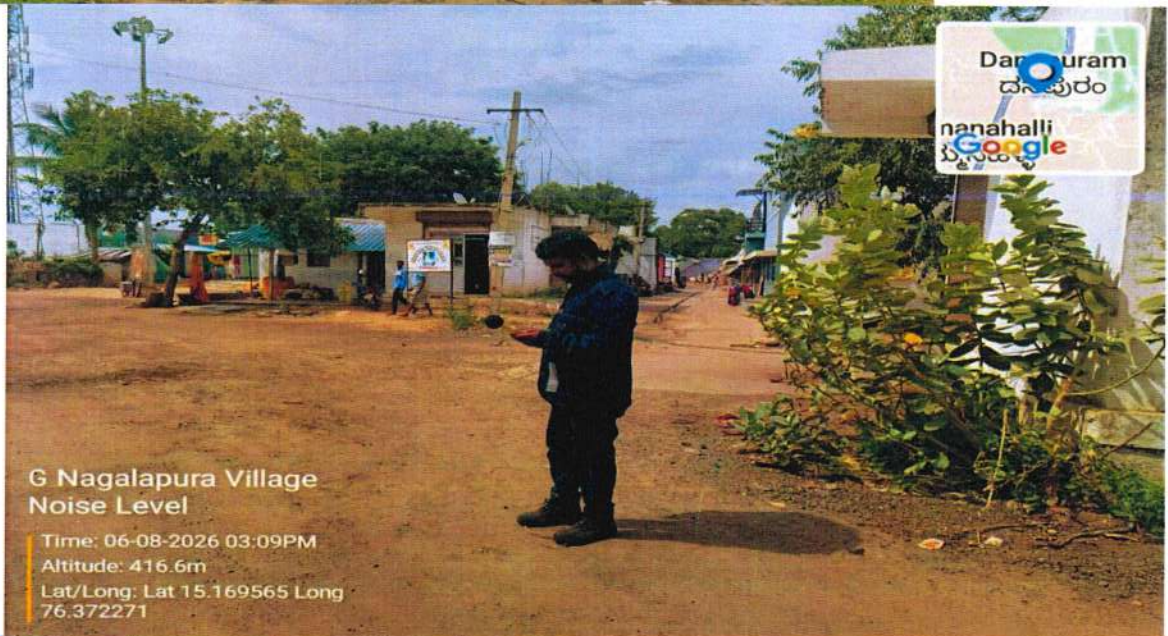
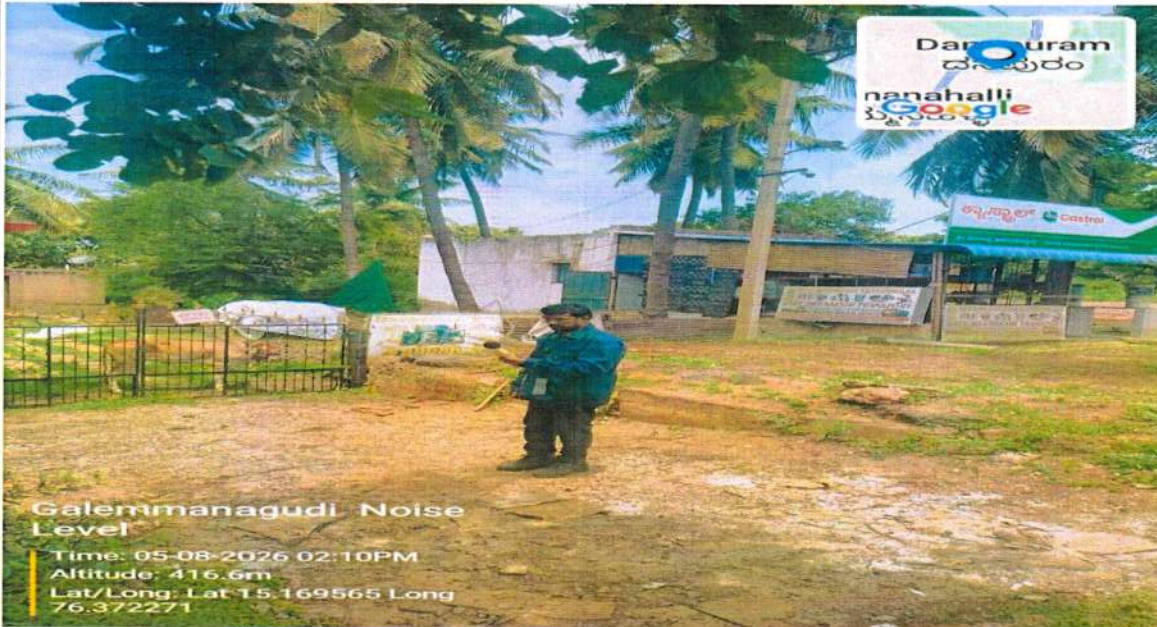
Note:

