

BMM Ispat Ltd.,

ENVIRONMENTAL MONITORING REPORT



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

JUNE-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. UdaichandSinghi.

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

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

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

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



1.2 PROMOTERS OF THE PROJECT

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

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

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

1.3 Site Location

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

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

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

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

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

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

1.4 The report includes environmental monitoring data collected at above site for the month of **JUNE-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, PM_{2.5}, SO₂, NO₂ values Average 63.91, 14.81, 9.93 & 11.92 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, PM_{2.5}, SO₂, NO₂ values Average 52.00, 11.56, 9.89 & 12.18 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, PM_{2.5}, SO₂, NO₂ values Average 54.37, 14.58, 11.10 & 13.87 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 59.99, 16.10, 12.55 & 14.25 $\mu\text{g}/\text{m}^3$ 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 44.28, 11.44, 10.14 & 11.50 $\mu\text{g}/\text{m}^3$ 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 39.92, 12.29, 9.92 & 12.39 $\mu\text{g}/\text{m}^3$ 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 125.82 $\mu\text{g}/\text{m}^3$, maximum value 1992.2 $\mu\text{g}/\text{m}^3$ and average value 865.86 $\mu\text{g}/\text{m}^3$. 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 41.16 mg/Nm^3 & Average Value 26.11 mg/Nm^3 . 1st & 2nd Fortnight Results are given in **Annexure-13 to Annexure-46**.

5.3 NOISE LEVEL MEASUREMENT

Noise level was recorded at 30 locations each in Ambient and work zone area using Sound Level Meter (Lutron) The Day time noise level values were ranging between 45.2 dB to 73.6 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 : JUNE-2026
Location : A1-Danapur Village
Duration of Monitoring : 24 Hour
Report Issued Date : 02.07.2026
Report Number : ULR-TC1723126000000515F

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
01.06.2026	02.06.2026	1339	75.05	100	18.94	60	8.86	80	11.21	80
02.06.2026	03.06.2026	1351	46.87		11.47		10.49		13.27	
08.06.2026	09.06.2026	1419	54.72		10.22		7.82		8.67	
09.06.2026	10.06.2026	1437	78.29		19.17		11.63		14.00	
15.06.2026	16.06.2026	1479	65.65		15.43		9.87		12.70	
16.06.2026	17.06.2026	1508	58.57		15.77		12.66		13.59	
22.06.2026	23.06.2026	1562	72.99		14.04		10.02		11.32	
23.06.2026	24.06.2026	1583	59.16		13.43		8.08		10.61	
Average			63.91		14.81		9.93		11.92	

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.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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ANNEXURE-01

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO., 4500005206 DATED 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyzer
Month : JUNE-2026
Location : A1-Danapur Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.07.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/515

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	01.06.2026	1339	<0.1	4.0
2	02.06.2026	1351	<0.1	
3	08.06.2026	1419	<0.1	
4	09.06.2026	1437	<0.1	
5	15.06.2026	1479	0.10	
6	16.06.2026	1508	0.12	
7	22.06.2026	1562	0.10	
8	23.06.2026	1583	<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

