

BMM Ispat Ltd.,

ENVIRONMENTAL MONITORING REPORT



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

JULY-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	EHF & 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 **JULY-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 42.31 ,10.34,13.02 & 14.51 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 50.77, 10.82, 11.25 & 12.91 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 49.25, 10.58, 14.46 & 15.94 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 41.81, 9.59, 15.08 & 16.40 $\mu\text{g}/\text{m}^3$ 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 41.04, 10.67, 8.81 & 10.51 $\mu\text{g}/\text{m}^3$ 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 42.95, 9.63, 7.40 & 9.41 $\mu\text{g}/\text{m}^3$ 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 90.34 $\mu\text{g}/\text{m}^3$, maximum value 1974.63 $\mu\text{g}/\text{m}^3$ and average value 939.66 $\mu\text{g}/\text{m}^3$. The Fugitive air quality 1st & 2nd Fortnight Results given in **Annexure-7 to Annexure-12**.

5.2 STACK MONITORING

Stack emission level was monitored all chimneys' PM values (mg/Nm^3) 1st and 2nd Fortnight Minimum Value 9.16 mg/Nm^3 , Maximum Value 43.19 mg/Nm^3 & Average Value 26.23 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 41.5 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 : JULY-2026
Location : A1-Danapur Village
Duration of Monitoring : 24 Hour
Report Issued Date : 03.08.2026
Report Number : ULR-TC1723126000000596F

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
06.07.2026	07.07.2026	1693	34.46	100	10.59	60	12.92	80	14.22	80
07.07.2026	08.07.2026	1709	38.62		11.10		10.42		14.39	
13.07.2026	14.07.2026	1769	51.31		10.66		15.55		16.63	
14.07.2026	15.07.2026	1784	45.80		11.14		11.42		13.74	
20.07.2026	21.07.2026	1845	46.22		8.57		10.83		12.67	
21.07.2026	22.07.2026	1860	48.70		11.68		15.16		15.31	
27.07.2026	28.07.2026	1922	37.13		7.83		11.74		12.94	
28.07.2026	29.07.2026	1935	36.25		11.15		16.11		16.19	
Average			42.31		10.34		13.02		14.51	

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 Manager

Note:

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ANNEXURE-01

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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 : JULY-2026
Location : A1-Danapur Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.08.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/515

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	06.07.2026	1693	<0.1	4.0
2	07.07.2026	1709	0.12	
3	13.07.2026	1769	<0.1	
4	14.07.2026	1784	<0.1	
5	20.07.2026	1845	0.12	
6	21.07.2026	1860	0.10	
7	27.07.2026	1922	0.12	
8	28.07.2026	1935	<0.1	

Note: CO - CO Analyzer Manual (1 Hour)

ND - Not Detected

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

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

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

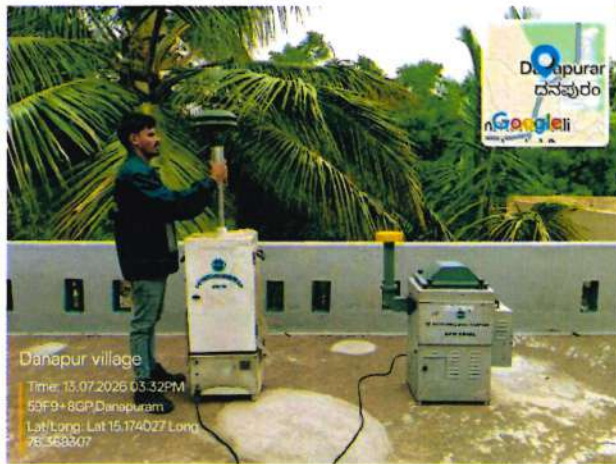
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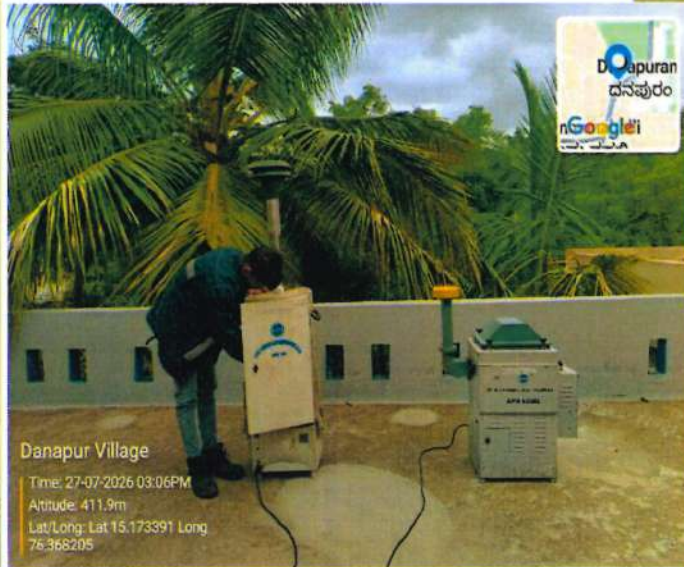
AMBIENT AIR QUALITY MONITORING STATION

Location : Danapur

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



AMBIENT AIR QUALITY MONITORING STATION
Location : Danapur
Address: T Kotresh S/o T Thyappa Vyasankere colony Danapur
Near VRM Hospital





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TC-17231

ANNEXURE-02

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

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 : JULY-2026
Location : A2-Mariyammanahalli Village
Duration of Monitoring : 24 Hour
Report Issued Date : 03.08.2026
Report Number : ULR-TC1723126000000597F

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
06.07.2026	07.07.2026	1694	56.51	100	13.31	60	11.82	80	12.68	80
07.07.2026	08.07.2026	1710	51.73		7.36		10.22		13.26	
15.07.2026	16.07.2026	1794	39.61		11.39		9.53		10.25	
16.07.2026	17.07.2026	1821	49.99		9.14		12.11		12.27	
20.07.2026	21.07.2026	1846	53.94		13.66		10.65		13.80	
21.07.2026	22.07.2026	1862	47.30		11.59		11.51		12.95	
29.07.2026	30.07.2026	1946	59.57		13.15		11.49		14.26	
30.07.2026	31.07.2026	1954	47.53		6.94		12.65		13.83	
Average			50.77		10.82		11.25		12.91	

SL NO	INSTRUMENT DETAILS		
1	Instrument Name	Respirable Dust Sampler (RDS)	Fine Particulate Sampler (FPS)
2	Make & Model	Envirotech Instrument/APM 460BL	ETCL/APM-173 MFC
3	Serial No	R.D.S. / 1575-DTC-2005	PM10/PM2.55 Sampler /52-2020
4	Calibration Date	08.09.2025	08.09.2025
5	Calibration Due Date	07.09.2026	07.09.2026

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-02
Format No: SKAEW/7.8/RF/C/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 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 : JULY-2026
Location : A2-Mariyammanahalli Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.08.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/524

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	06.07.2026	1694	0.10	4.0
2	07.07.2026	1710	0.14	
3	15.07.2026	1794	0.12	
4	16.07.2026	1821	0.10	
5	20.07.2026	1846	0.10	
6	21.07.2026	1861	0.12	
7	29.07.2026	1946	0.14	
8	30.07.2026	1954	0.10	

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

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

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

Location : Mariyammanna Halli

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



Location : Mariyamma Halli
Address: Maruthi G. S/o. Uppara Ramappa 6th ward Venkatapura Road ,MMHalli.





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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 : JULY-2026
Location : A3-Hanumanahalli Village
Duration of Monitoring : 24 Hour
Report Issued Date : 03.08.2026
Report Number : ULR-TC172312600000598F

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
06.07.2026	07.07.2026	1695	40.40	100	5.91	60	15.04	80	17.95	80
07.07.2026	08.07.2026	1711	48.05		7.27		9.30		11.19	
15.07.2026	16.07.2026	1795	57.40		8.96		14.92		15.92	
16.07.2026	17.07.2026	1822	51.56		11.84		13.74		13.82	
20.07.2026	21.07.2026	1847	42.67		15.24		15.60		18.85	
21.07.2026	22.07.2026	1862	55.51		7.45		17.97		18.54	
29.07.2026	30.07.2026	1947	47.70		13.81		14.03		15.37	
30.07.2026	31.07.2026	1955	50.70		14.12		15.08		15.84	
Average			49.25		10.58		14.46		15.94	

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****



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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 : JULY-2026
Location : A3-Hanumanahalli Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.08.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/422

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	06.07.2026	1695	0.10	4.0
2	07.07.2026	1711	0.16	
3	15.07.2026	1795	0.12	
4	16.07.2026	1822	0.12	
5	20.07.2026	1847	0.14	
6	21.07.2026	1862	0.12	
7	29.07.2026	1947	0.10	
8	30.07.2026	1955	0.12	

Note: CO - CO Analyzer Manual (1 Hour)

ND - Not Detected

SL NO	INSTRUMENT DETAILS	
1	Instrument Name	CO Gas Detector
2	Make & Model	UNIPHOS &-320(M)
3	Serial No	B190255
4	Calibration Date	28.01.2026
5	Calibration Due Date	27.01.2027
INFERENCE		
As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit		



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

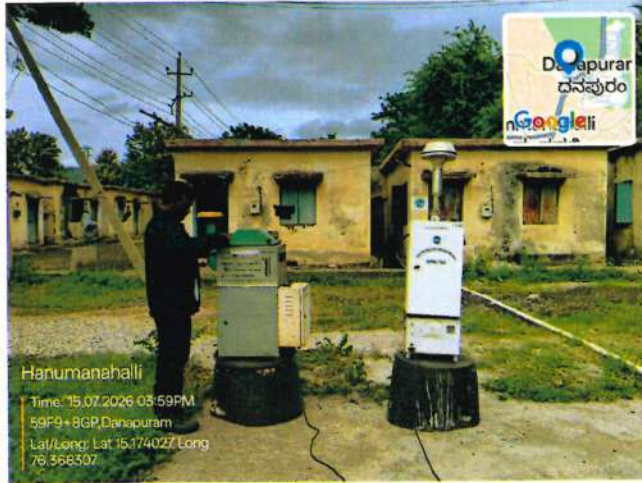
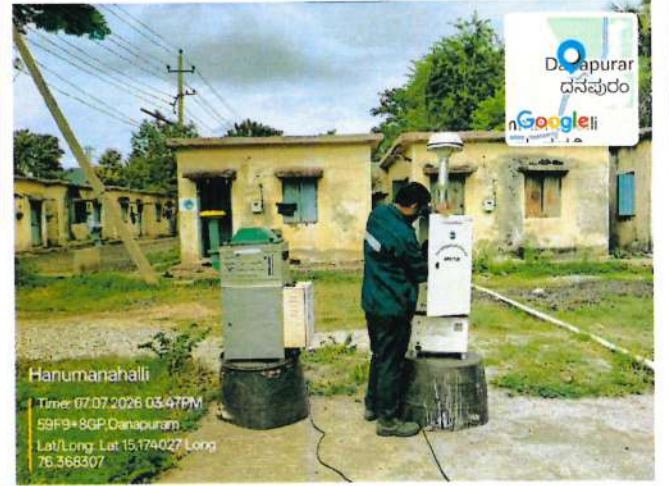
Note:

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

AMBIENT AIR QUALITY MONITORING STATION

Location: Hanumanahalli

Address: BMM OHC Hospital Hanumanahalli Near STP



AMBIENT AIR QUALITY MONITORING STATION
Location: 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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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 : JULY-2026
Location : A4-Galemmanagudi Village
Duration of Monitoring : 24 Hour
Report Issue Date : 03.08.2026
Report Number : ULR-TC1723126000000606F

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
08.07.2026	09.07.2026	1728	47.73	100	6.03	60	14.28	80	16.05	80
09.07.2026	10.07.2026	1736	42.52		8.53		11.88		12.06	
13.07.2026	14.07.2026	1770	34.52		13.88		14.65		17.22	
14.07.2026	15.07.2026	1785	43.26		8.67		13.16		13.70	
22.07.2026	23.07.2026	1877	39.61		9.43		17.96		17.57	
23.07.2026	24.07.2026	1886	39.19		12.64		15.55		17.10	
27.07.2026	28.07.2026	1923	42.69		10.07		15.79		18.85	
28.07.2026	29.07.2026	1936	44.91		7.50		17.35		18.66	
Average			41.81		9.59		15.08		16.40	

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

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

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

Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger



Note:

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

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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 : JULY-2026
Location : A4-Galemmanagudi Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.08.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/512

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	08.07.2026	1728	0.16	4.0
2	09.07.2026	1736	0.22	
3	13.07.2026	1770	0.10	
4	14.07.2026	1785	0.14	
5	22.07.2026	1877	0.12	
6	23.07.2026	1886	0.16	
7	27.07.2026	1923	0.10	
8	28.07.2026	1936	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.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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AMBIENT AIR QUALITY MONITORING STATION

Location: Galemmanagudi

Address: Jeevan Galemmanagudi Village near welcome board Hanumahalli post

Tq: Hospet Di: Vijayanagara

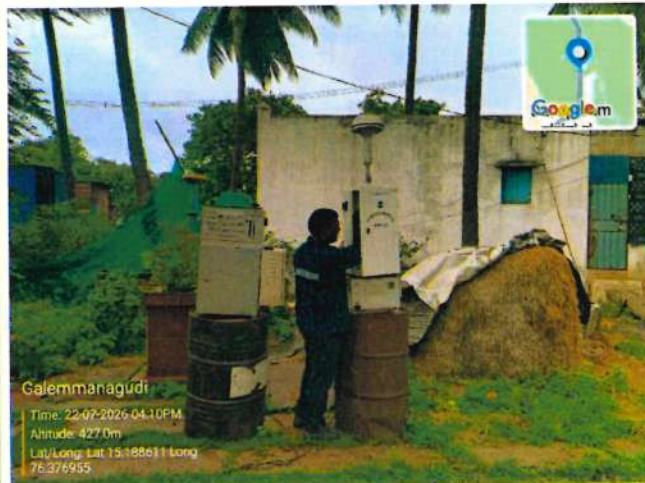


AMBIENT AIR QUALITY MONITORING STATION

Location: Galemmanagudi

Address: Jeevan Galemmanagudi Village near welcome board Hanumahalli post

Tq: Hospet Dt: Vijayanagara





SHRI KRISHNA AQUA ENGINEERING WORKS

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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 : JULY-2026
Location : A5-G Nagalapura Village
Duration of Monitoring : 24 Hour
Report Issue Date : 03.08.2026
Report Number : ULR-TC1723126000000600F

RESULTS

Parameters			PM10 [µg/m ³]		PM2.5 [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
06.07.2026	07.07.2026	1697	34.80	100	10.54	60	10.24	80	11.15	80
07.07.2026	08.07.2026	1712	30.69		6.99		8.09		11.74	
13.07.2026	14.07.2026	1771	42.56		10.39		6.61		8.54	
14.07.2026	15.07.2026	1783	44.30		13.77		9.83		10.51	
20.07.2026	21.07.2026	1848	49.86		6.24		8.59		10.03	
21.07.2026	22.07.2026	1863	40.98		13.45		10.56		12.03	
27.07.2026	28.07.2026	1924	45.84		13.51		6.61		7.95	
28.07.2026	29.07.2026	1937	39.28		10.50		9.97		12.14	
Average			41.04		10.67		8.81		10.51	

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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SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
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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 : JULY-2026
Location : A5- G Nagalapura Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.08.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/513

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	06.07.2026	1696	<0.01	4.0
2	07.07.2026	1712	<0.01	
3	13.07.2026	1771	<0.01	
4	14.07.2026	1783	<0.01	
5	20.07.2026	1848	<0.01	
6	21.07.2026	1863	<0.01	
7	27.07.2026	1924	<0.01	
8	28.07.2026	1937	<0.01	

Note: CO - CO Analyzer Manual (1 Hour)

ND - Not Detected

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
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AMBIENT AIR QUALITY MONITORING STATION

Location: Nagalapura Village

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



AMBIENT AIR QUALITY MONITORING STATION

Location: Nagalapura Village

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





SHRI KRISHNA AQUA ENGINEERING WORKS

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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 : JULY-2026
Location : A6-Gunda Tanda Village
Duration of Monitoring : 24 Hour
Report Issue Date : 03.08.2026
Report Number : ULR-TC1723126000000607F

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
08.07.2026	09.07.2026	1729	47.48	100	8.31	60	8.18	80	8.13	80
09.07.2026	10.07.2026	1735	44.22		12.51		5.69		9.42	
13.07.2026	14.07.2026	1772	40.70		6.87		8.58		10.77	
14.07.2026	15.07.2026	1786	41.78		10.88		4.87		8.11	
22.07.2026	23.07.2026	1876	39.22		10.69		6.65		7.22	
23.07.2026	24.07.2026	1887	32.62		7.66		9.63		13.07	
27.07.2026	28.07.2026	1925	55.74		13.31		9.00		10.04	
28.07.2026	29.07.2026	1936	41.80		6.80		6.60		8.54	
Average			42.95		9.63		7.40		9.41	

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. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

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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 : JULY-2026
Location : A6-Gunda Tanda Village
Duration of Monitoring : 1 Hour
Report Issued Date : 03.08.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/517

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	08.07.2026	1729	<0.01	4.0
2	09.07.2026	1735	<0.01	
3	13.07.2026	1772	<0.01	
4	14.07.2026	1786	<0.01	
5	22.07.2026	1876	<0.01	
6	23.07.2026	1887	<0.01	
7	27.07.2026	1925	<0.01	
8	28.07.2026	1938	<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 STATION