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

AMBIENT NOISE MONITORING



AMBIENT NOISE MONITORING





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TC-17231

ANNEXURE-50

Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 2127
9	Date of Sampling	: 13.08.2026
10	Sample Received	: 13.08.2026
11	Date of Analysis	: 14.08.2026
12	Date of Analysis Completion	: 21.08.2026
13	Report Issue Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000734F

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	-	7.14	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	μS/cm	2020	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1020	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	11.25	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	223.83	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	183	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	4.96	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	203.2	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	20.89	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	594	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	279.48	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.93	1 max	1.5 max
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	1.35	45max	NR

Note:

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TC-17231

ANNEXURE-50						
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	426	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	40	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.77	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.02	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

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

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

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



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-50

Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	2127
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/545

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 Manager

Note:

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- Samples are Retained for 15 days after issue of test reports.
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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 2128
9	Date of Sampling	: 13.08.2026
10	Sample Received	: 13.08.2026
11	Date of Analysis	: 14.08.2026
12	Date of Analysis Completion	: 21.08.2026
13	Report Issue Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000735F

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	-	7.31	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	2920	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1480	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	218	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.36	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	380	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	8.96	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	296	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	54.91	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	596	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	432.63	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	1.32	1 max	1.5 max

Note:

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

ANNEXURE-51						
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	2.07	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	576	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	66	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	1.10	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.01	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:

- 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-51

Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	2128
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/546

Results

Sl. No	Parameters	Protocol	Unit	Hanumana halli Village (GW2)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coli form count	IS : 15185:2016	1 CFU/ 100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/ 100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	2129
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	ULR-TC1723126000000736F

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	-	7.49	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	μS/cm	2050	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1025	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	14.22	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	108.22	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.21	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	28.8	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	5.2	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	280	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	76.82	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	552.36	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	360.84	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.97	1 max	1.5 max

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-52						
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	1.40	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	580	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	64	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	BDL(<0.1)	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	BDL(<0.01)	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW3: Galemmanagudi Village. NR-No relaxation.

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

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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ANNEXURE-52
Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Pollution & Environment
7	Sample Type	:	Ground Water
8	Sample Code	:	2129
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/547

Results

Sl. No	Parameters	Protocol	Unit	Galemma 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. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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TC-17231

ANNEXURE-53
Format No: SKAEW/7.8/RF/C/08

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	2130
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	ULR-TC1723126000000737F

Results

Sl. No.	Parameters	Protocol	Unit	Mariyammana Halli Village (GW4)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	6.96	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	2450	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1240	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	183.84	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.21	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	32	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	5.12	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	259.2	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	92.34	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	704	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	357.97	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	1.0	1 max	1.5 max

Note:

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TC-17231

ANNEXURE53

15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	1.50	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	516	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	58	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.98	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	BDL(<0.01)	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW4: Mariyammanahalli Village. NR-No relaxation

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	2130
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/548

Results

Sl. No	Parameters	Protocol	Unit	Mariyamman a Halli Village (GW4)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coli form count	IS : 15185:2016	1 CFU/ 100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/ 100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 2131
9	Date of Sampling	: 13.08.2026
10	Sample Received	: 13.08.2026
11	Date of Analysis	: 14.08.2026
12	Date of Analysis Completion	: 21.08.2026
13	Report Issue Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000738F

Results

Sl. No.	Parameters	Protocol	Unit	Gunda Thanda (GW5)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	7.66	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	μS/cm	665	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	338	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	35.20	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.10	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	68	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	3.8	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	92.8	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	34.02	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	256	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	55.51	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	BDL(≤0.1)	1 max	1.5 max

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com



TC-17231

ANNEXURE-54

15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.40	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	298	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	28	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.40	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	BDL (<0.01)	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW5: Gunda Thanda. NR-No relaxation.

INFERENCE

As per Standards IS: 10500:2012

Report Status: - Measured Values for the above parameters are within the limit.

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



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-54

Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	2131
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/549

Results

Sl. No	Parameters	Protocol	Unit	Gunda Thanda (GW5)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coli form count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 2132
9	Date of Sampling	: 13.08.2026
10	Sample Received	: 13.08.2026
11	Date of Analysis	: 14.08.2026
12	Date of Analysis Completion	: 21.08.2026
13	Report Issue Date	: 03.09.2026
14	Report Number	: ULR-TC1723126000000739F

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	-	7.08	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	1700	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	870	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	13.33	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	82.18	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	212	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	2.8	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	147.2	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	24.78	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	286	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	186.31	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.67	1 max	1.5 max

Note:

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TC-17231

ANNEXURE-55						
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	1.32	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	312	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	54	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.70	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.01	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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	2132
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/550