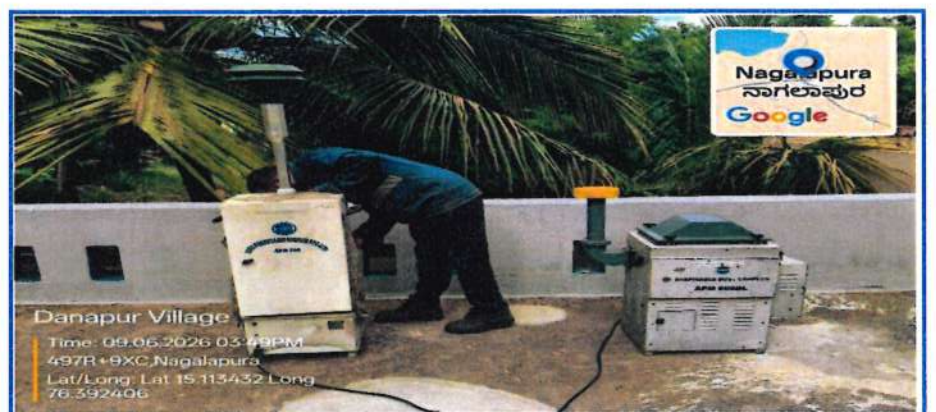
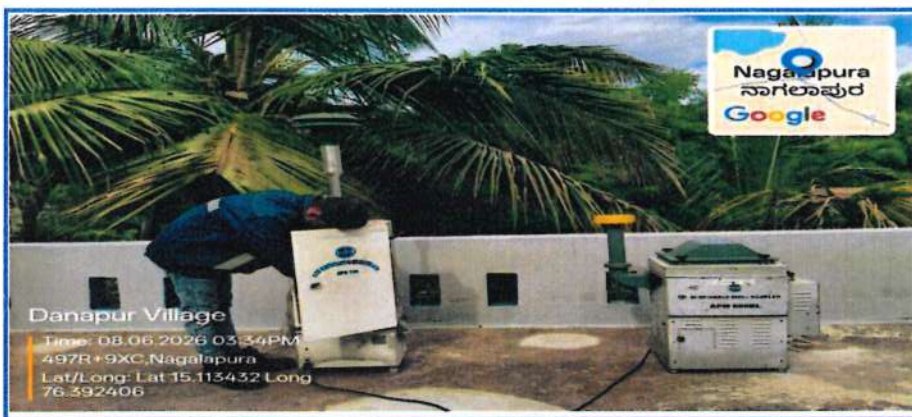
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AMBIENT AIR QUALITY MONITORING

Location: A 1- Danapura

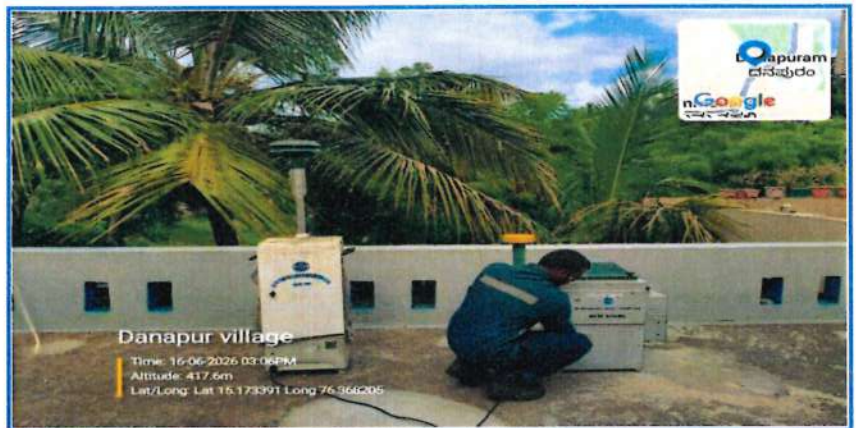
Address: T Kotresh S/o T Thyappa Vyasanjere colony Danapur Near VRM Hospital



AMBIENT AIR QUALITY MONITORING

Location: A 1 - Danapura

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





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TC-17231

ANNEXURE-02

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

RESULTS

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : JUNE-2026
Location : A2-Mariyammanahalli Village
Duration of Monitoring : 24 Hour
Report Issued Date : 02.07.2026
Report Number : ULR-TC1723126000000524F

Parameters			PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]	
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)	
Date of Sampling	Date of Sample Received	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD
03.06.2026	04.06.2026	1369	31.97	100	5.53	60	8.78	80	10.03	80
04.06.2026	05.06.2026	1383	45.26		8.49		10.16		12.15	
08.06.2026	09.06.2026	1420	34.04		11.61		9.74		11.72	
09.06.2026	10.06.2026	1438	43.51		14.73		9.90		12.87	
17.06.2026	18.06.2026	1521	66.06		11.78		11.73		13.55	
18.06.2026	19.06.2026	1533	69.40		14.32		8.17		12.57	
22.06.2026	23.06.2026	1563	61.05		13.04		11.73		12.69	
23.06.2026	24.06.2026	1584	64.66		13.01		8.94		11.81	
Average			52.00		11.56		9.89		12.18	

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/PM2.5 Sampler /52-2020
4	Calibration Date	08.09.2025	08.09.2025
5	Calibration Due Date	07.09.2026	07.09.2026