Location: BMM Quatre's
Gunda Thanda



AMBIENT AIR QUALITY MONITORING STATION

Location: BMM Quatre's
Gunda Thanda





SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
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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	:	03.08.2026
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	1719	07.07.2026	08.07.2026	1050.50	2000
2.	Iron Ore Screen	1720	07.07.2026	08.07.2026	452.15	2000
3.	Near Air Compressor	1721	07.07.2026	08.07.2026	444.65	2000
II. Pellet Plant-I						
4.	Near Pellet Plant	1722	07.07.2026	08.07.2026	1826.33	2000
5.	Annual Cooler Pellet Discharge bin	1723	07.07.2026	08.07.2026	1739.20	2000
6.	Pellet Stock Yard	1742	09.07.2026	10.07.2026	628.47	2000
III. Sponge Iron Division-1 (kiln 1 & 2)						
7.	Control Room SID-1	1755	10.07.2026	11.07.2026	1677.36	2000
8.	Near Product bin	1756	10.07.2026	11.07.2026	1925.22	2000
9.	Coal Feeding Area	1757	10.07.2026	11.07.2026	1174.76	2000
IV. Induction Furnace & Rolling Mill - 1						
10.	IF Office	1744	09.07.2026	10.07.2026	630.41	2000
11.	TMT Stock Yard	1745	09.07.2026	10.07.2026	804.45	2000
12.	RML Gasifier	1746	09.07.2026	10.07.2026	533.24	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	1758	10.07.2026	11.07.2026	794.08	2000
14.	25 MW ACC	1764	11.07.2026	11.07.2026	241.44	2000
VI. Site Services						
15.	PGP- coal handling system	1743	09.07.2026	10.07.2026	563.95	2000
16.	IF Slag Crusher	1759	10.07.2026	11.07.2026	716.46	2000
17.	Main Gate	1763	11.07.2026	11.07.2026	241.44	2000
18.	Fly ash Dump	1703	06.07.2026	07.07.2026	1248.46	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****

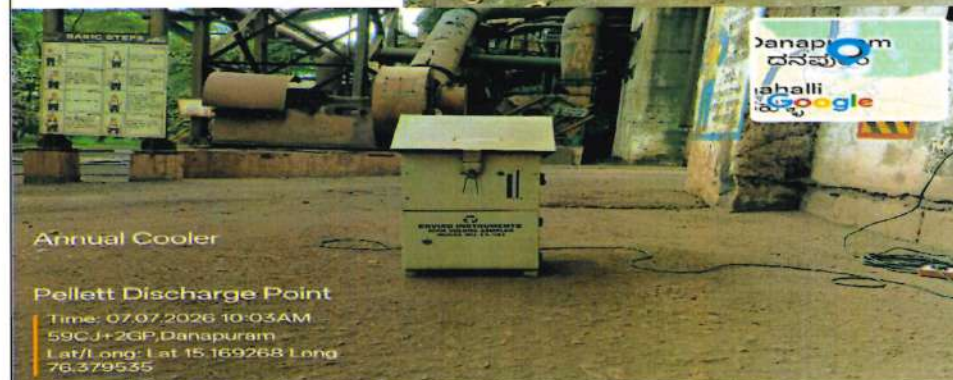
Reviewed & Authorized Signatory

R.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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FUGITIVE EMISSION MONITORING

ANNEXURE-7



FUGITIVE EMISSION MONITORING

ANNEXURE-7



IF slag Area

Time: 25.07.2026 10:10AM
599G+VV5,Danapuram
Lat/Long: Lat 15.169663 Long
76.577215



Main Gate

Time: 11.07.2026 09:31AM
59FF+768,Danapuram
Lat/Long: Lat 15.173167 Long
76.57509



Fly ash Dump

Time: 06.07.2026 11:12AM
Unnamed Road Unnamed
Road,Danapuram
Lat/Long: Lat 15.175529 Long
76.592983



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

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	:	03.08.2026
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	1896	23.07.2026	24.07.2026	1974.63	2000
2.	Iron Ore Screen	1897	23.07.2026	24.07.2026	134.84	2000
3.	Near Air Compressor	1898	23.07.2026	24.07.2026	396.54	2000
II. Pellet Plant-1						
4.	Near Pellet Plant	1899	23.07.2026	24.07.2026	1743.48	2000
5.	Annual Cooler Pellet Discharge bin	1900	23.07.2026	24.07.2026	1889.91	2000
6.	Pellet Stock Yard	1910	24.07.2026	25.07.2026	666.43	2000
III. Sponge Iron Division-1(kiln 1 & 2)						
7.	Control Room SID-1	1917	25.07.2026	25.07.2026	721.99	2000
8.	Near Product bin	1918	25.07.2026	25.07.2026	1156.01	2000
9.	Coal Feeding Area	1919	25.07.2026	25.07.2026	269.83	2000
IV. Induction Furnace & Rolling Mill						
10.	IF Office	1909	24.07.2026	25.07.2026	665.65	2000
11.	TMT Stock Yard	1908	24.07.2026	25.07.2026	1038.87	2000
12.	RML Gasifier	1907	24.07.2026	25.07.2026	932.97	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	1920	25.07.2026	25.07.2026	231.11	2000
14.	25 MW ACC	1929	27.07.2026	28.07.2026	327.67	2000
VI. Site Services						
15.	PGP- Coal handling system	1906	24.07.2026	25.07.2026	943.55	2000
16.	IF Slag Crusher	1921	25.07.2026	25.07.2026	441.83	2000
17.	Main Gate	1930	27.07.2026	28.07.2026	90.34	2000
18.	Fly ash Dump	1881	22.07.2026	23.07.2026	601.50	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



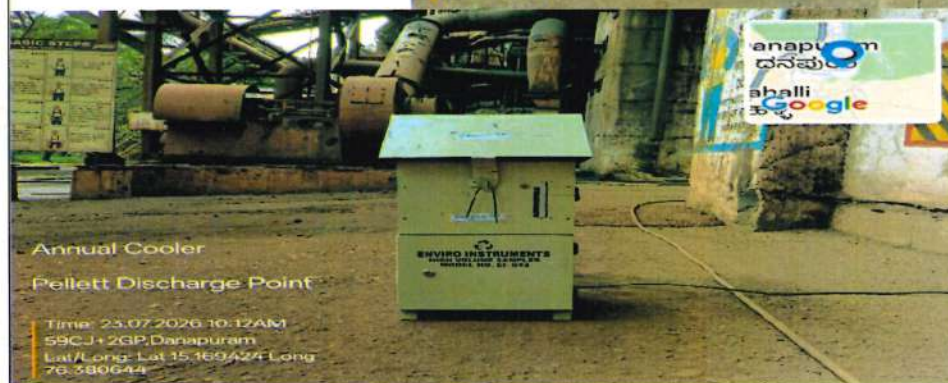
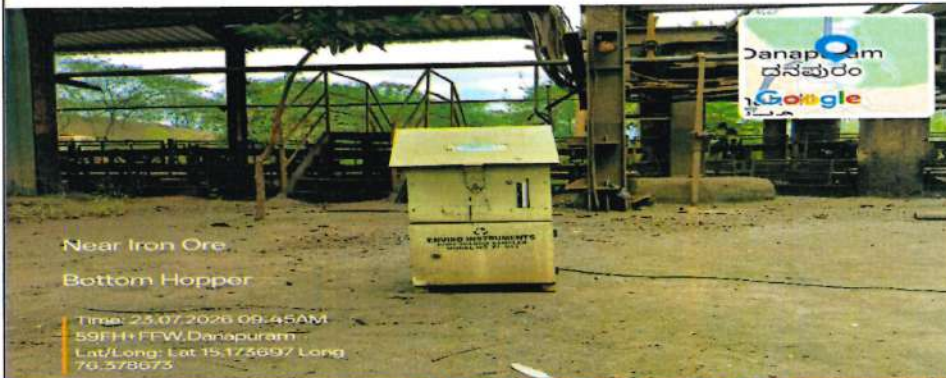
Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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FUGITIVE EMISSION MONITORING

ANNEXURE-8





FUGITIVE EMISSION MONITORING ANNEXURE-8



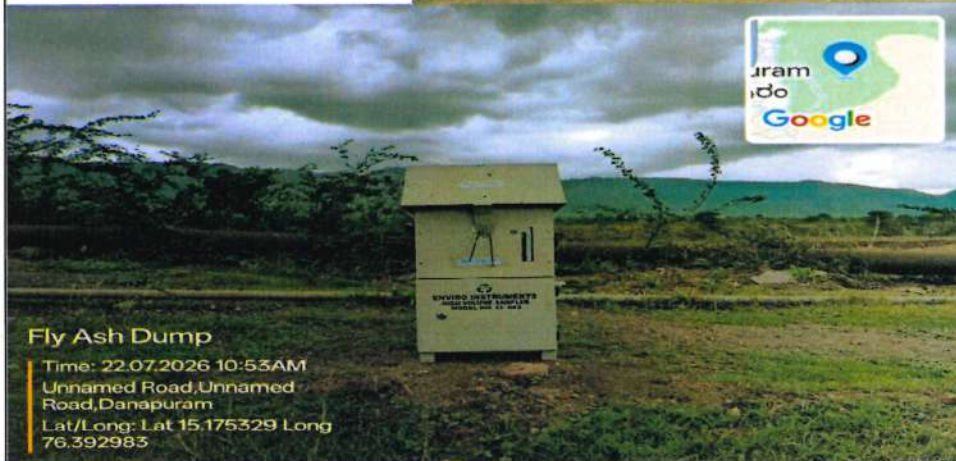
IF Slag Area

Time: 10.07.2026 10:01AM
599G+3QM, Danapuram
Lat/Long: Lat 15.167705 Long 76.376918



Main Gate

Time: 27.07.2026 09:53AM
59FG+28, Danapuram
Lat/Long: Lat 15.172618 Long 76.375643



Fly Ash Dump

Time: 22.07.2026 10:53AM
Unnamed Road, Unnamed Road, Danapuram
Lat/Long: Lat 15.175329 Long 76.392983



SHRI KRISHNA AQUA ENGINEERING WORKS

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

ANNEXURE-09

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 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	:	03.08.2026
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	1765	11.07.2026	11.07.2026	1286.38	2000
2.	Stock House	1766	11.07.2026	11.07.2026	1942.52	2000
3.	Gas Network Area	1767	11.07.2026	11.07.2026	946.00	2000
4.	Blower Area	1775	13.07.2026	14.07.2026	660.81	2000
5.	Gas Cleaning plant (GCP)	1776	13.07.2026	14.07.2026	657.01	2000
6.	Stove Area	1777	13.07.2026	14.07.2026	1068.30	2000
7.	Control ROOM (CR)	1778	13.07.2026	14.07.2026	384.62	2000
8.	Pig Casting Machine (PCM)	1787	14.07.2026	15.07.2026	327.56	2000
9.	Slag Granulation Plant (SGP)	1788	14.07.2026	15.07.2026	398.27	2000
10.	Cost House Area	1779	13.07.2026	14.07.2026	1034.29	2000
SMS Area						
1.	Stock House/Vibro Feeders	1789	14.07.2026	15.07.2026	1527.85	2000
2.	Ladle Tapping	1790	14.07.2026	15.07.2026	702.45	2000
3.	Slag pouring Area	1791	14.07.2026	15.07.2026	1512.66	2000
MBM						
1.	Near Re-Heating Furnace	1793	15.07.2026	16.07.2026	387.47	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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FUGITIVE EMISSION MONITORING

ANNEXURE-9





SHRI KRISHNA AQUA ENGINEERING WORKS

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

ANNEXURE-10

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 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	:	03.08.2026
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)	1651	01.07.2026	02.07.2026	131.74	2000
2.	Concentrate Thickner	1652	01.07.2026	02.07.2026	334.27	2000
3.	Near Cone Crusher	1653	01.07.2026	02.07.2026	1690.10	2000
II. Pellet Plant						
4.	PR-6	1654	01.07.2026	02.07.2026	650.96	2000
5.	Annual Cooler Pellet Discharge bin	1655	01.07.2026	02.07.2026	1826.83	2000
6.	Additive Grinding Building	1679	03.07.2026	04.07.2026	1857.12	2000
III. Sponge Iron Division -2 (Kiln 3 & 4)						
7.	Control room	1663	02.07.2026	03.07.2026	723.68	2000
8.	Near Weigh bridge (dispatch)	1664	02.07.2026	03.07.2026	1351.39	2000
9.	Transfer House area	1665	02.07.2026	03.07.2026	640.27	2000
10.	Production Separation Bin-PSB	1666	02.07.2026	03.07.2026	724.91	2000
11.	Pellet Storage bin	1667	02.07.2026	03.07.2026	467.02	2000
IV. Sponge Iron Division -3 (Kiln 5 & 6)						
12.	Near Control room	1676	03.07.2026	04.07.2026	1933.36	2000
13.	Near Product bin	1677	03.07.2026	04.07.2026	1742.22	2000
14.	Near Coal Crusher	1678	03.07.2026	04.07.2026	1852.62	2000
15.	Coal Dryer	1687	04.07.2026	04.07.2026	366.30	2000

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

SL NO	INSTRUMENT DETAILS	HVS-01	HVS-02	HVS-03	HVS-04	HVS-05
1	Instrument Name	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler	High Volume Sampler
2	Make &Model	Enviro 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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Additive Grinding Building

Time: 03.07.2026 08:57AM
599J+RMR,Danapuram
Lat/Long: Lat 15.169479 Long 76.38105



SID-2 Control room

Time: 02.07.2026 09:38AM
598J+V3,Danapuram
Lat/Long: Lat 15.167273 Long 76.380153



Near Weigh bridge (dispatch)

Time: 02.07.2026 10:14AM
599M+93,Danapuram
Lat/Long: Lat 15.168401 Long 76.382697



Transfer House area

Time: 02.07.2026 09:47AM
598J+V3,Danapuram
Lat/Long: Lat 15.167273 Long 76.380153



Production Separation Bin-PSB

Time: 02.07.2026 09:52AM
598J+V3,Danapuram
Lat/Long: Lat 15.167273 Long 76.380153

FUGITIVE EMISSION MONITORING

ANNEXURE-10





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	:	03.08.2026
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	1675	03.07.2026	04.07.2026	1746.33	2000
17.	Monsoon Shed (CPU)	1688	04.07.2026	04.07.2026	581.79	2000
18.	MCC Room (2 nd Gate)	1689	04.07.2026	04.07.2026	1349.52	2000
Power plant -70M						
19.	70MW-DM Plant (Near R.O. Plant)	1690	04.07.2026	04.07.2026	287.09	2000
20.	2 nd gateweigh bridge Near Coal Screen	1704	06.07.2026	07.07.2026	422.87	2000
21.	CFBC boiler	1691	04.07.2026	04.07.2026	277.69	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	1705	06.07.2026	07.07.2026	1404.90	2000
23.	Near Coal storage Shed	1706	06.07.2026	07.07.2026	1954.44	2000
24.	Dolochar Processing Area	1707	06.07.2026	07.07.2026	1972.56	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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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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SHRI KRISHNA AQUA ENGINEERING WORKS

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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	: JULY-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	: 03.08.2026
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)	1813	16.07.2026	17.07.2026	202.07	2000
2.	Concentrate Thickner	1814	16.07.2026	17.07.2026	699.08	2000
3.	Near Cone Crusher	1815	16.07.2026	17.07.2026	1439.70	2000
II. Pellet Plant-I						
4.	PR-6	1816	16.07.2026	17.07.2026	1053.25	2000
5.	Annual Cooler Pellet Discharge bin	1817	16.07.2026	17.07.2026	988.84	2000
6.	Additive Grinding Building	1859	20.07.2026	21.07.2026	1813.47	2000
III. Sponge Iron Division -2 (Kiln 3&4)						
7.	Control room	1833	18.07.2026	20.07.2026	335.74	2000
8.	Near Weigh bridge (dispatch)	1834	18.07.2026	20.07.2026	934.90	2000
9.	Transfer House area	1835	18.07.2026	20.07.2026	1512.00	2000
10.	Production Separation Bin-PSB	1836	18.07.2026	20.07.2026	1245.73	2000
11.	Pellet Storage bin	1837	18.07.2026	20.07.2026	769.93	2000
IV. Sponge Iron Division -2 (Kiln 5&6)						
12.	Near Control room	1856	20.07.2026	21.07.2026	1711.66	2000
13.	Near Coal Crusher	1858	20.07.2026	21.07.2026	1470.77	2000
14.	Near Product bin	1857	20.07.2026	21.07.2026	1842.52	2000
15.	Coal Drier	1870	21.07.2026	22.07.2026	230.07	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

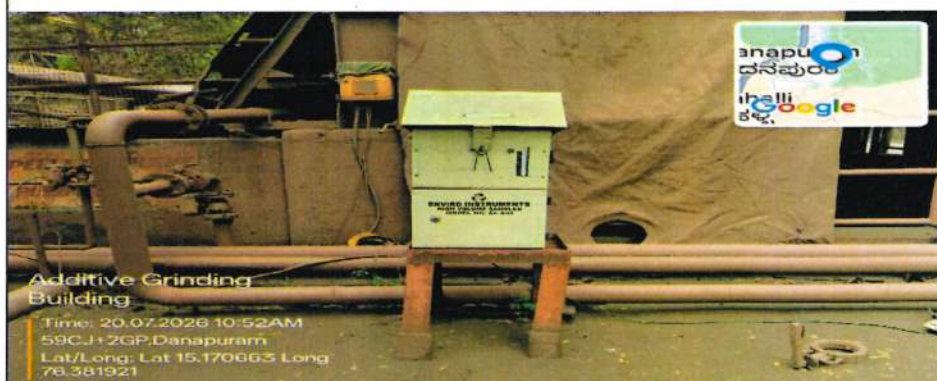
R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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Pellet Storage bin

Time: 18.07.2026 08:47AM
599M+93,Danapuram
Lat/Long: Lat 15.168401 Long 76.382697