Results

Sl. No	Parameters	Protocol	Unit	G. Nagalapura Village (GW6)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Nickel as Ni	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.02max	NR
22	Manganese as Mn	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.10 max	0.30 max
23	Copper as Cu	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.05 max	1.50 max
24	Zinc as Zn	APHA 24th Edition 3111 B : 2023	mg/L	<1.0	5 max	15 max
25	Lead as Pb	APHA 24th Edition 3111 B : 2023	mg/L	<0.01	0.01 max	NR
26	Arsenic as As	APHA 24th Edition 3114B : 2023	mg/L	<0.01	0.01 max	0.05 max
27	Cadmium as Cd	APHA 24th Edition 3111 B : 2023	mg/L	<0.001	0.003 max	NR
28	Total Coli form count	IS : 15185:2016	1 CFU/ 100 ml	Absent	Shall not be detectable in any 100ml sample	-
29	Escherichia coli count	IS : 15185:2016	1 CFU/ 100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

ANNEXURE-56

Format No: SKAEW/7.8/RF/C/09

Note:

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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical
6	Group	:	Water
7	Sample Type	:	RO Drinking Water
8	Sample Code	:	2133
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	ULR-TC1723126000000740F

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	-	8.13	6.5 to 8.5	NR
2.	Electrical Conductivity @ 25 °C	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	330	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	172	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	22.18	200max	400max
6.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	2.25	-	-
7.	Potassium as K	IS 3025 Part 45: 2024	mg/L	0.93	-	-
8.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	25.6	75max	200max
9.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	7.29	30max	100max
10.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	94	200max	600max
11.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	22.01	250max	1000 max
12.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	BDL (<0.1)	1 max	1.5 max
13.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.36	45max	NR
14.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	70	200max	600max

Note:

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TC-17231

ANNEXURE-

15	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	BDL (<0.1)	-	-
16	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	BDL (<0.1)	0.30max	NR
17.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	ND	0.05 max	NR
18.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max
19.	Residual chlorine	IS 3025 Part 26: 2021	mg/L	BDL (<0.1)	0.2max	1.0max
20.	Boron as B	IS 3025 Part 57: 2021	mg/L	0.13	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

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

1. All results pertain to the sample received and tested only.
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E-mail - radhabengeri@gmail.com, shrikrishnaaqua@gmail.com

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical/Biological
6	Group	: Water
7	Sample Type	: RO Drinking Water
8	Sample Code	: 2133
9	Date of Sampling	: 13.08.2026
10	Sample Received	: 13.08.2026
11	Date of Analysis	: 14.08.2026
12	Date of Analysis Completion	: 21.08.2026
13	Report Issue Date	: 03.09.2026
14	Report Number	: SKAEW/BMMIL/RO/2026-27/551

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

Note: Ab: Absent, NR: No Relaxation,



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	Sewage Treatment Plant (Outlet)
8	Date of Sampling	:	13.08.2026
9	Sample Received	:	13.08.2026
10	Date of Analysis	:	14.08.2026
11	Date of Analysis Completion	:	21.08.2026
12	Report Issue Date	:	03.09.2026

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	-	2134	2135	2136	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	6.22	7.43	7.15	6.5 to 8.5
2.	Colour	IS 3025 Part 4: 2021	Hazen	1	1	2	
3.	Total Suspended Solids	IS 3025 Part 17: 2022	mg/L	9.9	11.7	0.4	<20
4.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 PART 44: 2023	mg/L	6.0	8.0	9.3	<10
5.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	18.4	36.8	40.0	<50
6.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	7.58	6.36	8.55	10
7.	Kjeldhal Nitrogen	IS 3025 Part 34 Sec 1: 2023	mg/L	2.15	1.74	2.58	5
8	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.003	0.005	0.006	-

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

I-STP 45 KLD - Near Fortivia Report Number: ULR-TC1723126000000741F

II-STP-1 90 KLD -Near ISP Area Report Number: ULR-TC1723126000000742F

III- STP-2 90 KLD -Near Gunda Guest House Report Number: ULR-TC1723126000000743F

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

ANNEXURE-57

Format No: SKAEW/7.8/RF/C/06

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Composite Sampling
5	Discipline	: Chemical
6	Group	: Pollution & Environment
7	Sample Type	: Sewage Treatment Plant (Outlet)
8	Date of Sampling	: 13.08.2026
9	Sample Received	: 13.08.2026
10	Date of Analysis	: 14.08.2026
11	Date of Analysis Completion	: 21.08.2026
12	Report Issue Date	: 03.09.2026

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	-	2134	2135	2136	
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	21	19	37	Less than 100

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

I-STP 45 KLD – Near Fortivia, **Report Number: SKAEW/BMMIL/STP/2026-27/552**

II-STP-1 90 KLD –Near ISP Area, **Report Number: SKAEW/BMMIL/STP/2026-27/553**

III-STP-2 90 KLD –Near Gunda Guest House, **Report Number: SKAEW/BMMIL/STP/2026-27/554**