INFERENCE	As per NAAQMS Standards (2009), Report Status: - Measured Values for the above parameters are within the limit.
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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 : JUNE-2026
Location : A2-Mariyammanahalli Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.07.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/524

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	03.06.2026	1369	0.12	4.0
2	04.06.2026	1383	0.14	
3	08.06.2026	1420	0.12	
4	09.06.2026	1438	0.16	
5	17.06.2026	1521	0.10	
6	18.06.2026	1533	0.12	
7	22.06.2026	1563	0.16	
8	23.06.2026	1584	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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Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
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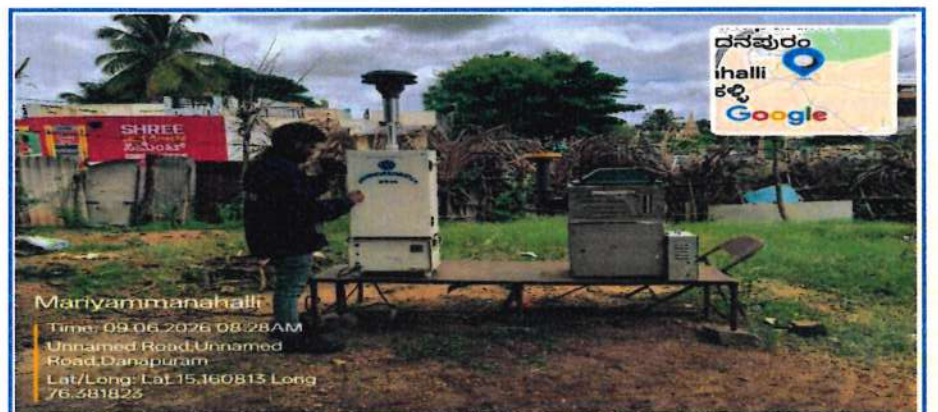
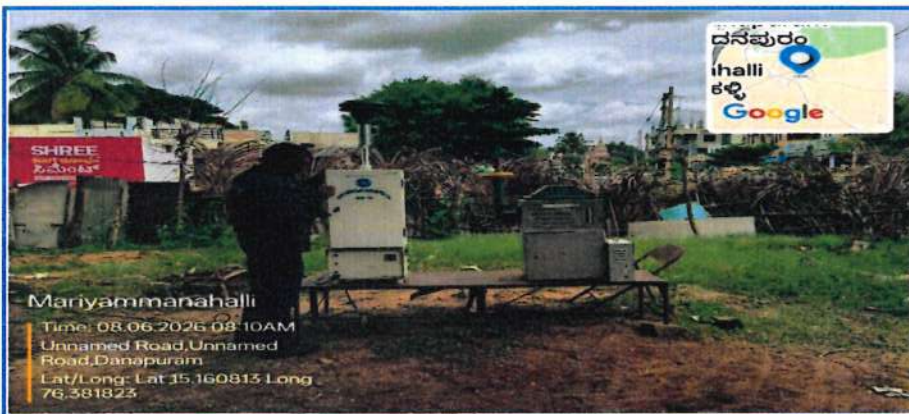
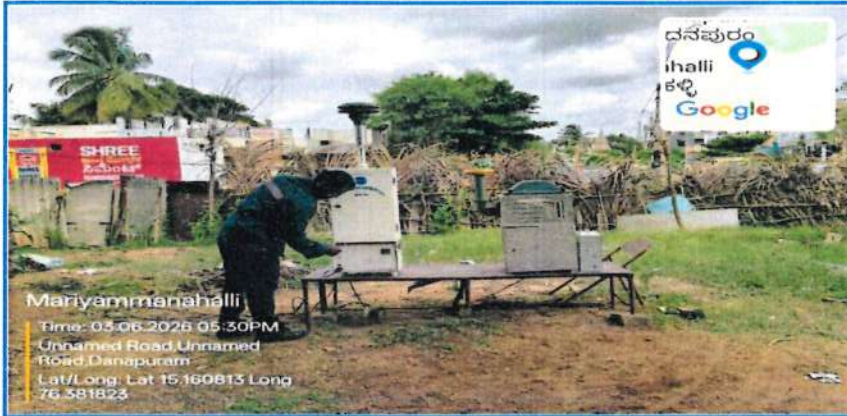
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AMBIENT AIR QUALITY MONITORING