SID-3 Near Control room

Time: 20.07.2026 10:12AM
59FG+28,Danapuram
Lat/Long: Lat 15.172618 Long 76.375643



SID-3 Near Product bin

Time: 20.07.2026 10:28AM
59FG+28,Danapuram
Lat/Long: Lat 15.172618 Long 76.375643



SID-3
Near Coal crusher

Time: 20.07.2026 10:33AM
59FG+28,Danapuram
Lat/Long: Lat 15.172618 Long 76.375643



Coal Dryer

Time: 21.07.2026 10:13AM
59GF+6MR,Danapuram
Lat/Long: Lat 15.175593 Long 76.374145



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	:	JULY-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	:	03.08.2026
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	1855	20.07.2026	21.07.2026	1521.21	2000
17.	Monsoon Shed (CPU)	1871	21.07.2026	22.07.2026	382.69	2000
18.	MCC Room (2 nd Gate)	1872	21.07.2026	22.07.2026	815.38	2000
VI. Power Plant-70 MW						
19.	70MW-DM Plant (Near R.O. Plant)	1873	21.07.2026	22.07.2026	259.67	2000
20.	2 nd gate weigh bridge Near Coal Screen	1885	22.07.2026	23.07.2026	355.39	2000
21.	CFBC boiler	1874	21.07.2026	22.07.2026	233.09	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	1882	22.07.2026	23.07.2026	1015.23	2000
23.	Near Coal storage Shed	1883	22.07.2026	23.07.2026	1633.36	2000
24.	CPP Dolochar Process Area	1884	22.07.2026	23.07.2026	305.73	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



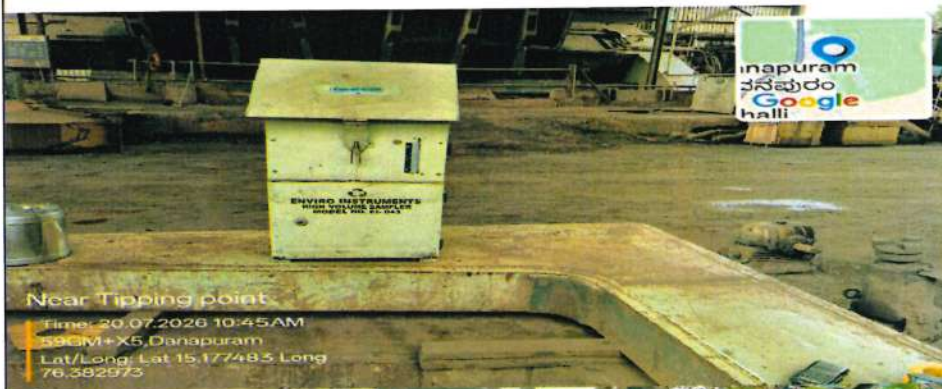
Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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Near Tipping point

Time: 20.07.2026 10:45AM
59GM+X5, Danapuram
Lat/Long: Lat 15.177483 Long
76.382973



Monsoon Shed (CPU)

Time: 21.07.2026 10:07AM
599G+VV9, Danapuram
Lat/Long: Lat 15.169863 Long
76.377215



MCC Room (2nd Gate)

Time: 21.07.2026 10:17AM
59GF+6MR, Danapuram
Lat/Long: Lat 15.175593 Long
76.374145



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

Time: 21.07.2026 09:43AM
59FG+28, Danapuram
Lat/Long: Lat 15.172618 Long
76.375643



2nd Gate weigh bridge (near Coal Screen)

Time: 22.07.2026 09:49AM
59FG+28, Danapuram
Lat/Long: Lat 15.172618 Long
76.375643





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	:	JULY-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	:	03.08.2026
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	1931	27.07.2026	28.07.2026	1531.99	2000
2.	Stock House	1932	27.07.2026	28.07.2026	1748.55	2000
3.	Gas Network Area	1933	27.07.2026	28.07.2026	462.40	2000
4.	Blower Area	1941	28.07.2026	29.07.2026	319.40	2000
5.	Gas Cleaning plant (GCP)	1942	28.07.2026	29.07.2026	699.22	2000
6.	Stove Area	1943	28.07.2026	29.07.2026	969.54	2000
7.	Control ROOM (CR)	1944	28.07.2026	29.07.2026	333.99	2000
8.	Pig Casting Machine (PCM)	1949	29.07.2026	30.07.2026	1716.33	2000
9.	Slag Granulation Plant (SGP)	1950	29.07.2026	30.07.2026	656.62	2000
10.	Cost House Area	1945	28.07.2026	29.07.2026	313.87	2000
SMS Area						
1.	Stock House/Vibro Feeders	1951	29.07.2026	30.07.2026	1091.30	2000
2.	Ladle Tapping	1952	29.07.2026	30.07.2026	587.71	2000
3.	Slag pouring Area	1953	29.07.2026	30.07.2026	1795.34	2000
MBM						
1.	Near Re-Heating Furnace	1956	30.07.2026	31.07.2026	198.99	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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FUGITIVE EMISSION MONITORING ANNEXURE-12



Stove Area

Time: 28.07.2026 09:36AM
598J+FF3,Danapuram
Lat/Long: Lat 15.160141 Long 76.381158



Control Room (CR)

Time: 28.07.2026 09:44AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long 76.381158



Pig Costing Machine (PCM)

Time: 29.07.2026 09:35AM
Unnamed Road, Unnamed Road,Danapuram
Lat/Long: Lat 15.163828 Long 76.378661



Slag Granulation Plant (SGP)

Time: 29.07.2026 09:27AM
599G+VV9,Danapuram
Lat/Long: Lat 15.169663 Long 76.577215



Cost House Area

Time: 28.07.2026 09:47AM
598J+FF3,Danapuram
Lat/Long: Lat 15.160141 Long 76.381158





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 ESP
10	Month of Sampling	:	JULY-2026
11	Date of Sample Received	:	07.07.2026 & 18.07.2026
12	Date of Sample Analysis	:	08.07.2026 & 19.07.2026
13	Date of Sample Analysis completion	:	08.07.2026 & 19.07.2026
14	Report Issued Date	:	03.08.2026
15	Report Number	:	ULR-TC1723126000000600F

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	
	Date of Sample Collected			06.07.2026	17.07.2026	
	Sample Code			1697	1827	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	59	58	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.23	6.11	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	27.06	30.53	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	179	158	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.034	0.039	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 ESP
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 07.07.2026 & 18.07.2026
12	Date of Sample Analysis	: 08.07.2026 & 19.07.2026
13	Date of Sample Analysis completion	: 08.07.2026 & 19.07.2026
14	Report Issued Date	: 03.08.2026
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	
	Date of Sample Collected			06.07.2026	17.07.2026	
	Sample Code			1697	1827	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	31	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	35	31	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	270995	300892	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	299461	334565	-

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-1 ESP





SHRI KRISHNA AQUA ENGINEERING WORKS

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TC-17231

ANNEXURE-14

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 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	: 2X100 TPD Sponge iron plant Kiln 1 & 2
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 02.07.2026 & 22.07.2026
12	Date of Sample Analysis	: 03.07.2026 & 23.07.2026
13	Date of Sample Analysis completion	: 03.07.2026 & 23.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: ULR-TC1723126000000586F

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	
	Date of Sample Collected			01.07.2026	21.07.2026	
	Sample Code			1647	1864	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	^o C	171	168	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.10	6.33	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	18.94	15.58	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	384	419	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.191	0.231	1

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
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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	: 2X100 TPD Sponge iron plant Kiln 1 & 2
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 02.07.2026 & 22.07.2026
12	Date of Sample Analysis	: 03.07.2026 & 23.07.2026
13	Date of Sample Analysis completion	: 03.07.2026 & 23.07.2026
14	Report Issued Date	: 03.08.2026
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	
				01.07.2026	21.07.2026	
	Date of Sample Collected					
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	1647	1864	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	29	31	-
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	71	62	NS
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	47784	48266	-
				70921	71559	-

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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2. Samples are Retained for 15 days after issue of test reports.
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STACK EMISSION LOCATIONS
2X100 TPD Sponge iron plant Kiln 1 & 2





SHRI KRISHNA AQUA ENGINEERING WORKS

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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	: JULY-2026 (1st Fort Night)-
10	Date of Sample Received	: -
11	Date of Sample Analysis	: -
12	Date of Sample Analysis completion	: -
13	Report Issued Date	: 03.08.2026
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	-	-	30	1.2	-	150
2	Induction Furnace 2	Shutdown	-	Power	-	-	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.
3. (*) Details as Furnished by Customer.
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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	:	JULY-2026 (1st Fort Night)
10	Date of Sample Received	:	-
11	Date of Sample Analysis	:	-
12	Date of Sample Analysis completion	:	-
13	Report Issued Date	:	03.08.2026
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.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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	:	JULY-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	03.08.2026
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. H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
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- 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	:	JULY-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	03.08.2026
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	:	JULY-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	03.08.2026
15	Report Number	:	-

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				-	-	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	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	: JULY-2026
11	Date of Sample Received	: -
12	Date of Sample Analysis	: -
13	Date of Sample Analysis completion	: -
14	Report Issued Date	: 03.08.2026
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			-	-	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	SHUT DOWN	SHUT DOWN	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³			NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr			-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr			-

Note: NS- Not Specified. RA: Reaffirmed,

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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TC-17231

ANNEXURE-18

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 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	:	JULY-2026 (1st Fort Night)
10	Date of Sample Received	:	11.07.2026
11	Date of Sample Analysis	:	13.07.2026
12	Date of Sample Analysis completion	:	13.07.2026
13	Report Issued Date	:	03.08.2026
14	Report Number	:	ULR-TC1723126000000613F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant -I										
1	Iron Ore dump hopper	10.07.2026	1748	-	34	5.03	30	0.4	14.84	50
2	Iron Ore Screen bin	10.07.2026	1749	-	35	4.98	30	0.4	12.40	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore dump hopper	2275	-
2	Iron Ore Screen bin	2254	-

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-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	:	JULY-2026 (1st Fort Night)
10	Date of Sample Received	:	11.07.2026
11	Date of Sample Analysis	:	13.07.2026
12	Date of Sample Analysis completion	:	13.07.2026
13	Report Issued Date	:	03.08.2026
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 dump hopper	10.07.2026	1748	31	2197	-
2	Iron Ore Screen bin	10.07.2026	1749	32	2169	-

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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- 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-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	: JULY-2026 (1st Fort Night)
10	Date of Sample Received	: 13.07.2026 & 14.07.2026
11	Date of Sample Analysis	: 14.07.2026 & 15.07.2026
12	Date of Sample Analysis completion	: 14.07.2026 & 15.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000621F

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)	13.07.2026	1774	-	38	4.86	35	1.5	32.94	50
4	Main Crusher	11.07.2026	1762	-	36	4.65	25	0.5	11.60	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	30905	-
4	Main Crusher	3285	-

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:

- 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-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	: JULY-2026 (1st Fort Night)
10	Date of Sample Received	: 13.07.2026 & 14.07.2026
11	Date of Sample Analysis	: 14.07.2026 & 15.07.2026
12	Date of Sample Analysis completion	: 14.07.2026 & 15.07.2026
13	Report Issued Date	: 03.08.2026
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)	13.07.2026	1774	32	29520	-
4	Main Crusher	11.07.2026	1762	33	3183	-

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	:	JULY-2026 (1st Fort Night)
10	Date of Sample Received	:	09.07.2026 & 10.07.2026
11	Date of Sample Analysis	:	10.07.2026 & 11.07.2026
12	Date of Sample Analysis completion	:	10.07.2026 & 11.07.2026
13	Report Issued Date	:	03.08.2026
14	Report Number	:	ULR-TC1723126000000605F

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	08.07.2026	1725	-	32	4.79	6.5	0.50	20.02	50
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	08.07.2026	1726	-	34	4.93	3.0	0.30	17.41	50
7	Bentonite Powder bin top bag filter	08.07.2026	1727	-	35	5.09	3.0	0.30	22.68	50
8	H-4 Conveyor discharge bag filter	Shutdown	-	-	-	-	7.0	0.50	-	50
9	P-1 Bag Filter	09.07.2026	1734	-	37	5.01	7.0	0.50	32.41	50

Sl. No	Pellet Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
5	AGB Main Bag Filter	3386	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	1254	-
7	Bentonite Powder bin top bag filter	1295	-
8	H-4 Conveyor discharge bag filter	-	-
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 Manger

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	:	JULY-2026 (1st Fort Night)
10	Date of Sample Received	:	09.07.2026 & 10.07.2026
11	Date of Sample Analysis	:	10.07.2026 & 11.07.2026
12	Date of Sample Analysis completion	:	10.07.2026 & 11.07.2026
13	Report Issued Date	:	03.08.2026
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	08.07.2026	1725	28	3306	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	08.07.2026	1726	31	1213	-
7	Bentonite Powder bin top bag filter	08.07.2026	1727	31	1248	-
8	H-4 Conveyor discharge bag filter	Shutdown	-	-	-	-
9	P-1 Bag Filter	09.07.2026	1734	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	: JULY-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	: 03.08.2026
14	Report Number	: ULR-TC1723126000000585F

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	01.07.2026	1644	---	33	4.82	30	1.20	27.46	50
11	Cooler-2 Discharge	01.07.2026	1645	---	34	5.02	30	1.20	30.36	50
12	Intermediate Bin & Blending	01.07.2026	1646	---	33	4.70	30	1.20	23.13	50
13	Product House	02.07.2026	1657	---	34	4.78	30	1.20	33.56	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	19627	-
11	Cooler-2 Discharge	20432	-
12	Intermediate Bin & Blending	19120	-
13	Product House	19476	-

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

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 : JULY-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 : 03.08.2026
- 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	01.07.2026	1644	29	19036	-
11	Cooler-2 Discharge	01.07.2026	1645	30	19705	-
12	Intermediate Bin & Blending	01.07.2026	1646	30	18493	-
13	Product House	02.07.2026	1657	29	18846	-

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.
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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	:	JULY-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	:	03.08.2026
14	Report Number	:	ULR-TC1723126000000451F

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:

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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	:	JULY-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	:	03.08.2026
14	Report Number	:	SKAEW/BMMIL/STACK /2026-27/451

Sl. No	Induction Furnace 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow Discharge rate at NTP Nm 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

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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	: JULY-2026 (2nd Fort Night)
10	Date of Sample Received	: 29.07.2026
11	Date of Sample Analysis	: 30.07.2026
12	Date of Sample Analysis completion	: 30.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000676F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant										
1	Iron Ore dump hopper	28.07.2026	1939	---	32	4.83	30	0.4	13.91	50
2	Iron Ore Screen bin	28.07.2026	1940	---	34	4.62	30	0.4	16.70	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore dump hopper	2184	-
2	Iron Ore Screen bin	2092	-

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

End of the Report



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
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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	: JULY-2026 (2nd Fort Night)
10	Date of Sample Received	: 29.07.2026
11	Date of Sample Analysis	: 30.07.2026
12	Date of Sample Analysis completion	: 30.07.2026
13	Report Issued Date	: 03.08.2026
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 dump hopper	28.07.2026	1939	29	2125	-
2	Iron Ore Screen bin	28.07.2026	1940	30	2021	-

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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- Samples are Retained for 15 days after issue of test reports.
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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 : JULY-2026 (2nd Fort Night)
- 10 Date of Sample Received : 21.07.2026
- 11 Date of Sample Analysis : 22.07.2026
- 12 Date of Sample Analysis completion : 22.07.2026
- 13 Report Issued Date : 03.08.2026
- 14 Report Number : ULR-TC1723126000000647F

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)	20.07.2026	1850	-	39	4.98	30	1.50	30.27	50
4	Main Crusher	20.07.2026	1851	-	35	4.48	25	0.50	12.69	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	31697	-
4	Main Crusher	3166	-

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-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	:	JULY-2026 (2nd Fort Night)
10	Date of Sample Received	:	21.07.2026
11	Date of Sample Analysis	:	22.07.2026
12	Date of Sample Analysis completion	:	22.07.2026
13	Report Issued Date	:	03.08.2026
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)	20.07.2026	1850	30	30159	
4	Main Crusher	20.07.2026	1851	31	3048	-

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-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	: JULY-2026 (2nd Fort Night)
10	Date of Sample Received	: 18.07.2026 & 20.07.2026
11	Date of Sample Analysis	: 19.07.2026 & 21.07.2026
12	Date of Sample Analysis completion	: 19.07.2026 & 21.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000644F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-I										
5	AGB Main Bag Filter	17.07.2026	1828	---	33	4.90	6.5	0.50	22.33	50
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	17.07.2026	1829	---	34	4.80	3.0	0.30	17.88	50
7	Bentonite Powder bin top bag filter	17.07.2026	1830	---	33	4.69	3.0	0.30	20.22	50
8	H-4 Conveyor discharge bag filter	18.07.2026	1838	---	34	5.01	7.0	0.50	14.92	50
9	P-1 Bag Filter	18.07.2026	1839	---	38	5.06	7.0	0.50	28.32	50

Sl. No	Pellet Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
5	AGB Main Bag Filter	3464	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	1221	-
7	Bentonite Powder bin top bag filter	1194	-
8	H-4 Conveyor discharge bag filter	3539	-
9	P-1 Bag Filter	3576	-

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

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

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ANNEXURE-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	: JULY-2026 (2nd Fort Night)
10	Date of Sample Received	: 18.07.2026 & 20.07.2026
11	Date of Sample Analysis	: 19.07.2026 & 21.07.2026
12	Date of Sample Analysis completion	: 19.07.2026 & 21.07.2026
13	Report Issued Date	: 03.08.2026
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	AGB Main Bag Filter	17.07.2026	1828	29	3368	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	17.07.2026	1829	30	1181	-
7	Bentonite Powder bin top bag filter	17.07.2026	1830	29	1157	-
8	H-4 Conveyor discharge bag filter	18.07.2026	1838	29	3428	-
9	P-1 Bag Filter	18.07.2026	1839	30	3413	-