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
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4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	Waste Water
8	Date of Sampling	:	13.08.2026
9	Sample Received	:	13.08.2026
10	Date of Analysis	:	14.08.2026
11	Date of Analysis Completion	:	21.08.2026
12	Report Issue Date	:	03.09.2026
13	Report Number	:	ULR-TC1723126000000744F

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	2137	2138	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	6.85	8.26	6.5 to 9.0
2.	Total Suspended Solids	IS 3025 Part 17: 2022	mg/L	27.55	8.56	100
3.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	58.24	43.68	250
4.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	1.69	2.52	10

Note: BDL-Below detectable Limit.

INFERENCE: The Measured values are within the Limit.

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

ANNEXURE-59

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

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
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TC-17231

Format No: SKAEW/7.8/RF/C/10

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Composite Sampling
5	Discipline	: Chemical
6	Group	: Pollution & Environment
7	Sample Type	: Surface Water
8	Date of Sampling	: 13.08.2026
9	Sample Received	: 13.08.2026
10	Date of Analysis	: 14.08.2026
11	Date of Analysis Completion	: 21.08.2026
12	Report Issue Date	: 03.09.2026
13	Report Number	: ULR-TC1723126000000745F

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS - B
				Danayakanakere Upstream	Danayakanakere Downstream	
			Sample code	2139	2140	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.57	7.58	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	2.4	2.7	3.0
4	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.23	0.15	1.3
5	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.5	6.3	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year: 2023)	mg/L	0.07	0.04	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-59

Format No: SKAEW/7.8/RF/C/10

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Sampling Procedure	:	SKAEW-LD/SOP/32
6	Discipline	:	Chemical
7	Group	:	Pollution & Environment
8	Sample Type	:	Surface Water
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14	Report Number	:	SKAEW/BMMIL/SW/2026-27/555

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				Danayakanakere Upstream	Danayakanakere Downstream	
			Sample code	2139	2140	
7	Arsenic as As	APHA 24th Edition 3114-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	71	87	500
	Escherichia coli or E. coli	IS : 1622:1981	MPN/ 100 ml	Absent	Absent	-



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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- Samples are Retained for 15 days after issue of test reports.
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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.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	Surface Water
8	Date of Sampling	:	13.08.2026
9	Sample Received	:	13.08.2026
10	Date of Analysis	:	14.08.2026
11	Date of Analysis Completion	:	21.08.2026
12	Report Issue Date	:	03.09.2026
13	Report Number	:	ULR-TC1723126000000746F

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				KempuHalla Upstream	KempuHalla Downstream	
		Sample code		2141	2142	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.79	7.78	6.5-8.5
2.	Color	IS 3025 Part 4: 2021		1	1	300
3.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 Part 44: 2023	mg/L	<2.0	<2.0	3.0
4	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.17	0.22	1.3
5	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.3	6.0	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.04	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:

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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.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Sampling Procedure	:	SKAEW-LD/SOP/32
6	Discipline	:	Chemical
7	Group	:	Pollution & Environment
8	Sample Type	:	Surface Water
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14.	Report Number	:	SKAEW/BMMIL/SW/2026-27/557

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				KempuHalla Upstream	KempuHalla Downstream	
			Sample code	2141	2142	
7	Arsenic as As	APHA 24th Edition 3114- 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	66	81	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 Manager

Note:

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

ANNEXURE-61

Format No: SKAEW/7.8/RF/C/10

Analysis Report of Surface Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Pollution & Environment
7	Sample Type	:	Surface Water
8	Date of Sampling	:	13.08.2026
9	Sample Received	:	13.08.2026
10	Date of Analysis	:	14.08.2026
11	Date of Analysis Completion	:	21.08.2026
12	Report Issue Date	:	03.09.2026
13	Report Number	:	ULR-TC1723126000000747F

Sl. No.	122Parameters	Protocol	Unit	Results	IS 2296 -1982 CLASS -B
				Tungabhadra dam	
Sample Code			2143		
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.19	
2.	Color	IS 3025 Part 4: 2021		1	
3.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 Part 44: 2023	mg/L	15	
4.	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.11	
5.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	121	
6.	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.2	
7.	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.05	

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:

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

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Sampling Procedure	:	SKAEW-LD/SOP/32
6	Discipline	:	Chemical/Biological
7	Group	:	Pollution & Environment
8	Sample Type	:	Surface Water
9	Date of Sampling	:	13.08.2026
10	Sample Received	:	13.08.2026
11	Date of Analysis	:	14.08.2026
12	Date of Analysis Completion	:	21.08.2026
13	Report Issue Date	:	03.09.2026
14.	Report Number	:	SKAEW/BMMIL/SW/2026-27/467

Sl. No.	Parameters	Protocol	Unit	Results	IS 2296 -1982 CLASS -B
				Tungabhadra dam	
				Sample Code	2143
8	Total Suspended Solids	APHA 24th Edition 2540 D: 2023	mg/L	24.22	-
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	73	500
	Escherichia coli or E. coli	IS: 1622:1981	MPN/100 ml	Absent	-

Note: BDL-Below detectable Limit

INFERENCE: The measured values are within the Limit.