Location: A 2 -Mariyammanahalli

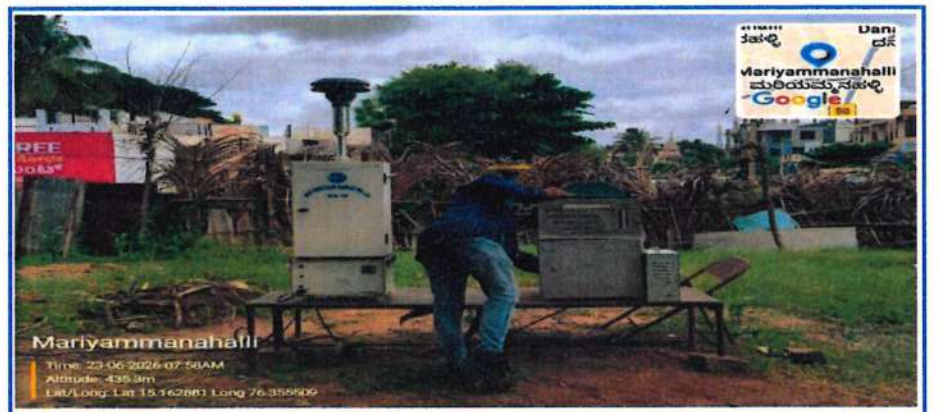
Address: Maruthi G S/o Uppar Ramappa 6th ward venkatapura road, MM Halli



AMBIENT AIR QUALITY MONITORING

Location: A 2 - Mariyammanahalli

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





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TC-17231

ANNEXURE-03

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 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 : JUNE-2026
Location : A3-Hanumanahalli Village
Duration of Monitoring : 24 Hour
Report Issued Date : 02.07.2026
Report Number : ULR-TC172312600000525F

RESULTS

Parameters			PM ₁₀ [µg/m ³]		PM _{2.5} [µg/m ³]		SO ₂ [µg/m ³]		NO ₂ [µg/m ³]	
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS :5182: (Part-6) 2006 (RF-2022)	
Date of Sampling	Date of Sample Received	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD
03.06.2026	04.06.2026	1370	39.50	100	13.74	60	12.25	80	13.79	80
04.06.2026	05.06.2026	1384	46.78		7.53		11.01		15.96	
08.06.2026	09.06.2026	1421	40.34		9.14		11.18		12.06	
09.06.2026	10.06.2026	1439	50.02		14.45		10.69		13.90	
17.06.2026	18.06.2026	1522	60.17		17.46		12.10		14.57	
18.06.2026	19.06.2026	1534	68.47		15.39		9.56		12.61	
22.06.2026	23.06.2026	1564	60.48		16.57		12.47		13.83	
23.06.2026	24.06.2026	1585	69.20		22.39		9.51		14.27	
Average			54.37		14.58		11.10		13.87	

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

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



Reviewed & Authorized Signatory

R.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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SHRI KRISHNA AQUA ENGINEERING WORKS

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

ANNEXURE-03
Format No: SKAEW/7.8/RF/C/01

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : CO Analyzer
Month : JUNE-2026
Location : A3-Hanumanahalli Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.07.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/422

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	03.06.2026	1370	0.16	4.0
2	04.06.2026	1384	0.12	
3	08.06.2026	1421	0.10	
4	09.06.2026	1439	0.18	
5	17.06.2026	1522	0.12	
6	18.06.2026	1534	0.14	
7	22.06.2026	1564	0.12	
8	23.06.2026	1585	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		