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

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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	: JULY-2026 (2nd Fort Night)
10	Date of Sample Received	: 27.07.2026
11	Date of Sample Analysis	: 28.07.2026
12	Date of Sample Analysis completion	: 28.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000672F

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/N m ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 100 TPD Sponge Iron Kiln 1 & 2										
10	Cooler-1 Discharge & Blending Chute	25.07.2026	1911	---	32	4.57	30	1.20	23.34	50
11	Cooler-2 Discharge	25.07.2026	1912	---	33	4.87	30	1.20	20.50	50
12	Intermediate Bin & Blending	25.07.2026	1913	---	34	4.79	30	1.20	24.82	50
13	Product House	25.07.2026	1914	---	35	4.70	30	1.20	28.01	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	18595	-
11	Cooler-2 Discharge	19828	-
12	Intermediate Bin & Blending	19517	-
13	Product House	19133	-

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	:	JULY-2026 (2nd Fort Night)
10	Date of Sample Received	:	27.07.2026
11	Date of Sample Analysis	:	28.07.2026
12	Date of Sample Analysis completion	:	28.07.2026
13	Report Issued Date	:	03.08.2026
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-1 Discharge & Blending Chute	25.07.2026	1911	27	18060	-
11	Cooler-2 Discharge	25.07.2026	1912	28	19185	-
12	Intermediate Bin & Blending	25.07.2026	1913	29	18805	-
13	Product House	25.07.2026	1914	30	18368	-

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

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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 ESP
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 08.07.2026
12	Date of Sample Analysis	: 09.07.2026
13	Date Sample Analysis Completion	: 09.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: ULR-TC1723126000000602F

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	Permissi Limit
				1 st Fort Night	
				07.07.2026	
				1713	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	63	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.64	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	31.53	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	182.0	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.029	1%

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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 ESP
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 08.07.2026
12	Date of Sample Analysis	: 09.07.2026
13	Date Sample Analysis Completion	: 09.07.2026
14	Report Issued Date	: 03.08.2026
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	
				07.07.2026	
				1713	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	91.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	273709	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	308896	-

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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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 ESP
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 17.07.2026
12	Date of Sample Analysis	: 18.07.2026
13	Date Sample Analysis Completion	: 18.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: ULR-TC1723126000000641F

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	
				16.07.2026	
				1823	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	61.0	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.39	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	28.67	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	447.0	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.081	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-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 ESP
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 17.07.2026
12	Date of Sample Analysis	: 18.07.2026
13	Date Sample Analysis Completion	: 18.07.2026
14	Report Issued Date	: 03.08.2026
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	
				16.07.2026	
				1823	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	28.0	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	71.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	349738	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	310851	-

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

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



Reviewed & Authorized Signatory

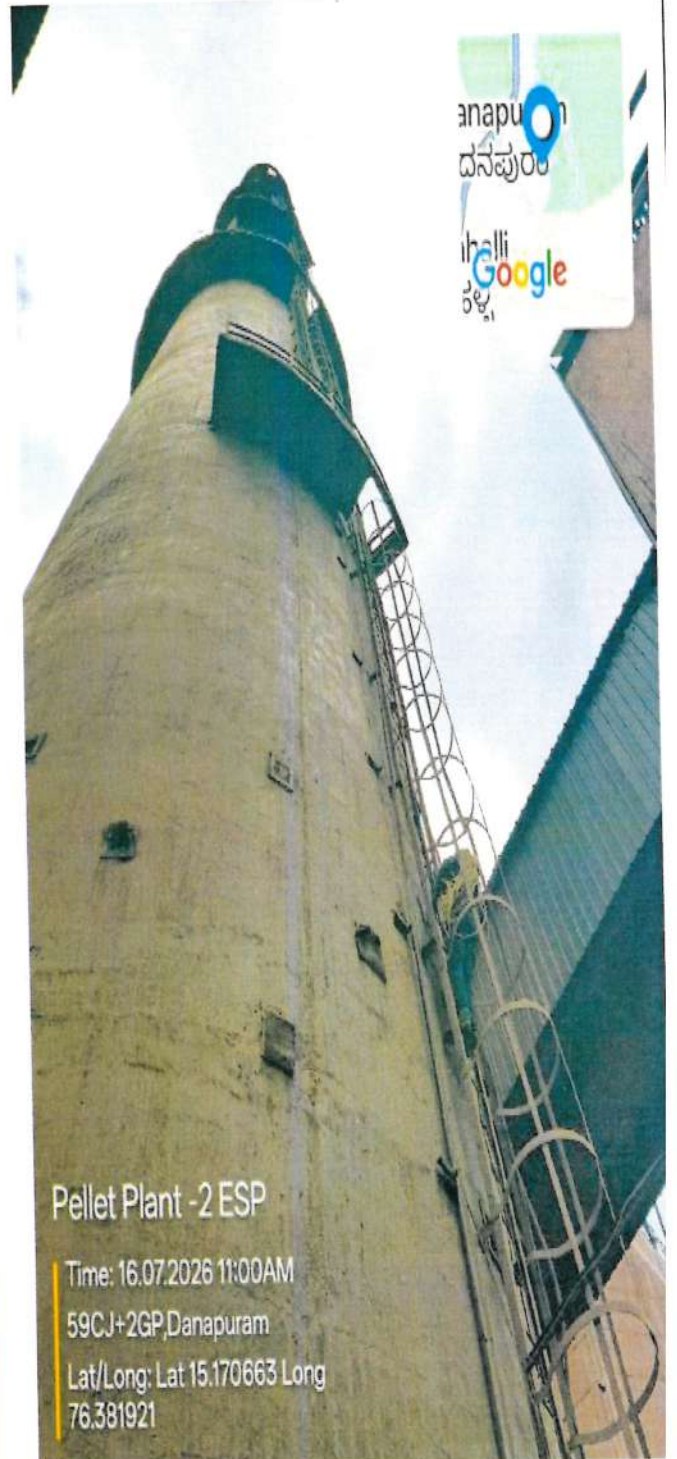
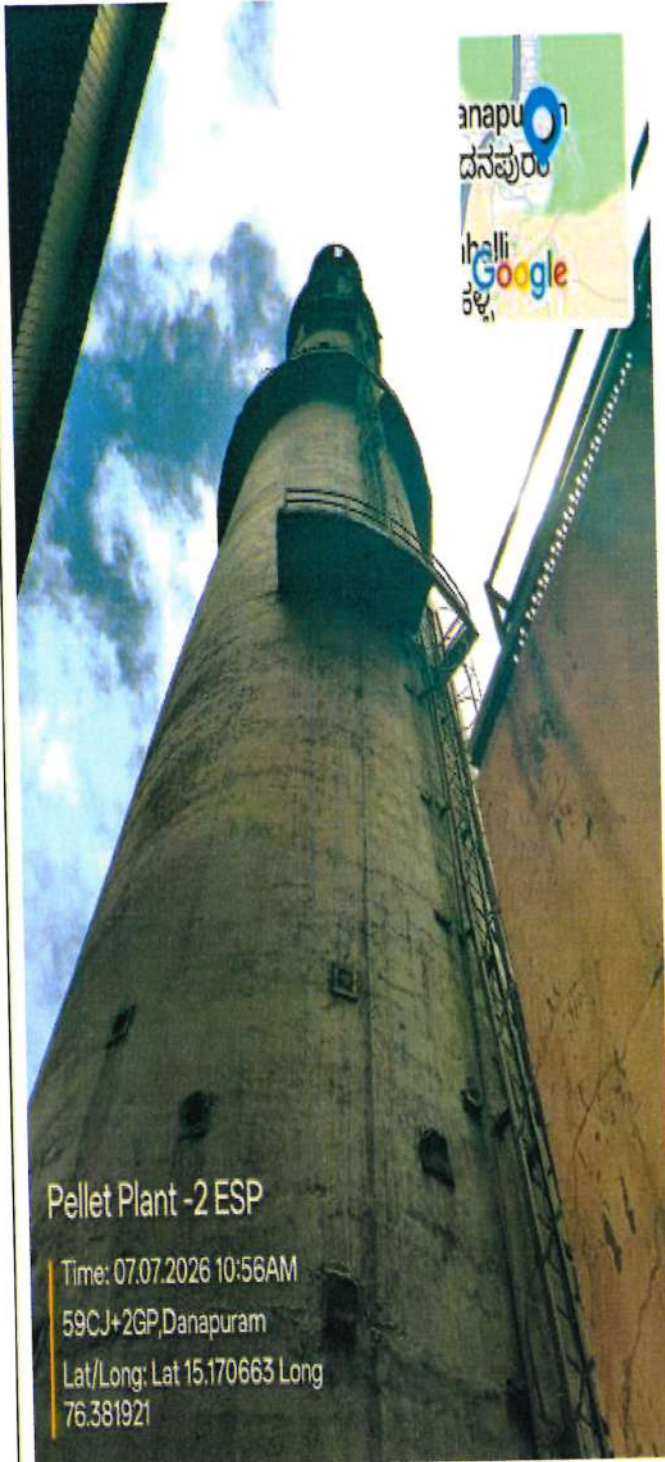
R.M. Bengeri

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	:	SID Axis 3&4
10	Month of Sampling	:	JULY-2026
11	Date of Sample Received	:	04.07.2026 & 20.07.2026
12	Date of Sample Analysis	:	05.07.2026 & 21.07.2026
13	Date Sample Analysis Completion	:	05.07.2026 & 21.07.2026
14	Report Issued Date	:	03.08.2026
15	Report Number	:	ULR-TC1723126000000592F

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		Permissi Limit
				1 st Fort Night	2 nd Fort Night	
	Date of Sample Collected			03.07.2026	18.07.2026	
	Sample Code			1672	1840	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	127	125	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.61	6.82	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	30.02	31.99	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	529	447	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.206	0.081	1%

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
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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	: SID Axis 3&4
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 04.07.2026 & 20.07.2026
12	Date of Sample Analysis	: 05.07.2026 & 21.07.2026
13	Date Sample Analysis Completion	: 05.07.2026 & 21.07.2026
14	Report Issued Date	: 03.08.2026
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	
				03.07.2026	18.07.2026	
	Date of Sample Collected			1680	1840	
	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	69.0	58.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	125192	129802	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	168197	173611	-

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

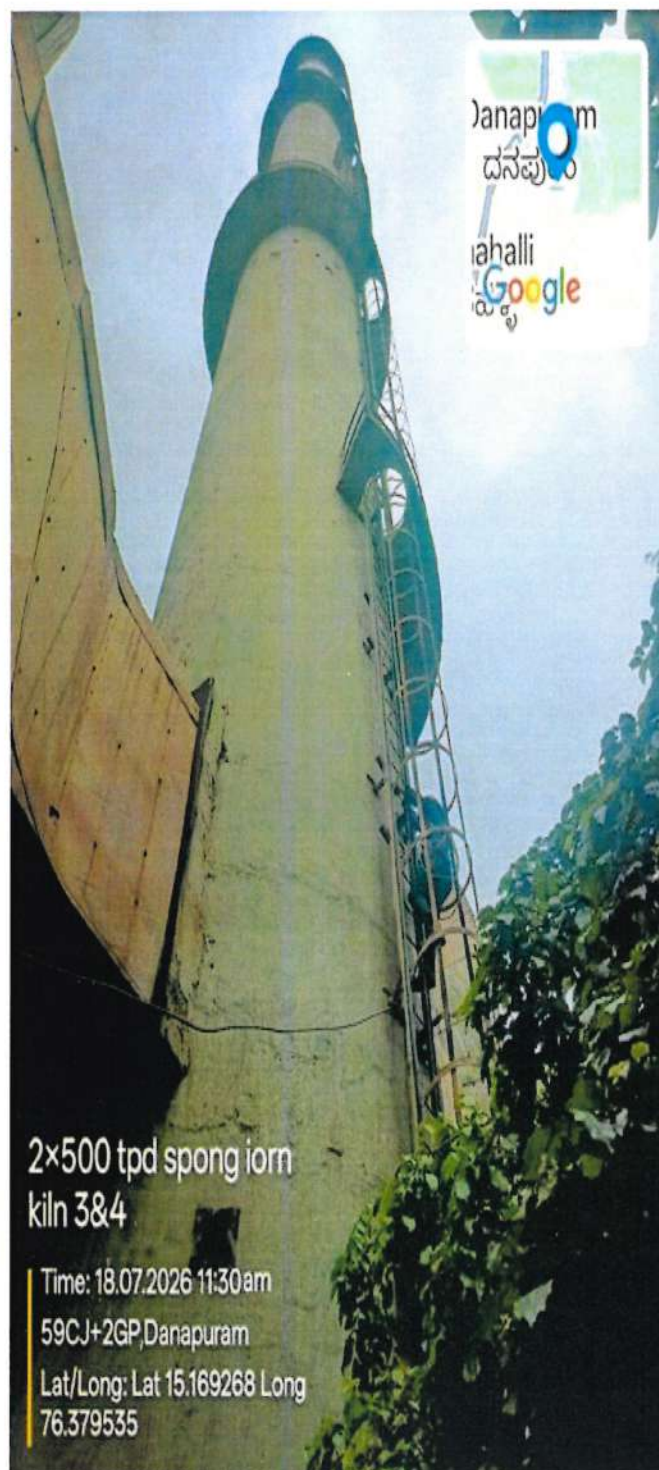
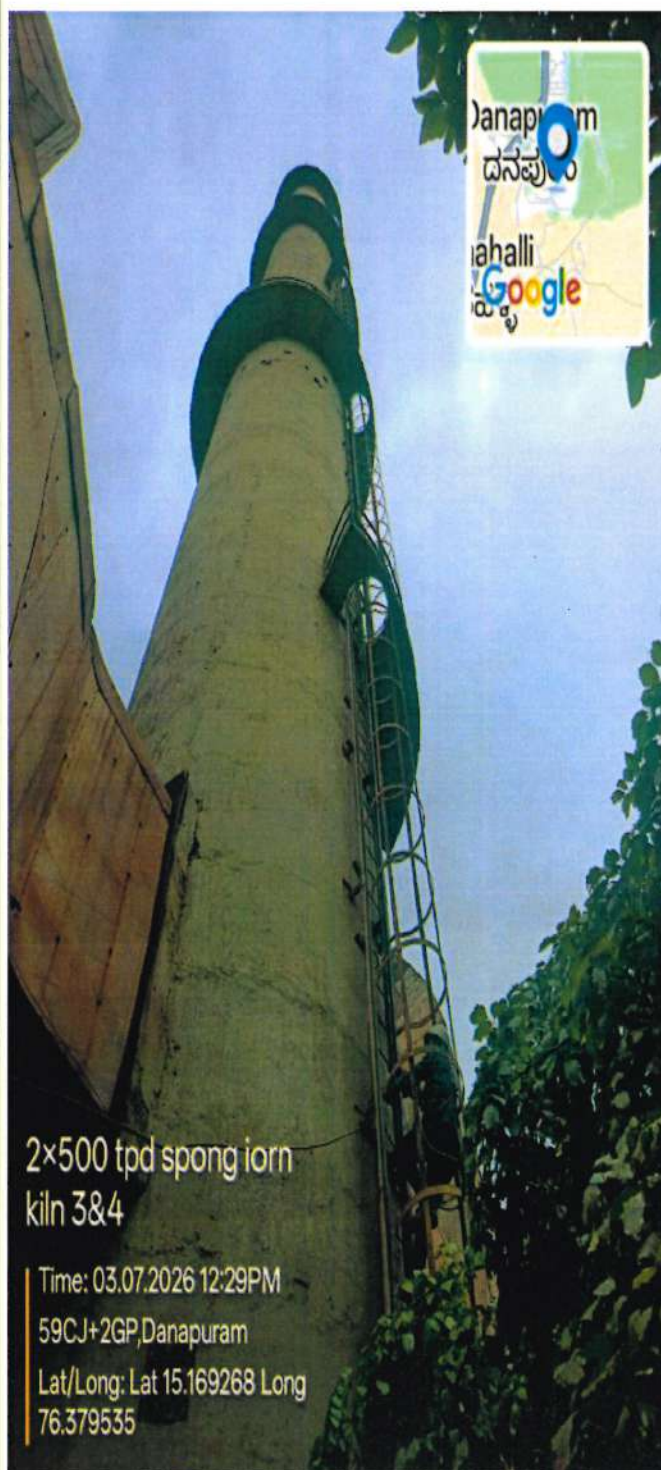
Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS

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	: SID Axis 5&6
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 06.07.2026 & 21.07.2026
12	Date of Sample Analysis	: 07.07.2026 & 22.07.2026
13	Date Sample Analysis Completion	: 07.07.2026 & 22.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: ULR-TC1723126000000594F

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				04.07.2026	20.07.2026	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	1680	1849	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	132	130	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	32.45	30.55	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	529	419	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.206	0.231	1%

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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-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	: SID Axis 5&6
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 06.07.2026 & 21.07.2026
12	Date of Sample Analysis	: 07.07.2026 & 22.07.2026
13	Date Sample Analysis Completion	: 07.07.2026 & 22.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/528

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		Permissit Limit
				1 st Fort Night	2 nd Fort Night	
				04.07.2026	20.07.2026	
	Date of Sample Collected			1680	1849	
	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	69	62	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	116448	137474	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	158364	186109	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS

SID Axis 5&6





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TC-1723

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	: 1X70 MW-CFBC Boiler ESP
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 03.07.2026
12	Date of Sample Analysis	: 04.07.2026
13	Date Sample Analysis Completion	: 04.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: ULR-TC1723126000000590F