Reviewed & Authorized Signatory

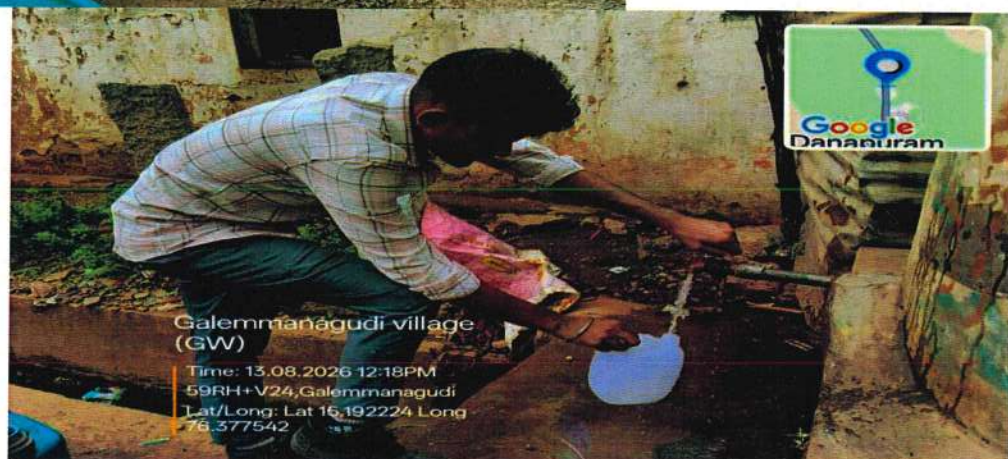
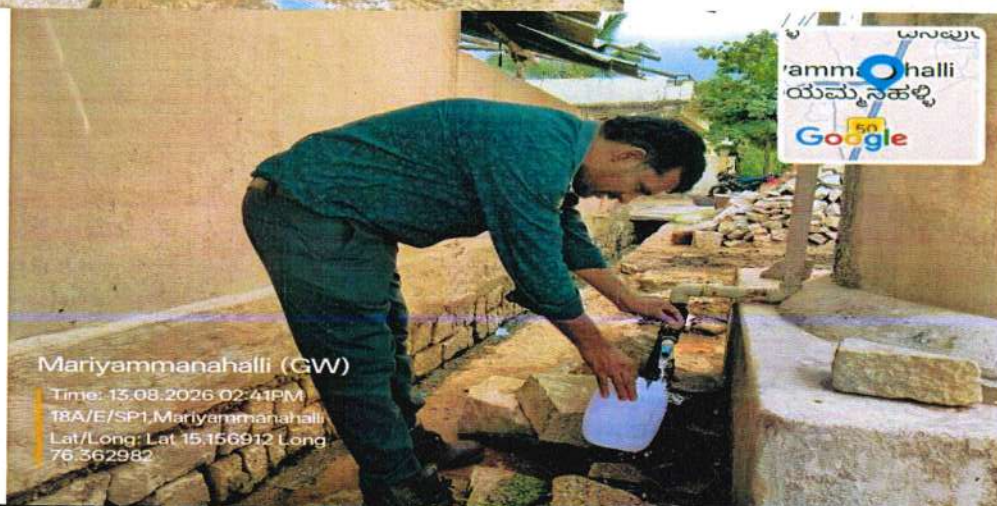
R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