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

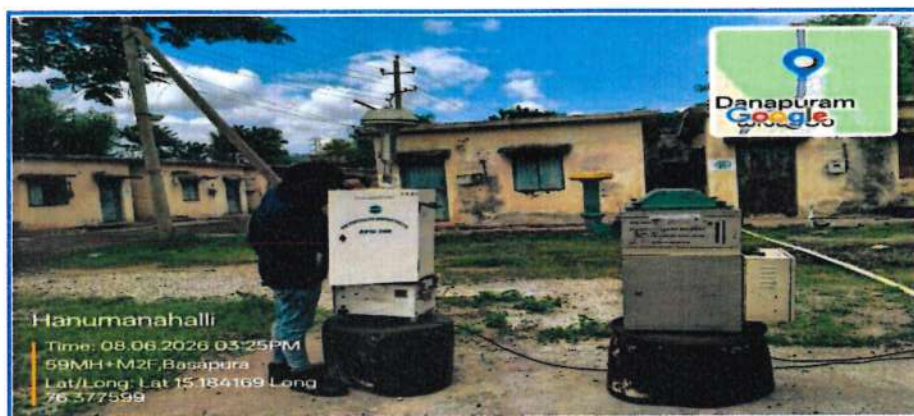
Note:

- 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

Location: A 3- Hanumanahalli

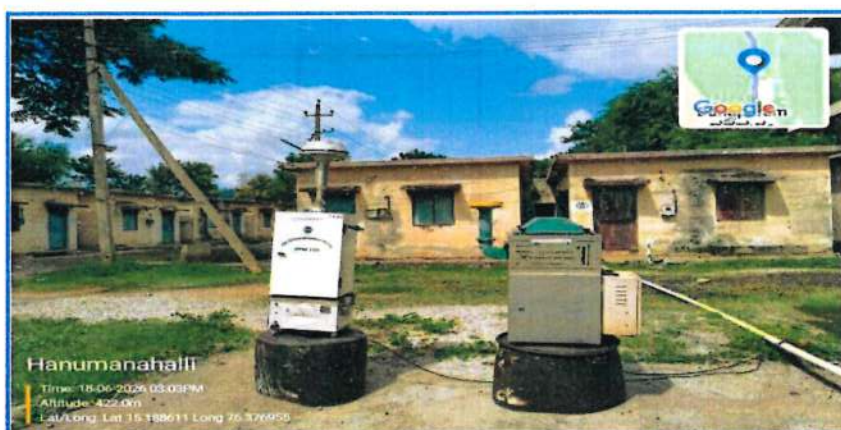
Address: BMM OHC Hospital Hanumanahalli near STP



AMBIENT AIR QUALITY MONITORING

Location: A 3- Hanumanahalli

Address: BMM OHC Hospital Hanumanahalli near STP





SHRI KRISHNA AQUA ENGINEERING WORKS

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



TC-17231

ANNEXURE-04

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : JUNE-2026
Location : A4-Galemmanagudi Village
Duration of Monitoring : 24 Hour
Report Issue Date : 02.07.2026
Report Number : ULR-TC1723126000000512F

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
01.06.2026	02.06.2026	1335	67.69	100	18.59	60	10.70	80	12.13	80
02.06.2026	03.06.2026	1352	49.71		11.61		11.85		12.78	
10.06.2026	11.06.2026	1450	54.15		16.86		9.81		11.53	
11.06.2026	12.06.2026	1459	69.13		21.54		12.72		14.65	
15.06.2026	16.06.2026	1480	73.34		11.31		11.81		12.44	
16.06.2026	17.06.2026	1509	58.78		17.41		15.89		18.50	
24.06.2026	25.06.2026	1599	60.54		15.82		12.17		14.80	
25.06.2026	26.06.2026	1612	46.56		15.67		15.43		17.17	
Average			59.99		16.10		12.55		14.25	

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.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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SHRI KRISHNA AQUA ENGINEERING WORKS

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

ANNEXURE-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 : JUNE-2026
Location : A4-Galemmanagudi Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.07.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/512

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	01.06.2026	1335	0.18	4.0
2	02.06.2026	1352	0.12	
3	10.06.2026	1450	0.16	
4	11.06.2026	1459	0.12	
5	15.06.2026	1480	0.10	
6	16.06.2026	1509	0.12	
7	24.06.2026	1599	0.18	
8	25.06.2026	1612	0.16	

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

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

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

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
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AMBIENT AIR QUALITY MONITORING

Location: A 4 -Galemmanagudi

Address: Jeevan Galemmanagudi Village near welcome board Hanumanhalli Post.



AMBIENT AIR QUALITY MONITORING

Location: A 4- Galemmanagudi

Address: Jeevan Galemmanagudi Village near welcome board Hanumanhalli Post.