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		Permis: Lim
	Date of Sample Collected			1 st Fort Night	2 nd Fort Night	
	Sample Code			02.07.2026	-	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	118	Shutdown	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.04		-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	35.36		50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	32.0		600
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.098		NS

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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- (*) Details as Furnished by Customer.
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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	: 1X70 MW-CFBC Boiler ESP
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 03.07.2026
12	Date of Sample Analysis	: 04.07.2026
13	Date Sample Analysis Completion	: 04.07.2026
14	Report Issued Date	: 03.08.2026
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

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				02.07.2026		
	Date of Sample Collected			1656		
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	29	Shutdown	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	184		NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	116976		-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	153846		-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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	: 2X70 MW CFBC Boiler ESP
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 09.07.2026 & 23.07.2026
12	Date of Sample Analysis	: 10.07.2026 & 24.07.2026
13	Date Sample Analysis Completion	: 10.07.2026 & 24.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: ULR-TC1723126000000608F

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			08.07.2026	22.07.2026	
	Sample Code			1730	1875	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	121	124	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.52	7.44	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	39.34	42.21	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	39	49.0	600
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.054	0.041	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

Note:

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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	: 2X70 MW CFBC Boiler ESP
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 09.07.2026 & 23.07.2026
12	Date of Sample Analysis	: 10.07.2026 & 24.07.2026
13	Date Sample Analysis Completion	: 10.07.2026 & 24.07.2026
14	Report Issued Date	: 03.08.2026
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	
				08.07.2026	22.07.2026	
	Date of Sample Collected			1730	1875	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	28	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	241	268	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	1028674	1010122	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	1360238	1346408	-

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

End of the Report



Reviewed & Authorized Signatory

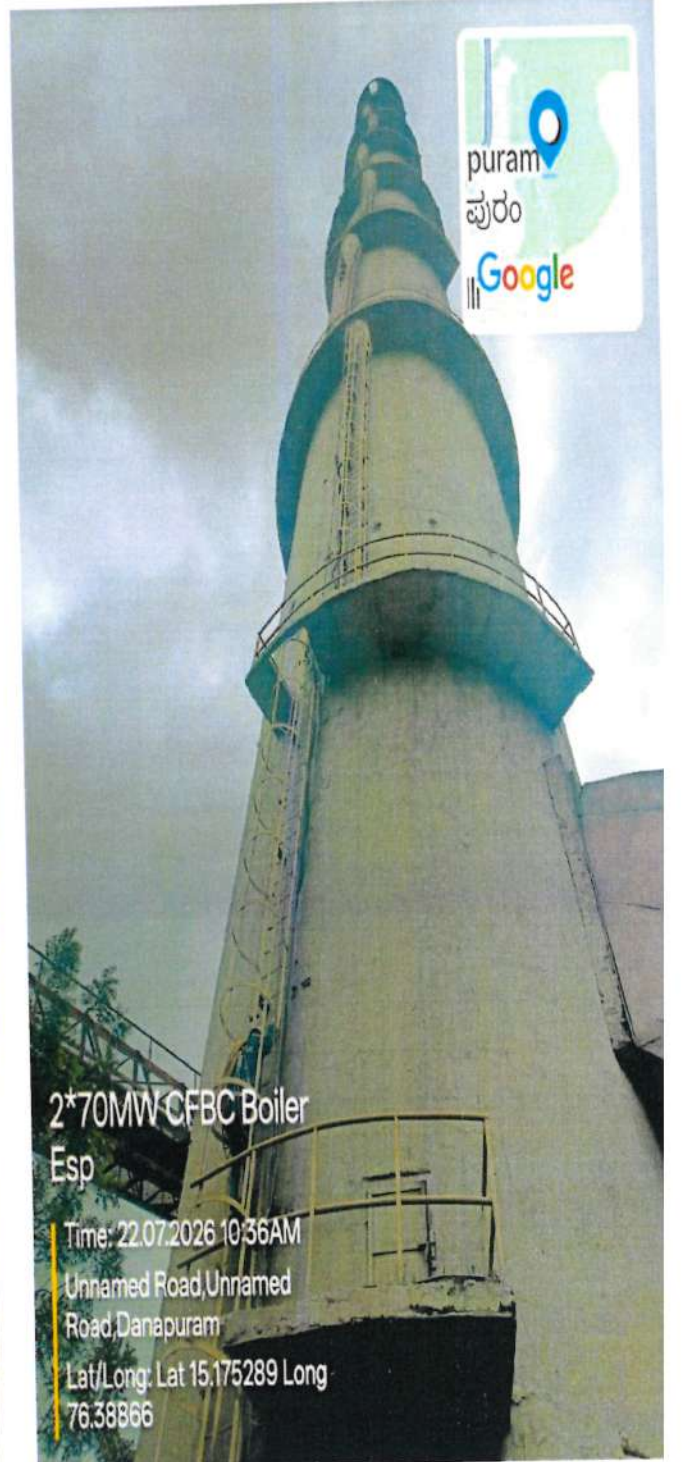
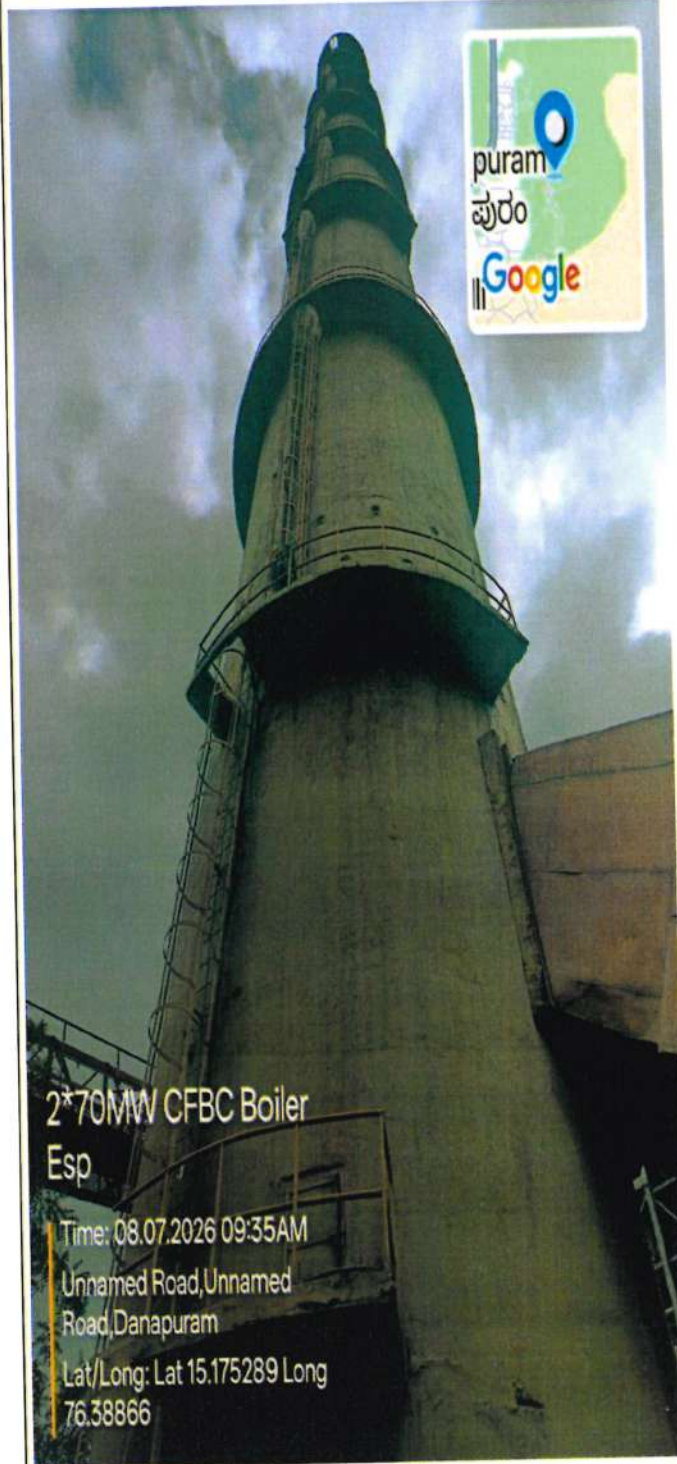
R. M. Bengeri

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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STACK EMISSION LOCATIONS
2X70 MW CFBC Boiler ESP





SHRI KRISHNA AQUA ENGINEERING WORKS

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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
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 10.07.2026 & 24.07.2026
12	Date of Sample Analysis	: 11.07.2026 & 25.07.2026
13	Date Sample Analysis Completion	: 11.07.2026 & 25.07.2026
14	Report Issued Date	: 03.08.2026
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	
				09.07.2026	23.07.2026	
	Date of Sample Collected			1737	1888	
	Sample Code					
4	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	29	32	-
5	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	119648	108336	-
6	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	145172	132054	-

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

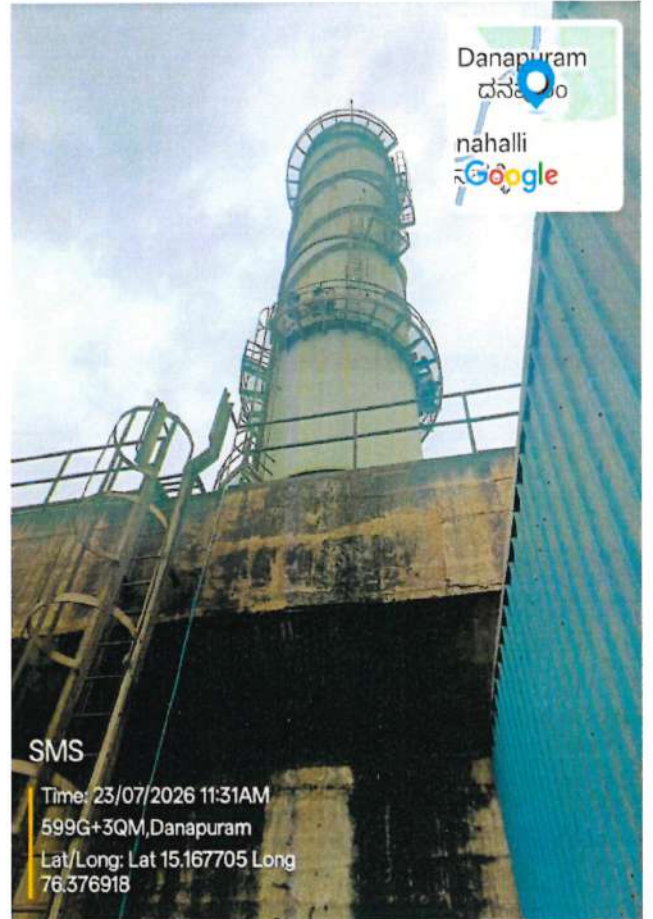
Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS

SMS





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



TC-1723

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
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 10.07.2026 & 24.07.2026
12	Date of Sample Analysis	: 11.07.2026 & 25.07.2026
13	Date Sample Analysis Completion	: 11.07.2026 & 25.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: ULR-TC1723126000000610F

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	
	Date of Sample Collected			09.07.2026	23.07.2026	
	Sample Code			1737	1888	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	88	89	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	8.91	8.11	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	43.19	40.15	50

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

End of the Report



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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-1723

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	: Barmill
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 11.07.2026 & 25.07.2026
12	Date of Sample Analysis	: 13.07.2026 & 27.07.2026
13	Date Sample Analysis Completion	: 13.07.2026 & 27.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: ULR-TC1723126000000609F

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	
	Date of Sample Collected			10.07.2026	24.07.2026	
	Sample Code			1733	1901	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	123	126	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.16	7.29	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	14.82	13.29	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	238	251	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.496	0.487	<1%

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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	: Barmill
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 11.07.2026 & 25.07.2026
12	Date of Sample Analysis	: 13.07.2026 & 27.07.2026
13	Date Sample Analysis Completion	: 13.07.2026 & 27.07.2026
14	Report Issued Date	: 03.08.2026
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	
				10.07.2026	24.07.2026	
	Date of Sample Collected			1733	1901	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	31	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	34	38	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	131254	138310	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	175716	185651	-

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

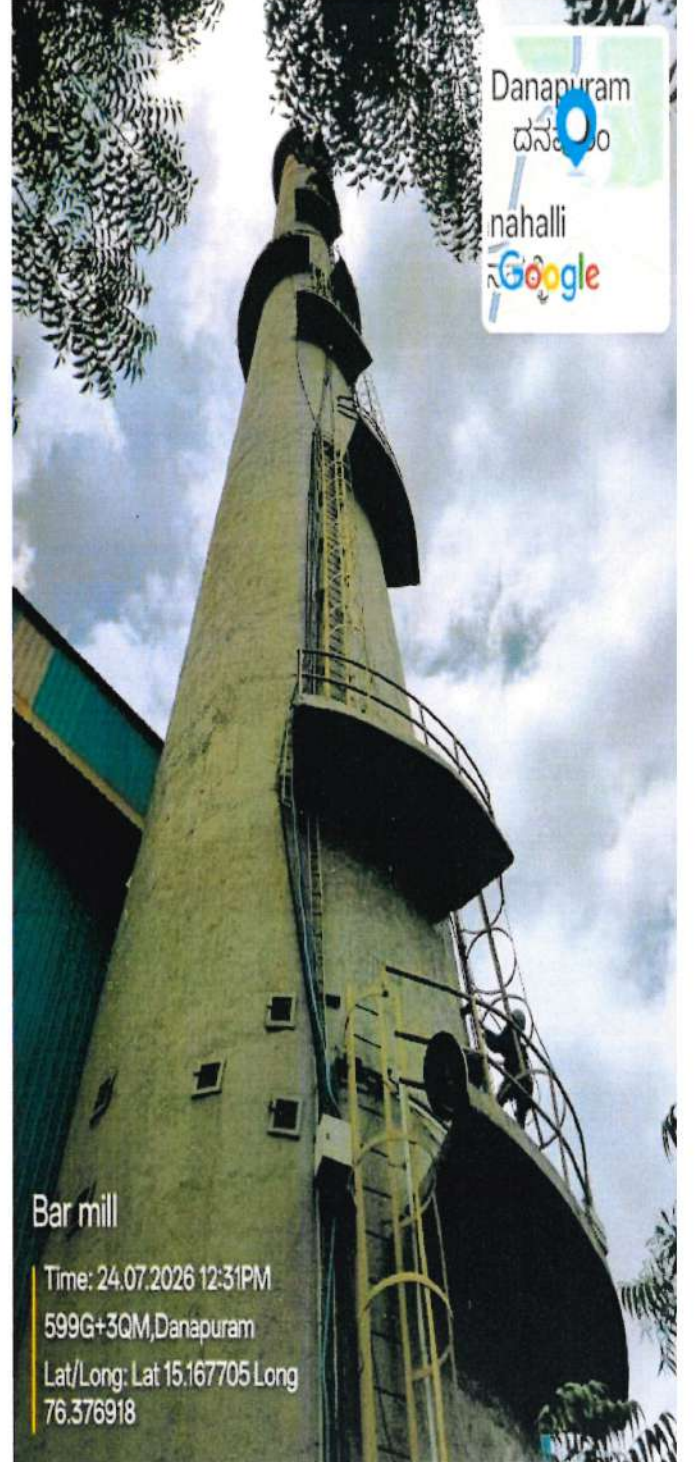
Mrs. Radha M Bengeri
Technical Manager

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STACK EMISSION LOCATIONS

Barr mill





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TC-1723

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 Furnace -Stove Waste Gas
10	Month of Sampling	: JULY -2026
11	Date of Sample Received	: 13.07.2026 & 28.07.2026
12	Date of Sample Analysis	: 14.07.2026 & 29.07.2026
13	Date Sample Analysis Completion	: 14.07.2026 & 29.07.2026
14	Report Issued Date	: 03.08.2026
15	Report Number	: ULR-TC1723126000000617F

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 Sample Code			11.07.2026	27.07.2026	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	175	175	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.75	7.45	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	10.01	9.16	30.0
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	84.0	91.0	200
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.506	0.594	<1%

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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

ANNEXURE-34A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: Blast Furnance -Stove Waste Gas
10	Month of Sampling	: JULY-2026
11	Date of Sample Received	: 13.07.2026 & 28.07.2026
12	Date of Sample Analysis	: 14.07.2026 & 29.07.2026
13	Date Sample Analysis Completion	: 14.07.2026 & 29.07.2026
14	Report Issued Date	: 03.08.2026
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		Permissib Limit
				1 st Fort Night	2 nd Fort Night	
				11.07.2026	27.07.2026	
	Date of Sample Collected			1761	1926	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	34	29	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	21.0	32.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	131254	177788	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	175716	268444	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS

Blast Furnace -Stove Waste Gas





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TC-1723

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	: JULY-2026
10	Date of Sample Received	: 14.07.2026
11	Date of Sample Analysis	: 15.07.2026
12	Date Sample Analysis Completion	: 15.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000620F

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	13.07.2026	1773	---	35	4.90	30	0.90	19.15	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	11230	-

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.
- (*) Details as Furnished by Customer.
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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	: JULY-2026
10	Date of Sample Received	: 14.07.2026
11	Date of Sample Analysis	: 15.07.2026
12	Date Sample Analysis Completion	: 15.07.2026
13	Report Issued Date	: 03.08.2026
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	13.07.2026	1773	31	10840	-

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.
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TC-1723

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(1 st Fort Night)
9	Month of Sampling	: JULY-2026
10	Date of Sample Received	: 10.07.2026
11	Date of Sample Analysis	: 11.07.2026
12	Date Sample Analysis Completion	: 11.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000611F