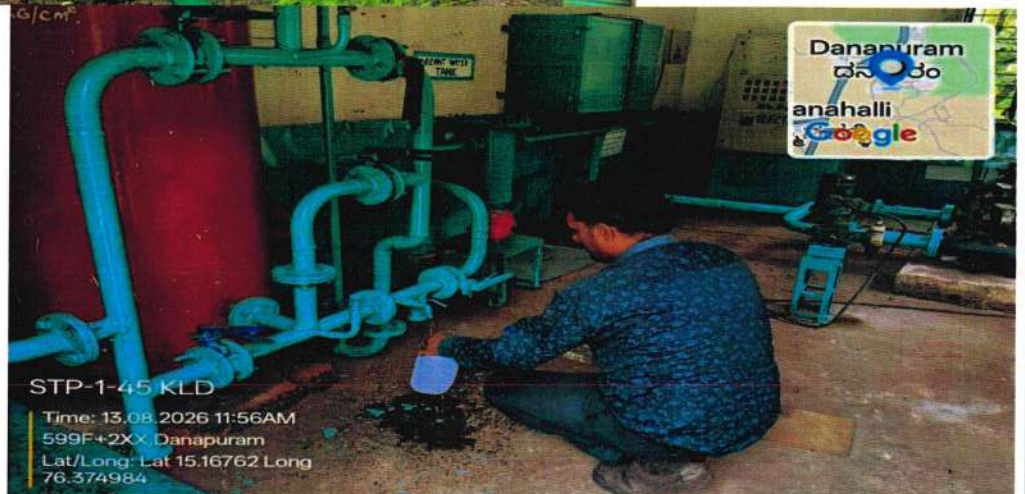
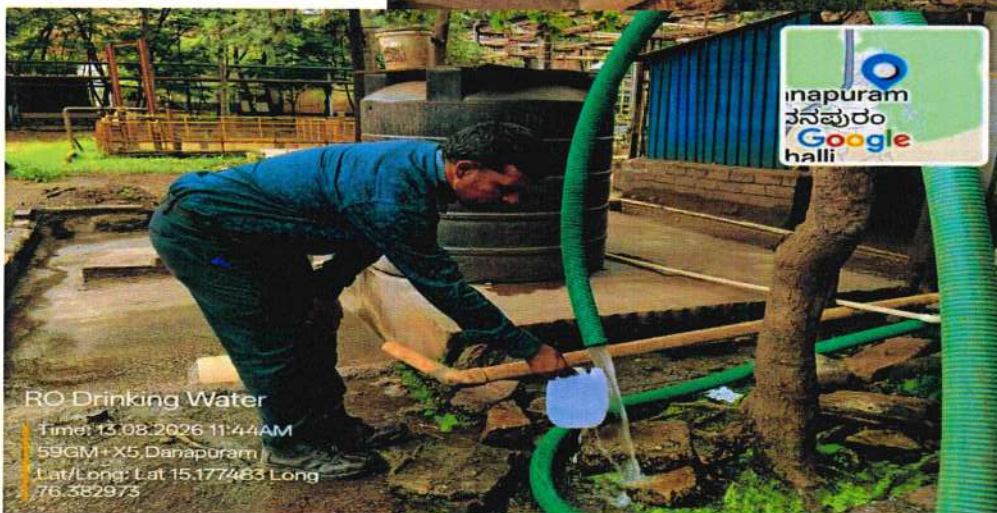
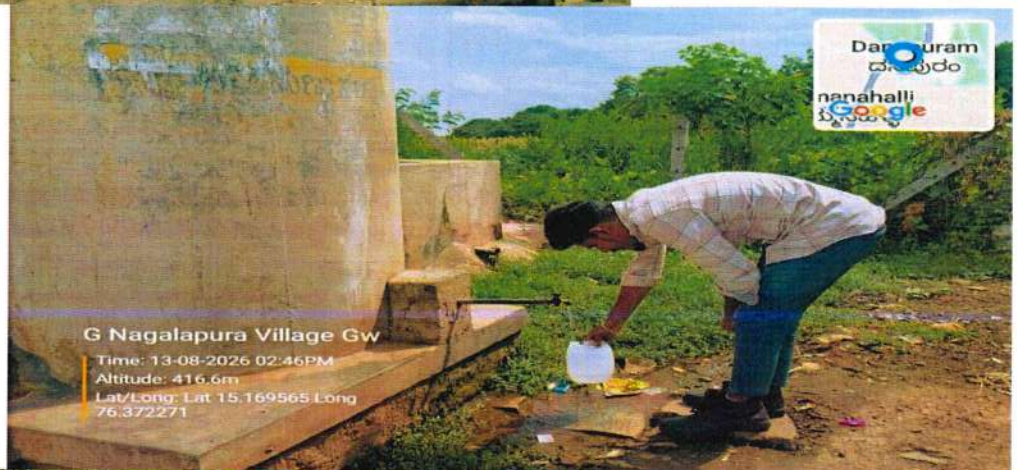
Note:

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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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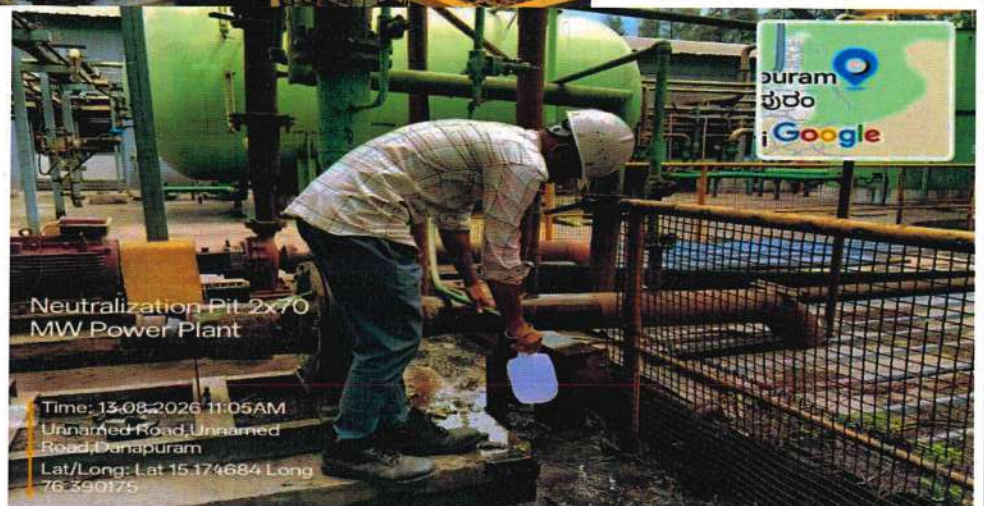
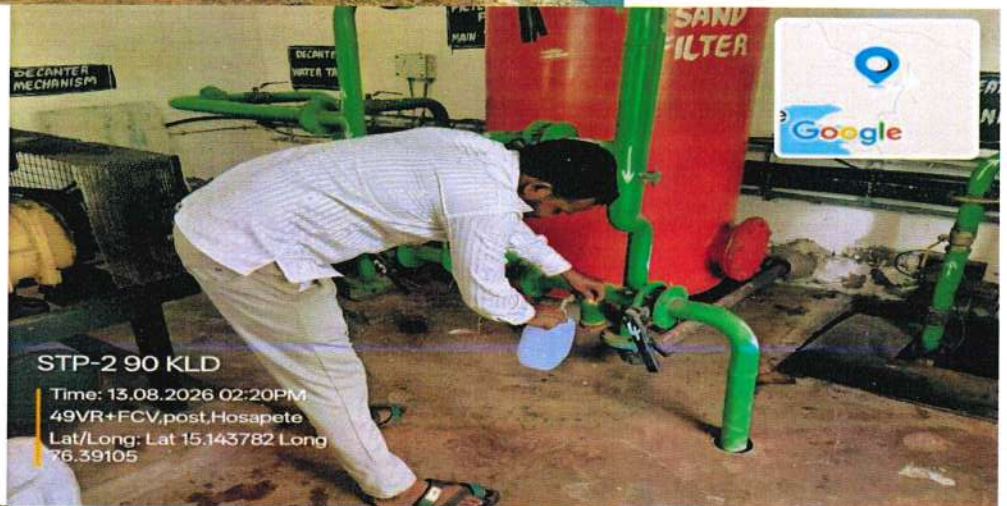
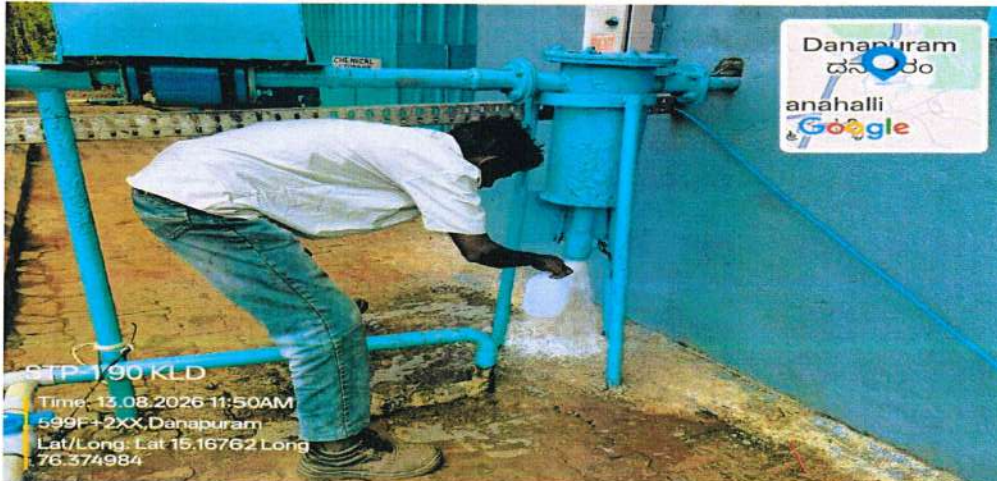
WATER SAMPLING LOCATIONS



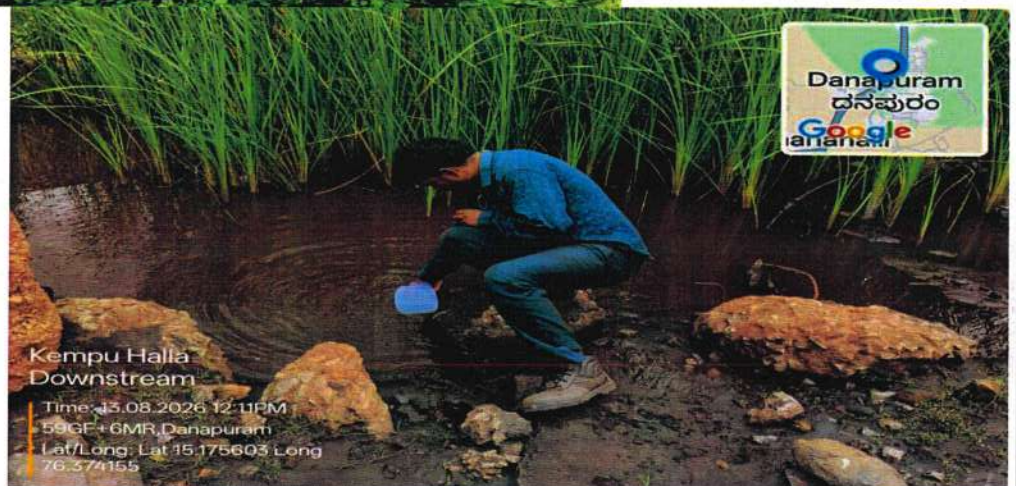
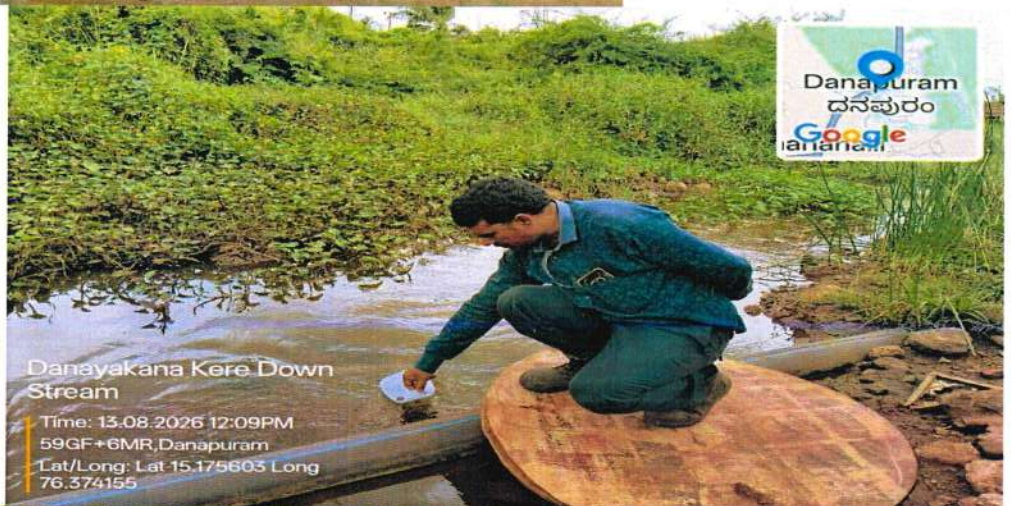
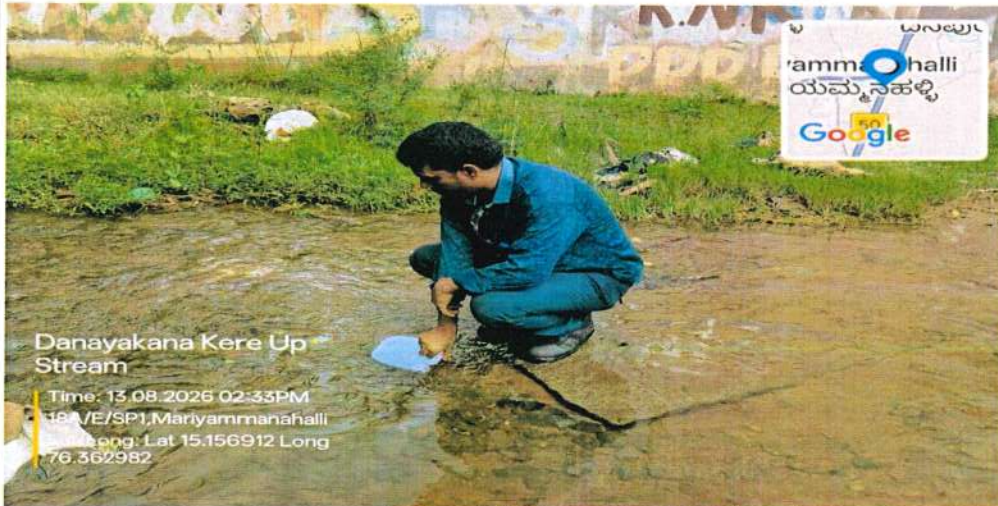
WATER SAMPLING LOCATIONS



WATER SAMPLING LOCATIONS



WATER SAMPLING LOCATIONS



STP WATER SAMPLING LOCATIONS