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	09.07.2026	1738	---	35	4.81	6.5	0.5	23.02	50
4	Lime & Bentonite Powder bin top bag filter	09.07.2026	1739	---	36	4.69	6.5	0.5	15.21	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	3400	-
4	Lime & Bentonite Powder bin top bag filter	3312	-
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 (1st Fort Night)
- 9 Month of Sampling : JULY-2026
- 10 Date of Sample Received : 10.07.2026
- 11 Date of Sample Analysis : 11.07.2026
- 12 Date Sample Analysis Completion : 11.07.2026
- 13 Report Issued Date : 03.08.2026
- 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 Nm ³ /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant-II						
3	AGB main bag Filter	09.07.2026	1738	31	3273	
4	Lime & Bentonite Powder bin top bag filter	09.07.2026	1739	32	3177	-
5	AGB De dusting Bag Filter	SHUTDOWN	-	-	-	-

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

INFERENCE: The measured values are within the limits

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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



TC-1723

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	: JULY-2026
10	Date of Sample Received	: 11.07.2026
11	Date of Sample Analysis	: 13.07.2026
12	Date Sample Analysis Completion	: 13.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000614F

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	10.07.2026	1750	---	30	5.07	20	0.5	33.12	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	3588	-

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

ANNEXURE-37A

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring(1st Fort Night)
- 9 Month of Sampling : JULY-2026
- 10 Date of Sample Received : 11.07.2026
- 11 Date of Sample Analysis : 13.07.2026
- 12 Date Sample Analysis Completion : 13.07.2026
- 13 Report Issued Date : 03.08.2026
- 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	1750	30	3420	-

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.
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TC-1723

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(1st Fort Night)
- 9 Month of Sampling : JULY-2026
- 10 Date of Sample Received : 06.07.2026 & 07.07.2026
- 11 Date of Sample Analysis : 07.07.2026 & 08.07.2026
- 12 Date Sample Analysis Completion : 07.07.2026 & 08.07.2026
- 13 Report Issued Date : 03.08.2026
- 14 Report Number : ULR-TC1723126000000595F

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	04.07.2026	1683	---	33	4.83	30	1.20	28.05	50
10	Cooler Discharge -2	04.07.2026	1684	---	34	4.68	30	1.20	30.49	50
11	Coal stock house	04.07.2026	1685	---	32	4.53	30	1.20	9.01	50
12	PSB 1 System-1	06.07.2026	1700	---	36	4.77	30	1.20	36.00	50
13	PSB 1 System-2	06.07.2026	1701	---	37	4.94	30	1.20	32.58	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	19667	-
10	Cooler Discharge -2	19073	-
11	Coal stock house	18464	-
12	PSB 1 System-1	19413	-
13	PSB 1 System-2	20114	-

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.
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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	: JULY-2026
10	Date of Sample Received	: 06.07.2026 & 07.07.2026
11	Date of Sample Analysis	: 07.07.2026 & 08.07.2026
12	Date Sample Analysis Completion	: 07.07.2026 & 08.07.2026
13	Report Issued Date	: 03.08.2026
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 Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 1 & 2						
9	Cooler Discharge -1	04.07.2026	1683	28	19107	-
10	Cooler Discharge -2	04.07.2026	1684	29	18426	-
11	Coal stock house	04.07.2026	1685	28	17943	-
12	PSB 1 System-1	06.07.2026	1700	31	18676	-
13	PSB 1 System-2	06.07.2026	1701	32	19243	-

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:

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



TC-1723

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(1 st Fort Night)
9	Month of Sampling	: JULY-2026
10	Date of Sample Received	: 07.07.2026 & 08.07.2026
11	Date of Sample Analysis	: 08.07.2026 & 09.07.2026
12	Date Sample Analysis Completion	: 08.07.2026 & 09.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000601F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 1 & 2										
14	PSB 2 System-1 MCC	06.07.2026	1702	---	38	5.13	30	1.20	30.73	50
15	PSB 2 System-2 Road	07.07.2026	1716	---	34	5.05	30	1.20	34.54	50
16	Junction House Old & New	07.07.2026	1717	---	36	4.90	30	1.20	26.57	50
17	Storage Bunker	07.07.2026	1718	---	37	4.66	30	1.20	17.80	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	20891	-
15	PSB 1 System-2 Road	20551	-
16	Junction House Old & New	19962	-
17	Storage Bunker	18984	-
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:

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

ANNEXURE-39A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1 st Fort Night)
9	Month of Sampling	: JULY-2026
10	Date of Sample Received	: 07.07.2026 & 08.07.2026
11	Date of Sample Analysis	: 08.07.2026 & 09.07.2026
12	Date Sample Analysis Completion	: 08.07.2026 & 09.07.2026
13	Report Issued Date	: 03.08.2026
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	06.07.2026	1702	33	19910	-
15	PSB 1 System-2 Road	07.07.2026	1716	29	19919	-
16	Junction House Old & New	07.07.2026	1717	31	19163	-
17	Storage Bunker	07.07.2026	1718	32	18155	-
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:

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- Samples are Retained for 15 days after issue of test reports.
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TC-1723

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	:	JULY-2026
10	Date of Sample Received	:	03.07.2026 & 04.07.2026
11	Date of Sample Analysis	:	04.07.2026 & 06.07.2026
12	Date Sample Analysis Completion	:	04.07.2026 & 06.07.2026
13	Report Issued Date	:	03.08.2026
14	Report Number	:	ULR-TC1723126000000591F

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	02.07.2026	1661	---	35	5.07	30	1.20	34.31	50
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	02.07.2026	1662	---	36	5.13	30	1.20	35.52	50
21	DE 8 & 12 I-Bin, (Stand By)	03.07.2026	1668	---	34	5.14	30	1.90	37.10	50
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	03.07.2026	1669	---	35	5.20	30	1.90	35.60	50
23	Coal Dryer	03.07.2026	1670	---	38	4.99	30	1.20	39.55	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	20644	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	20894	-
21	DE 8 & 12 I-Bin, (Stand By)	52491	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	53068	-
23	Coal Dryer	20324	-

INFERENCE: The Measured Values are within the limits.

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical 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-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 : JULY-2026
- 10 Date of Sample Received : 03.07.2026 & 04.07.2026
- 11 Date of Sample Analysis : 04.07.2026 & 06.07.2026
- 12 Date Sample Analysis Completion : 04.07.2026 & 06.07.2026
- 13 Report Issued Date : 03.08.2026
- 14 Report Number : KAEW/BMMIL/STACK /2026-27/536

RESULTS

Sl. No	2X500 TPD Sponge Iron Kiln 3&4	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm ³ /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2X500 TPD Sponge Iron Kiln 3&4						
19	DE 3, Axis 3 CD	02.07.2026	1661	30	19848	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	02.07.2026	1662	31	20015	-
21	DE 8 & 12 I-Bin, (Stand By)	03.07.2026	1668	28	50872	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	03.07.2026	1669	29	51115	-
23	Coal Dryer	03.07.2026	1670	30	19372	-

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-1723

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	: JULY-2026
10	Date of Sample Received	: 11.07.2026
11	Date of Sample Analysis	: 13.07.2026
12	Date Sample Analysis Completion	: 13.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000615F

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	KS S mg/
Blast furnace										
1	Cast House dedusting stack	10.07.2026	1753	---	38	6.23	35	3.3	16.73	5
2	Stock House dedusting stack	10.07.2026	1754	---	39	6.70	35	3.3	34.70	5

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore Cone Crusher	191723	-
2	Iron Ore Screening	206403	-

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.
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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	: JULY-2026
10	Date of Sample Received	: 11.07.2026
11	Date of Sample Analysis	: 13.07.2026
12	Date Sample Analysis Completion	: 13.07.2026
13	Report Issued Date	: 03.08.2026
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	10.07.2026	1753	30	183395	-
2	Stock House dedusting stack	10.07.2026	1754	32	196285	-

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-1723

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	: JULY-2026
10	Date of Sample Received	: 29.07.2026
11	Date of Sample Analysis	: 30.07.2026
12	Date Sample Analysis Completion	: 30.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000675F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant-2										
1	Iron Ore Cone Crusher	Shut down	-	---	-	-	-	-	-	50
2	Iron Ore Screening	28.07.2026	1934	---	34	4.96	30	0.90	16.13	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	11369	-

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-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	: JULY-2026
10	Date of Sample Received	: 29.07.2026
11	Date of Sample Analysis	: 30.07.2026
12	Date Sample Analysis Completion	: 30.07.2026
13	Report Issued Date	: 03.08.2026
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	Iron Ore Cone Crusher	Shut down	-	-	-	-
2	Iron Ore Screening	28.07.2026	1940	28	11019	-

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-1723

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	: JULY-2026
10	Date of Sample Received	: 17.07.2026
11	Date of Sample Analysis	: 18.07.2026
12	Date Sample Analysis Completion	: 18.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000639F

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
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant										
3	AGB main bag Filter	16.07.2026	1818	---	32	4.87	6.5	0.50	19.79	50
4	Lime & Bentonite Powder bin top bag filter	16.07.2026	1819	---	34	4.61	6.5	0.50	22.65	50
5	AGB De dusting Bag Filter	SHUTDOWN	-	---	-	-	6.0	0.60	-	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
3	AGB main bag Filter	3442	-
4	Lime & Bentonite Powder bin top bag filter	3261	-
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:

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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 (2 nd Fort Night)
9	Month of Sampling	: JULY-2026
10	Date of Sample Received	: 17.07.2026
11	Date of Sample Analysis	: 18.07.2026
12	Date Sample Analysis Completion	: 18.07.2026
13	Report Issued Date	: 03.08.2026
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 Nm ³ /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant						
3	AGB main bag Filter	16.07.2026	1818	28	3349	-
4	Lime & Bentonite Powder bin top bag filter	16.07.2026	1819	30	3145	-
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.
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3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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TC-1723

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	: JULY-2026
10	Date of Sample Received	: 17.07.2026
11	Date of Sample Analysis	: 18.07.2026
12	Date Sample Analysis Completion	: 18.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC172312600000640F

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
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant										
6	Powder Coal main bag filter	SHUTDOWN	-	---	-	-	6.0	0.60	-	50
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	---	-	-	6.0	0.30	-	50
8	Pellet discharge bin bag filter	16.07.2026	1820	---	33	4.74	2.0	0.50	30.25	50

Sl. No	Pellet Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
6	Powder Coal main Bagfilter	-	-
7	RP-6 Conveyor bag Filter	-	-
8	Pellet discharge bin Bagfilter	3351	-

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

ANNEXURE-43A

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring (2nd Fort Night)
- 9 Month of Sampling : JULY-2026
- 10 Date of Sample Received : 17.07.2026
- 11 Date of Sample Analysis : 18.07.2026
- 12 Date Sample Analysis Completion : 18.07.2026
- 13 Report Issued Date : 03.08.2026
- 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 Nm ³ /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant						
6	Powder Coal main Bagfilter	SHUTDOWN	-	-	-	-
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	-	-	-
8	Pellet discharge bin Bagfilter	16.07.2026	1820	29	3241	-

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.
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TC-1723

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	: JULY-2026
10	Date of Sample Received	: 19.07.2026,21.07.2026 & 22.07.2026
11	Date of Sample Analysis	: 20.07.2026, 22.07.2026 & 23.07.2026
12	Date Sample Analysis Completion	: 20.07.2026, 22.07.2026 & 23.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000645F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 1 & 2										
9	Cooler Discharge -1	18.07.2026	1843	Coal	36	4.67	30	1.2	25.95	50
10	Cooler Discharge -2	20.07.2026	1854	Coal	33	4.80	30	1.2	31.01	50
11	Coal stock house	21.07.2026	1867	Coal	33	4.53	30	1.2	10.38	50
12	PSB 1 System-1	21.07.2026	1868	Coal	35	5.09	30	1.2	32.50	50
13	PSB 1 System-2	21.07.2026	1869	Coal	35	5.06	30	1.2	30.85	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	19012	-
10	Cooler Discharge -2	19544	-
11	Coal stock house	18429	-
12	PSB 1 System-1	20736	-
13	PSB 1 System-2	20592	-

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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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	: JULY-2026
10	Date of Sample Received	: 19.07.2026, 21.07.2026 & 22.07.2026
11	Date of Sample Analysis	: 20.07.2026, 22.07.2026 & 23.07.2026
12	Date Sample Analysis Completion	: 20.07.2026, 22.07.2026 & 23.07.2026
13	Report Issued Date	: 03.08.2026
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 1 & 2						
9	Cooler Discharge -1	18.07.2026	1843	31	18248	-
10	Cooler Discharge -2	20.07.2026	1854	28	19003	-
11	Coal stock house	21.07.2026	1867	30	17855	-
12	PSB 1 System-1	21.07.2026	1868	31	19952	-
13	PSB 1 System-2	21.07.2026	1869	29	19877	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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



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TC-1723

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(2 nd Fort Night)
9	Month of Sampling	: JULY-2026
10	Date of Sample Received	: 23.07.2026 & 24.07.2026
11	Date of Sample Analysis	: 24.07.2026 & 25.07.2026
12	Date Sample Analysis Completion	: 24.07.2026 & 25.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000649F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Use d	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
2 X 500 TPD Sponge Iron Kiln 1 & 2										
14	PSB 2 System-1 MCC	22.07.2026	1880	Coal	34	5.16	30	1.2	35.44	50
15	PSB 1 System-2 Road	23.07.2026	1891	Coal	36	5.00	30	1.2	31.57	50
16	Junction House Old & New	23.07.2026	1892	Coal	35	5.04	30	1.2	33.09	50
17	Storage Bunker	23.07.2026	1893	Coal	34	4.72	30	1.2	22.09	50
18	Dispatch	SHUTDOWN	-	---	-	-	30	1.2	-	50

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
14	PSB 2 System-1 MCC	21027	-
15	PSB 1 System-2 Road	20377	-
16	Junction House Old & New	20525	-
17	Storage Bunker	19235	-
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:

- 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-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	: JULY-2026
10	Date of Sample Received	: 23.07.2026 & 24.07.2026
11	Date of Sample Analysis	: 24.07.2026 & 25.07.2026
12	Date Sample Analysis Completion	: 24.07.2026 & 25.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/572

RESULTS

Sl. No	2 X 500 TPD Sponge Iron Kiln 1 & 2	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
2 X 500 TPD Sponge Iron Kiln 1 & 2						
14	PSB 2 System-1 MCC	22.07.2026	1880	30	20314	-
15	PSB 1 System-2 Road	23.07.2026	1891	31	19543	-
16	Junction House Old & New	23.07.2026	1892	30	19832	-
17	Storage Bunker	23.07.2026	1893	31	18615	-
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:

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- Samples are Retained for 15 days after issue of test reports.
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TC-1723

ANNEXURE-46

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 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	:	JULY-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	:	03.08.2026
14	Report Number	:	ULR-TC1723126000000670F

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)	23.07.2026	1894	---	35	5.13	30	1.20	31.61	50
21	DE 8 & 12 I-Bin, (Stand By)	23.07.2026	1895	---	36	5.19	30	1.90	35.88	50
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	24.07.2026	1904	---	35	5.11	30	1.90	39.06	50
23	Coal Dryer	24.07.2026	1905	---	38	4.80	30	1.20	35.29	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)	20883	-
21	DE 8 & 12 I-Bin, (Stand By)	53008	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	52201	-
23	Coal Dryer	19564	-

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-46A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (2 nd Fort Night)
9	Month of Sampling	: JULY-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	: 03.08.2026
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 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)	23.07.2026	1894	31	20136	-
21	DE 8 & 12 I-Bin, (Stand By)	23.07.2026	1895	32	50912	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	24.07.2026	1904	29	50354	-
23	Coal Dryer	24.07.2026	1905	29	18642	-

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-1723

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	: JULY-2026
10	Date of Sample Received	: 28.07.2026
11	Date of Sample Analysis	: 29.07.2026
12	Date Sample Analysis Completion	: 29.07.2026
13	Report Issued Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000673F

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	KS S mg/
Blast furnace										
1	Cast House dedusting stack	27.07.2026	1927	---	37	6.06	35	3.3	19.12	5
2	Stock House dedusting stack	27.07.2026	1928	---	40	6.35	35	3.3	31.24	5

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore Cone Crusher	186577	-
2	Iron Ore Screening	195634	-

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-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 (2ndFort Night)
- 9 Month of Sampling : JULY-2026
- 10 Date of Sample Received : 28.07.2026
- 11 Date of Sample Analysis : 29.07.2026
- 12 Date Sample Analysis Completion : 29.07.2026
- 13 Report Issued Date : 03.08.2026
- 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	Cast House dedusting stack	27.07.2026	1927	30	178198	-
2	Stock House dedusting stack	27.07.2026	1928s	31	184960	-

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-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 : JULY-2026
Report Issue Date : 03.08.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000587F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		
				Day Time		Standard
				Min	Max	
1	Main Gate	08.07.2026	1732	44.2	52.4	75
2	Blast Furnace Blower House Entrance	01.07.2026	1648	69.7	73.1	75
3	Transit House	04.07.2026	1681	42.8	55.2	75
4	BF-7th Gate	03.07.2026	1673	47.6	56.1	75
5	Gunda Road	10.07.2026	1751	49.6	56.1	75
6	Gunda Railway Station	10.07.2026	1752	52.4	62.4	75
7	Bagging Shed	07.07.2026	1714	46.2	58.6	75
8	Railway Siding	06.07.2026	1699	51.6	62.4	75
9	SMS-Vibro Feeders	03.07.2026	1674	50.1	73.6	75
10	Bricks Plant	06.07.2026	1698	47.6	56.4	75
11	Kempuhalla (Wagon Tippler)	07.07.2026	1715	49.6	58.2	75
12	Danapura Bridge	09.07.2026	1740	50.9	61.2	75
13	2nd Gate	09.07.2026	1741	47.6	54.8	75
14	MBM-Scale pit	04.07.2026	1682	69.2	73.9	75
15	Dispatch (Truck Parking Area)	08.07.2026	1731	62.9	71.4	75
16	Blast Furnace Stock House	01.07.2026	1649	64.9	71.4	75
17	Blast Furnace Cost House	02.07.2026	1658	54.2	62.6	75
18	Blast Furnace Gas Cleaning Plant	02.07.2026	1659	68.2	73.6	75

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

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

End of the Report



Reviewed & Authorized Signatory

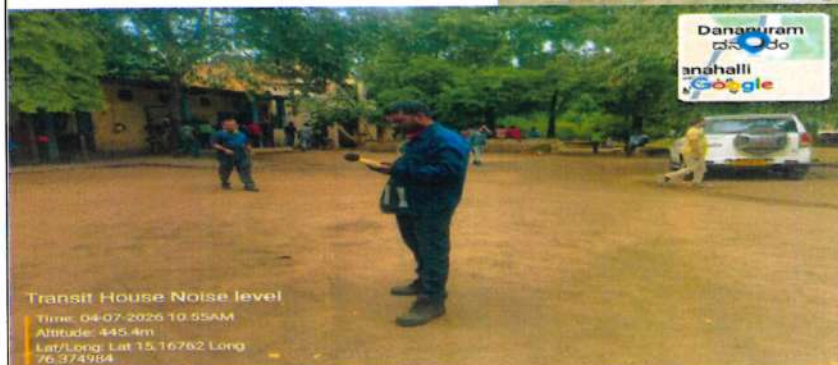
R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- 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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FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING





SHRI KRISHNA AQUA ENGINEERING WORKS

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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 : JULY-2026
Report Issue Date : 03.08.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000642F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		
				Day Time		Standard
				Min	Max	
1.	Main Gate	23.07.2026	1890	45.8	56.4	75
2.	Blast Furnace Blower House Entrance	16.07.2026	1824	63.4	73.6	75
3.	Transit House	20.07.2026	1852	49.6	54.8	75
4.	BF-7th Gate	18.07.2026	1841	41.5	49.6	75
5.	Gunda Road	25.07.2026	1915	52.4	60.1	75
6.	Gunda Railway Station	25.07.2026	1916	49.8	57.6	75
7.	Bagging Shed	21.07.2026	1865	47.1	54.6	75
8.	Railway Siding	22.07.2026	1878	56.4	63.5	75
9.	SMS-Vibro Feeders	18.07.2026	1842	61.0	73.2	75
10.	Bricks Plant	22.07.2026	1879	41.6	50.6	75
11.	Kempuhalla (Wagon Tippler)	21.07.2026	1866	51.4	57.8	75
12.	Danapura Bridge	24.07.2026	1902	52.8	64.5	75
13.	2nd Gate	24.07.2026	1903	42.9	56.0	75
14.	MBM-Scale pit	20.07.2026	1853	62.5	73.9	75
15.	Dispatch (Truck Parking Area)	23.07.2026	1889	51.0	69.6	75
16.	Blast Furnace Stock House	16.07.2026	1825	62.8	67.1	75
17.	Blast Furnace Cost House	17.07.2026	1831	53.4	66.0	75
18.	Blast Furnace Gas Cleaning Plant	17.07.2026	1832	62.0	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.

End of the Report

Reviewed & Authorized Signatory

R.H. Bengeri

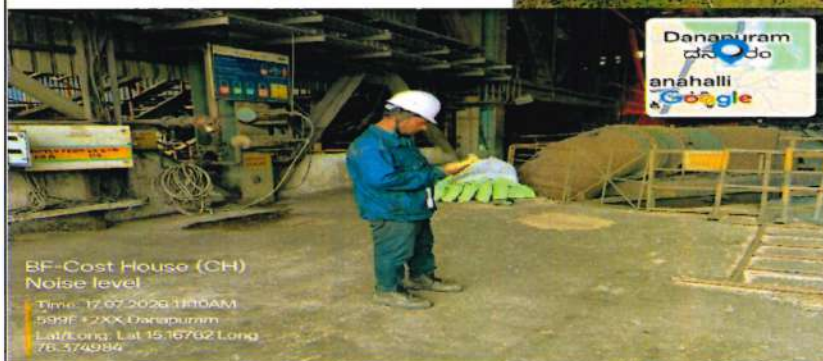
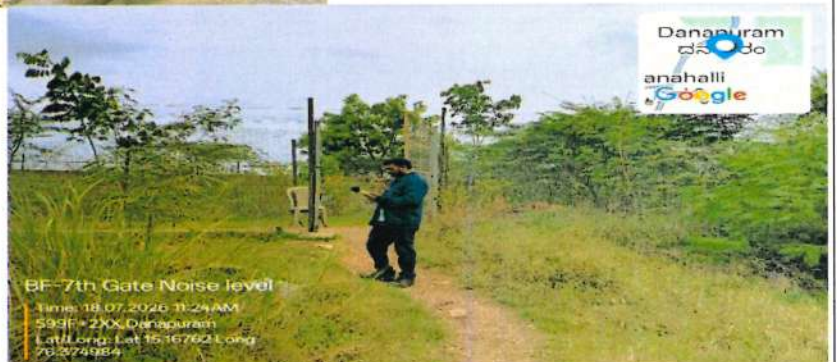
Mrs. Radha M Bengeri
Technical Manger



Note:

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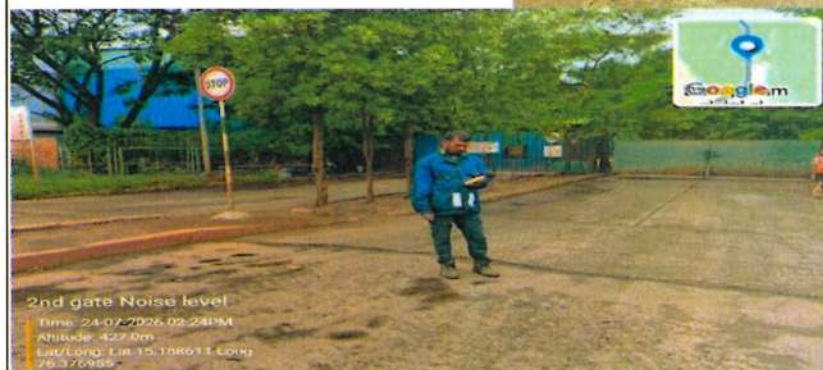
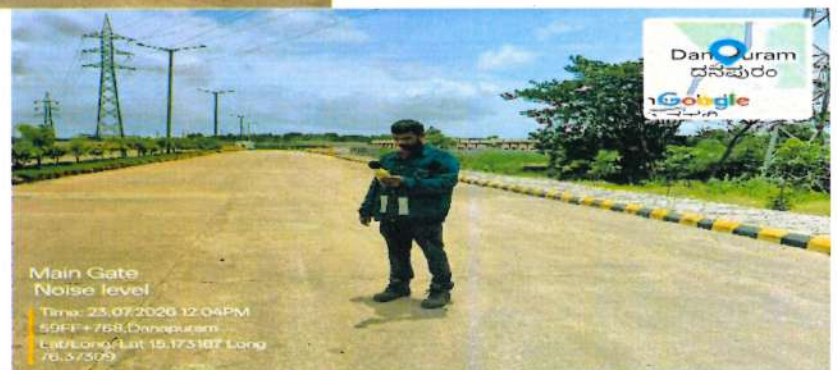
SECOND FORT NIGHT INSIDE PLANT NOISE MONITORING



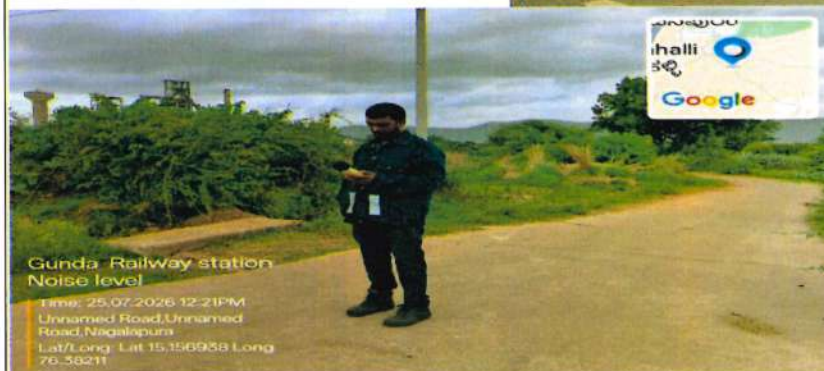
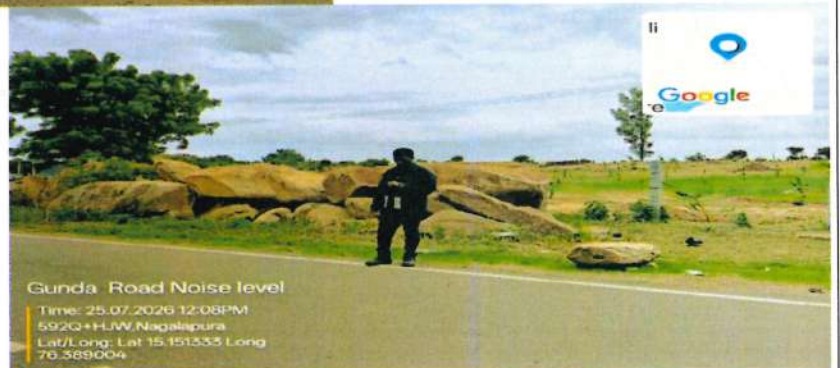
SECOND FORT NHT INSIDE PLANT NOISE MONITORING



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 : JULY-2026
Report Issue Date : 03.08.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000588F

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	01.07.2026	1650	47.6	53.1	51.34	55	38.6	42.1	40.06	45
2	Mariyammana Halli	03.07.2026	1671	48.3	56.4	53.06		40.2	43.6	41.28	
3	Hanumana Halli	02.07.2026	1660	48.8	54.6	52.14		38.8	43.8	41.66	
4	Galemmanagudi	04.07.2026	1686	47.6	53.4	50.76		40.2	45.1	43.72	
5	G. Nagalapura Village	06.07.2026	1692	46.9	54.6	52.68		37.4	41.6	39.44	
6	Gunda Tanda Village	07.07.2026	1708	47.6	52.4	47.12		37.2	39.4	38.01	

INFERENCE

As per CPCB Standards,

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

End of the Report

NOISE: (AMBIENT STANDARDS)

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



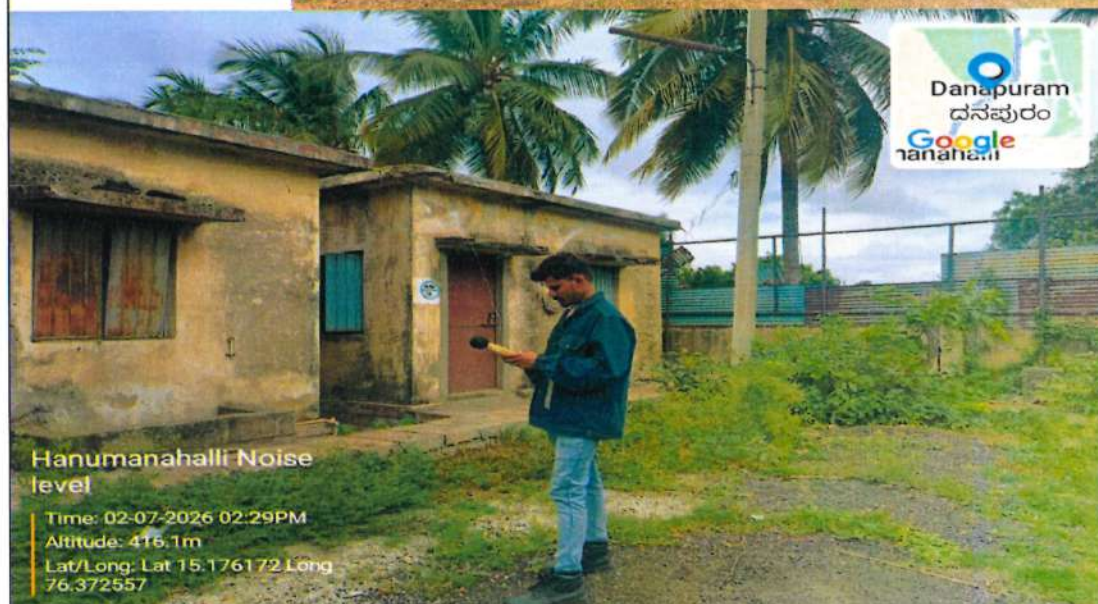
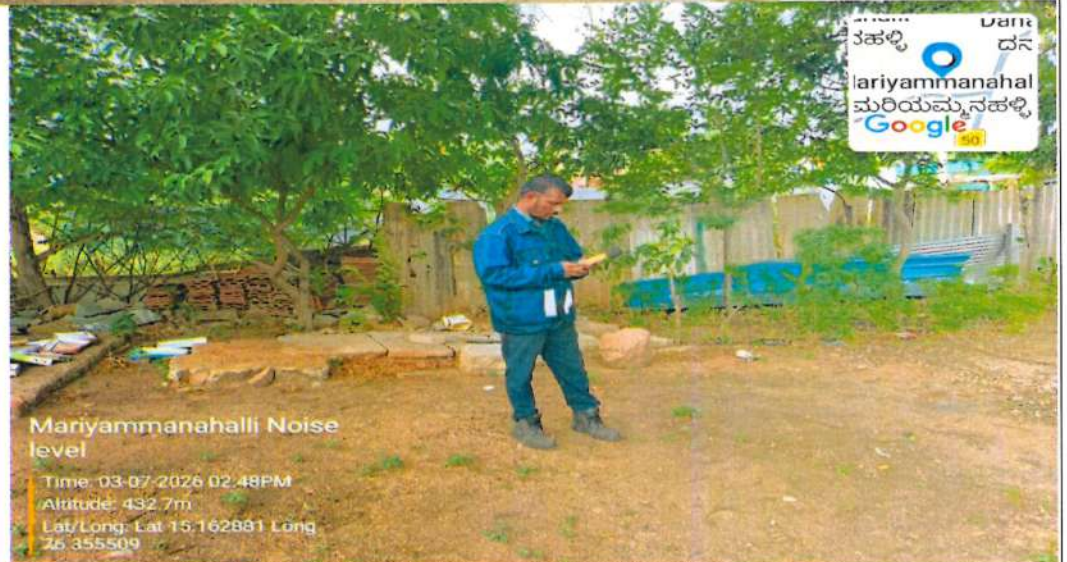
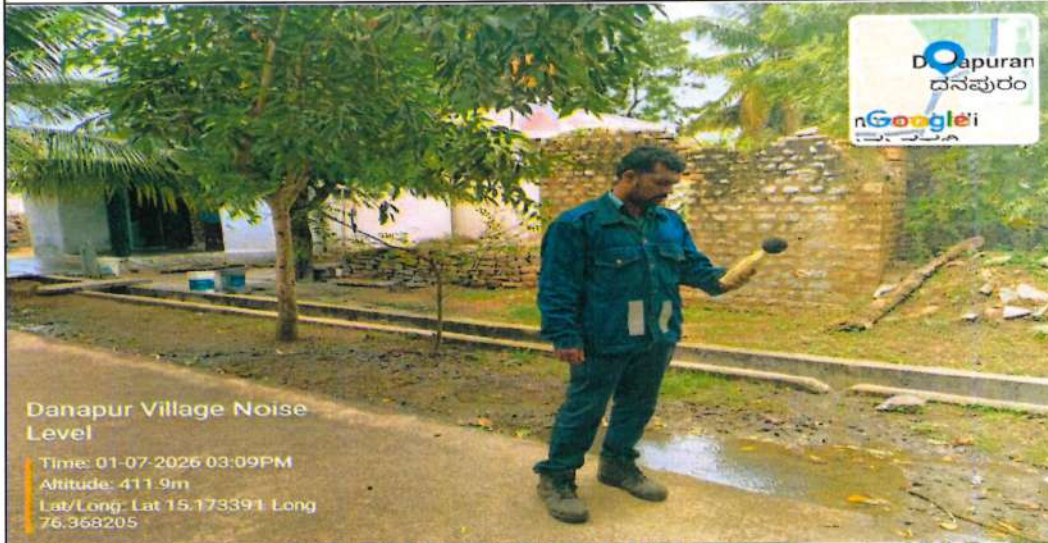
Reviewed & Authorized Signatory

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

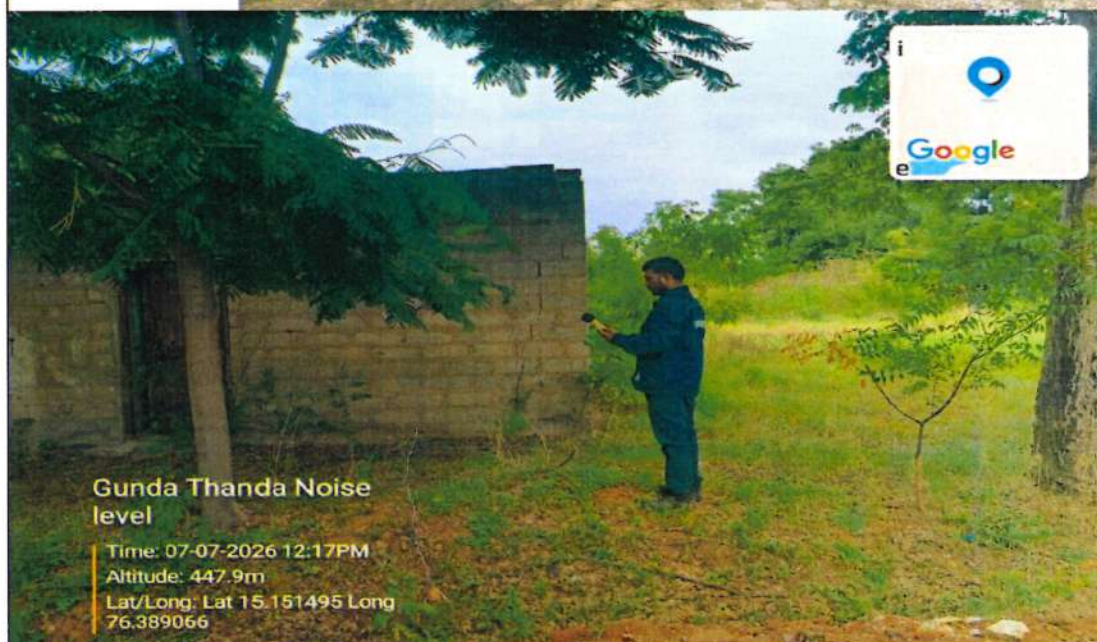
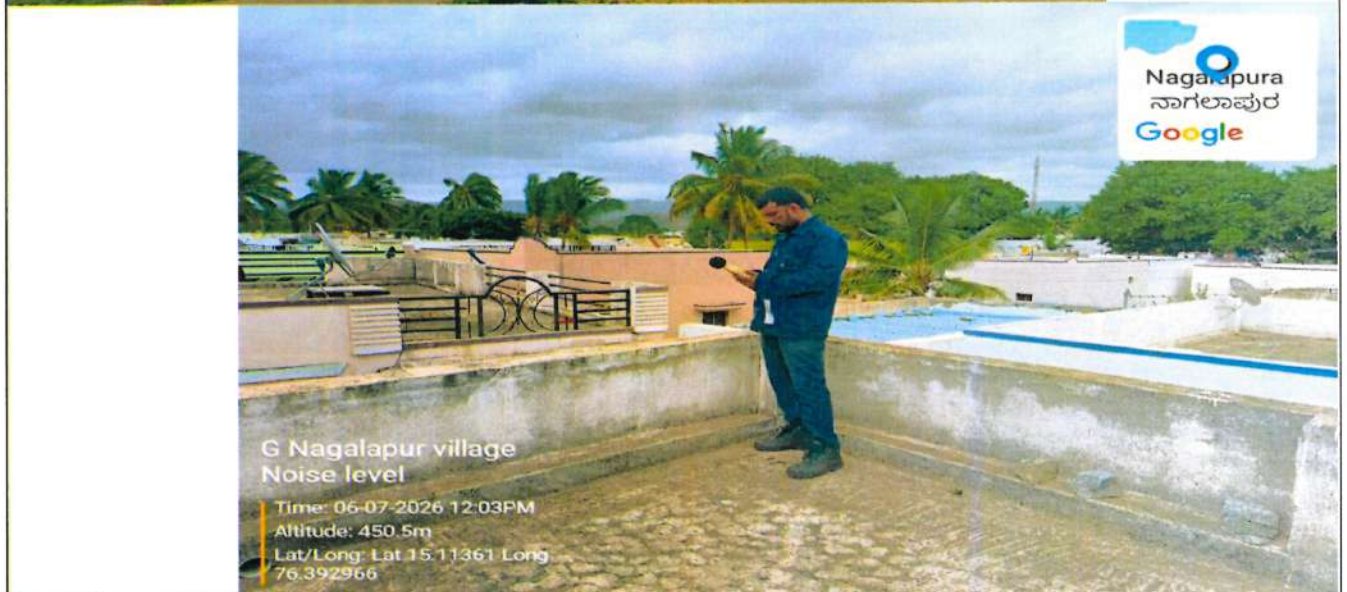
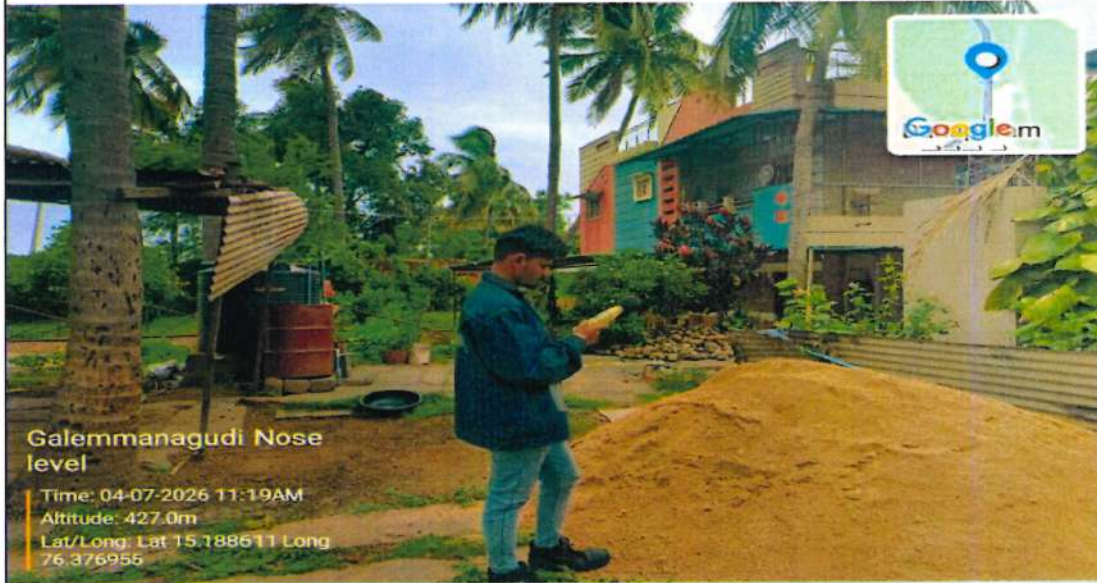
Note:

- 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 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	: 1796
9	Date of Sampling	: 15.07.2026
10	Sample Received	: 16.07.2026
11	Date of Analysis	: 16.07.2026
12	Date of Analysis Completion	: 23.07.2026
13	Report Issue Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000624F

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	-	7.12	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	μS/cm	2260	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1160	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	13.3	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	222.58	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.13	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	262.6	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	4.62	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	206.5	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	20.41	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	580	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	268.09	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.99	1 max	1.5 max
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	3.17	45max	NR

Note:

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TC-17231

ANNEXURE-50

16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	420	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	48	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.74	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: 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.
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****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	:	1796
9	Date of Sampling	:	15.07.2026
10	Sample Received	:	16.07.2026
11	Date of Analysis	:	16.07.2026
12	Date of Analysis Completion	:	23.07.2026
13	Report Issue Date	:	03.08.2026
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:

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



TC-17231

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

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 1797
9	Date of Sampling	: 15.07.2026
10	Sample Received	: 16.07.2026
11	Date of Analysis	: 16.07.2026
12	Date of Analysis Completion	: 23.07.2026
13	Report Issue Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000625F

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	-	7.33	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA: 2023)	µS/cm	3090	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1580	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	220.71	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.33	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	286.9	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	6.92	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	161.6	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	47.62	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	560.22	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	417.45	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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TC-17231

ANNEXURE-51

15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	4.46	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	72	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.58	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.02	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

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

INFERENCE

As per Standards IS: 10500:2012

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

ANNEXURE-51

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

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Grab Sampling
5	Discipline	:	Chemical/Biological
6	Group	:	Water
7	Sample Type	:	Ground Water
8	Sample Code	:	1797
9	Date of Sampling	:	15.07.2026
10	Sample Received	:	16.07.2026
11	Date of Analysis	:	16.07.2026
12	Date of Analysis Completion	:	23.07.2026
13	Report Issue Date	:	03.08.2026
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. M. 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	: 1798
9	Date of Sampling	: 15.07.2026
10	Sample Received	: 16.07.2026
11	Date of Analysis	: 16.07.2026
12	Date of Analysis Completion	: 23.07.2026
13	Report Issue Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000626F

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	-	7.46	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	1040	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	17.22	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	109.68	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.15	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	52.9	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	12.96	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	163.2	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	87.96	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	578.05	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	317.63	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.33	1 max	1.5 max

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	3.28	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	592	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	68	-	-
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.
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-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	:	1798
9	Date of Sampling	:	15.07.2026
10	Sample Received	:	16.07.2026
11	Date of Analysis	:	16.07.2026
12	Date of Analysis Completion	:	23.07.2026
13	Report Issue Date	:	03.08.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/547

Results

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

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R.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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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	: 1799
9	Date of Sampling	: 15.07.2026
10	Sample Received	: 16.07.2026
11	Date of Analysis	: 16.07.2026
12	Date of Analysis Completion	: 23.07.2026
13	Report Issue Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000627F

Results

Sl. No.	Parameters	Protocol	Unit	Mariyammana Halli Village (GW4)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	7.70	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	2120	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1090	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	103.53	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.17	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	46.2	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	8.2	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	117.6	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	4.86	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	314	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	331.24	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.52	1 max	1.5 max

Note:

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ANNEXURE						
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	3.50	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	490	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	0.25	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.
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****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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3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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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	:	1799
9	Date of Sampling	:	15.07.2026
10	Sample Received	:	16.07.2026
11	Date of Analysis	:	16.07.2026
12	Date of Analysis Completion	:	23.07.2026
13	Report Issue Date	:	03.08.2026
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	:	1800
9	Date of Sampling	:	15.07.2026
10	Sample Received	:	16.07.2026
11	Date of Analysis	:	16.07.2026
12	Date of Analysis Completion	:	23.07.2026
13	Report Issue Date	:	03.08.2026
14	Report Number	:	ULR-TC1723126000000628F

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	-	7.64	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	961	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	484	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	63.85	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.14	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	38.9	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	7.68	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	49.6	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	33.53	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	262	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	102.41	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:

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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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ANNEXURE-54

15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.59	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	290	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	38	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.36	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.
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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	:	1800
9	Date of Sampling	:	15.07.2026
10	Sample Received	:	16.07.2026
11	Date of Analysis	:	16.07.2026
12	Date of Analysis Completion	:	23.07.2026
13	Report Issue Date	:	03.08.2026
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.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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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	: 1801
9	Date of Sampling	: 15.07.2026
10	Sample Received	: 16.07.2026
11	Date of Analysis	: 16.07.2026
12	Date of Analysis Completion	: 23.07.2026
13	Report Issue Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000629F

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	-	7.57	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA: 2023)	µS/cm	1670	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	846	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	15.22	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	84.36	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	221.25	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	3.82	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	70.4	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	23.32	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	272	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	280.44	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.17	1 max	1.5 max

Note:

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15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	1.14	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	328	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	48	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.19	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.03	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW6: G Nagalapura 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.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
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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	:	1801
9	Date of Sampling	:	15.07.2026
10	Sample Received	:	16.07.2026
11	Date of Analysis	:	16.07.2026
12	Date of Analysis Completion	:	23.07.2026
13	Report Issue Date	:	03.08.2026
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. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

ANNEXURE-56

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

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-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	: 1802
9	Date of Sampling	: 15.07.2026
10	Sample Received	: 16.07.2026
11	Date of Analysis	: 16.07.2026
12	Date of Analysis Completion	: 23.07.2026
13	Report Issue Date	: 03.08.2026
14	Report Number	: ULR-TC1723126000000630F

Results

Sl. No.	Parameters	Protocol	Unit	RO Drinking Water	Standards as per 10500:2012	
					Acceptable Limits	Permissible Limit in Absence of Alternatives
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.84	6.5 to 8.5	NR
2.	Electrical Conductivity @ 25 °C	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	270	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	146	500max	2000 r
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	23.54	200max	400m
6.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	1.66	-	-
7.	Potassium as K	IS 3025 Part 45: 2024	mg/L	0.62	-	-
8.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	21.6	75max	200m
9.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	7.77	30max	100m
10.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	86	200max	600m
11.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	20.57	250max	1000 r
12.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.10	1 max	1.5 m
13.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.56	45max	NR
14.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	64	200max	600m

Note:

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ANNEXUR						
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	0.16	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	15m:
19.	Residual chlorine	IS 3025 Part 26: 2021	mg/L	BDL (<0.1)	0.2max	1.0m
20.	Boron as B	IS 3025 Part 57: 2021	mg/L	0.10	0.5max	1.0

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

INFERENCE

As per Standards IS: 10500:2012

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
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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	:	1802
9	Date of Sampling	:	15.07.2026
10	Sample Received	:	16.07.2026
11	Date of Analysis	:	16.07.2026
12	Date of Analysis Completion	:	23.07.2026
13	Report Issue Date	:	03.08.2026
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	Phosphorous 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

ANNEXURE-57

Note:

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TC-17231

ANNEXURE-57

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

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 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	: 15.07.2026
9	Sample Received	: 16.07.2026
10	Date of Analysis	: 16.07.2026
11	Date of Analysis Completion	: 23.07.2026
12	Report Issue Date	: 03.08.2026

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	-	1803	1804	1805	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.36	7.58	7.48	6.5 to 8.5
2.	Colour	IS 3025 Part 4: 2021	Hazen	2	2	4	
3.	Total Suspended Solids	IS 3025 Part 17: 2022	mg/L	15.22	16.36	14.63	<20
4.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 PART 44: 2023	mg/L	8	6	5	<10
5.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	40	20	20	<50
6.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	15.8	25.2	12.8	10
7.	Kjeldhal Nitrogen	IS 3025 Part 34 Sec 1: 2023	mg/L	3.36	2.82	4.15	5
8.	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.05	0.06	0.08	-

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

I-STP 45 KLD - Near Fortivia Report Number: ULR-TC1723126000000631F

II-STP-1 90 KLD -Near ISP Area Report Number: ULR-TC1723126000000632F

III-STP-2 90 KLD -Near Gunda Guest House Report Number: ULR-TC1723126000000633F

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

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	: 15.07.2026
9	Sample Received	: 16.07.2026
10	Date of Analysis	: 16.07.2026
11	Date of Analysis Completion	: 23.07.2026
12	Report Issue Date	: 03.08.2026

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	-	1803	1804	1805	
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	23	25	39	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

ANNEXURE-59

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

Note:

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ANNEXURE-58

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

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	Waste Water
8	Date of Sampling	:	15.07.2026
9	Sample Received	:	16.07.2026
10	Date of Analysis	:	16.07.2026
11	Date of Analysis Completion	:	23.07.2026
12	Report Issue Date	:	03.08.2026
13	Report Number	:	ULR-TC1723126000000634F

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		
				1806	1807	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.58	7.48	6.5 to 9.0
2.	Total Suspended Solids	IS 3025 Part 17: 2022	mg/L	30.22	10.12	100
3.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	36.58	38.4	250
4.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	3.63	2.82	10

Note: BDL-Below detectable Limit.

INFERENCE: The Measured values are within the Limit.

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

- 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-59

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

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Composite Sampling
5	Discipline	: Chemical
6	Group	: Pollution & Environment
7	Sample Type	: Surface Water
8	Date of Sampling	: 15.07.2026
9	Sample Received	: 16.07.2026
10	Date of Analysis	: 16.07.2026
11	Date of Analysis Completion	: 23.07.2026
12	Report Issue Date	: 03.08.2026
13	Report Number	: ULR-TC1723126000000635F

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				Danayakanakere Upstream	Danayakanakere Downstream	
Sample code				1808	1809	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	8.04	8.21	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	<2.0	<2.0	3.0
4	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.16	0.12	1.3
5	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.8	6.6	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.05	0.06	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:

- 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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H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
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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	: 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	: 15.07.2026
10	Sample Received	: 16.07.2026
11	Date of Analysis	: 16.07.2026
12	Date of Analysis Completion	: 23.07.2026
13	Report Issue Date	: 03.08.2026
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				1808	1809	
7	Arsenic as As	APHA 24thEdition3114- B : 2023	mg/L	<0.01	<0.01	0.2
8	Cyanides (as CN)	APHA 24th Edition 4500 CN -D : 2023	mg/L	BDL	BDL	0.05
9	Phenolic Compounds (as C ₆ H ₅ OH)	IS:3025 (part 43)-1992, RA-2014, Chloroform extraction method	mg/L	BDL	BDL	0.005
10	Total Coliform Organisms					
	Total Coli forms	IS : 1622:1981	MPN/ 100 ml	73	91	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:

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-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	:	15.07.2026
9	Sample Received	:	16.07.2026
10	Date of Analysis	:	16.07.2026
11	Date of Analysis Completion	:	23.07.2026
12	Report Issue Date	:	03.08.2026
13	Report Number	:	ULR-TC1723126000000636F

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				KempuHalla Upstream	KempuHalla Downstream	
Sample code				1810	1811	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	8.20	7.77	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	0.14	0.18	1.3
5	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.6	6.3	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.02	0.03	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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- Samples are Retained for 15 days after issue of test reports.
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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	:	15.07.2026
10	Sample Received	:	16.07.2026
11	Date of Analysis	:	16.07.2026
12	Date of Analysis Completion	:	23.07.2026
13	Report Issue Date	:	03.08.2026
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		1810	1811	
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	85	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-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	: 15.07.2026
9	Sample Received	: 16.07.2026
10	Date of Analysis	: 16.07.2026
11	Date of Analysis Completion	: 23.07.2026
12	Report Issue Date	: 03.08.2026
13	Report Number	: ULR-TC1723126000000637F

Sl. No.	122Parameters	Protocol	Unit	Results	IS 2296 -1982 CLASS -B
				Tungabhadra dam	
			Sample Code	1812	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.88	6.5-8.5
2.	Color	IS 3025 Part 4: 2021		1	300
3.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 Part 44: 2023	mg/L	48	3.0
4.	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.13	1.5
5.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	412	-
6.	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.6	>5
7.	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.03	1.0

INFERENCE: The measured values are within the Limit.

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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