SHRI KRISHNA AQUA ENGINEERING WORKS

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1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
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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 : JUNE-2026
Location : A5-G Nagalapura Village
Duration of Monitoring : 24 Hour
Report Issue Date : 02.07.2026
Report Number : ULR-TC1723126000000513F

RESULTS

Parameters			PM10 [µg/m3]		PM2.5 [µg/m3]		SO2 [µg/m3]		NO2 [µg/m3]	
Reference Method			IS:5182: 2006 (Part-23) (RF-2022)		IS 5182 (Part 24): 2019 (RF-2024)		IS:5182: (Part-2) Sec 1:2023		IS:5182: (Part-6) 2006 (RF-2022)	
Date of Sampling	Date of Received Sample	Sample Code	Result	STD	Result	STD	Result	STD	Result	STD
01.06.2026	02.06.2026	1336	41.03	100	9.21	60	8.18	80	9.13	80
02.06.2026	03.06.2026	1354	36.24		11.21		11.22		12.31	
08.06.2026	09.06.2026	1422	53.12		8.30		8.21		9.88	
09.06.2026	10.06.2026	1440	59.41		11.56		10.33		11.69	
15.06.2026	16.06.2026	1481	34.70		11.25		13.84		14.41	
16.06.2026	17.06.2026	1514	40.41		16.26		9.91		12.61	
22.06.2026	23.06.2026	1571	39.77		12.95		9.36		9.72	
23.06.2026	24.06.2026	1587	49.54		10.79		10.06		12.26	
Average			44.28		11.44		10.14		11.50	

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

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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SHRI KRISHNA AQUA ENGINEERING WORKS

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

ANNEXURE-05

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 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 : JUNE-2026
Location : A5- G Nagalapura Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.07.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/513

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	01.06.2026	1336	<0.01	4.0
2	02.06.2026	1354	<0.01	
3	08.06.2026	1422	<0.01	
4	09.06.2026	1440	<0.01	
5	15.06.2026	1481	<0.01	
6	16.06.2026	1514	<0.01	
7	22.06.2026	1571	<0.01	
8	23.06.2026	1587	<0.01	

Note: CO - CO Analyzer Manual (1 Hour)

ND - Not Detected

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

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

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

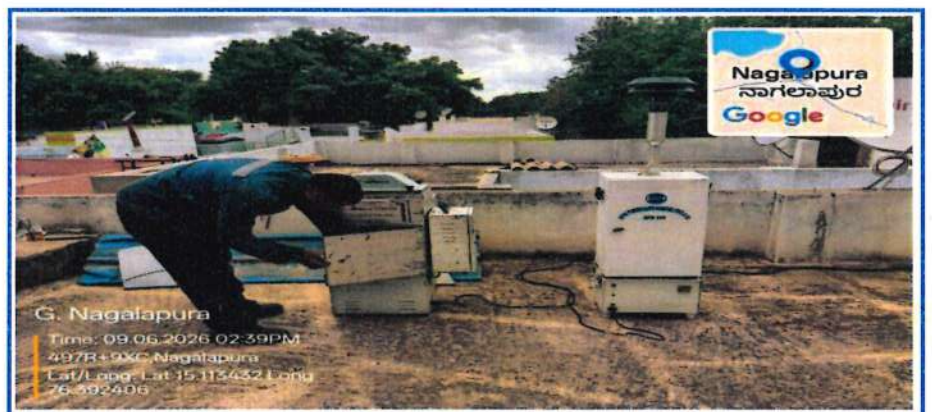
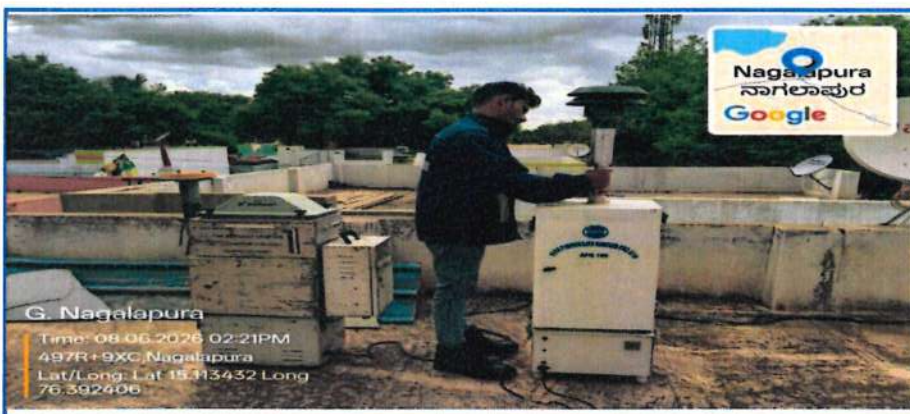
Note:

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AMBIENT AIR QUALITY MONITORING

Location: A 5- G Nagalapura

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



AMBIENT AIR QUALITY MONITORING

Location: A 5- G Nagalapura

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





SHRI KRISHNA AQUA ENGINEERING WORKS

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



TC-17231

ANNEXURE-06

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
Sample collected by : Shri Krishna Aqua Engineering Works
Discipline : Chemical
Group : Atmospheric Pollution
Sample Type : Ambient Air Quality Monitoring
Particulars of Sample Collected : Respirable Dust Sampler, FPS Sampler
Month : JUNE-2026
Location : A6-Gunda Tanda Village
Duration of Monitoring : 24 Hour
Report Issue Date : 02.07.2026
Report Number : ULR-TC1723126000000517F

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
01.06.2026	02.06.2026	1341	35.58	100	14.37	60	9.16	80	10.88	80
02.06.2026	03.06.2026	1353	31.51		7.77		10.14		14.13	
10.06.2026	11.06.2026	1451	43.99		10.12		9.10		11.97	
11.06.2026	12.06.2026	1463	45.42		15.93		11.94		13.59	
15.06.2026	16.06.2026	1482	36.65		9.12		9.03		15.52	
16.06.2026	17.06.2026	1513	45.12		14.87		9.74		10.14	
24.06.2026	25.06.2026	1600	43.51		17.03		11.03		11.99	
25.06.2026	26.06.2026	1613	37.57		9.08		9.25		10.85	
Average			39.92		12.29		9.92		12.39	

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

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

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

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

ANALYSIS REPORT OF AMBIENT AIR QUALITY DATA

Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
Customer Reference : WORKORDER NO.. 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 : JUNE-2026
Location : A6-Gunda Tanda Village
Duration of Monitoring : 1 Hour
Report Issued Date : 02.07.2026
Report Number : SKAEW/BMMIL/NAAQ/2026-27/517

RESULTS

Sl. No.	Date of Sampling	Sample Code	CO (1 Hour) [mg/m ³]	Standard
1	01.06.2026	1341	<0.01	4.0
2	02.06.2026	1353	<0.01	
3	10.06.2026	1451	<0.01	
4	11.06.2026	1463	<0.01	
5	15.06.2026	1482	<0.01	
6	16.06.2026	1513	<0.01	
7	24.06.2026	1600	<0.01	
8	25.06.2026	1613	<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

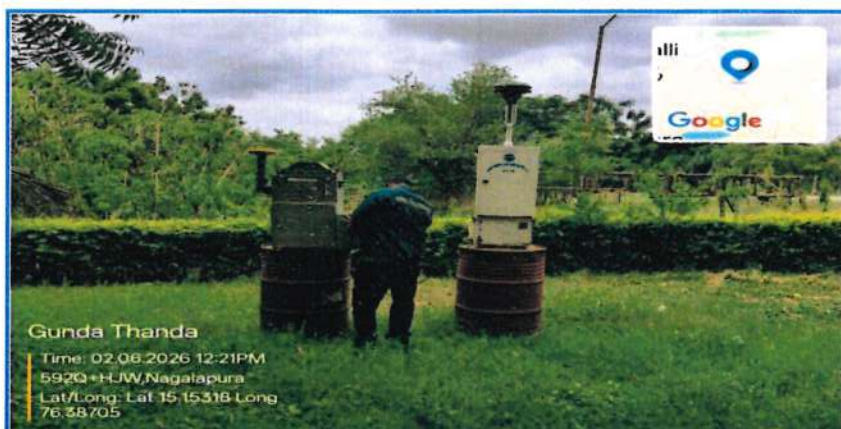
Note:

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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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AMBIENT AIR QUALITY MONITORING

Location: A 6 – Gunda Thanda

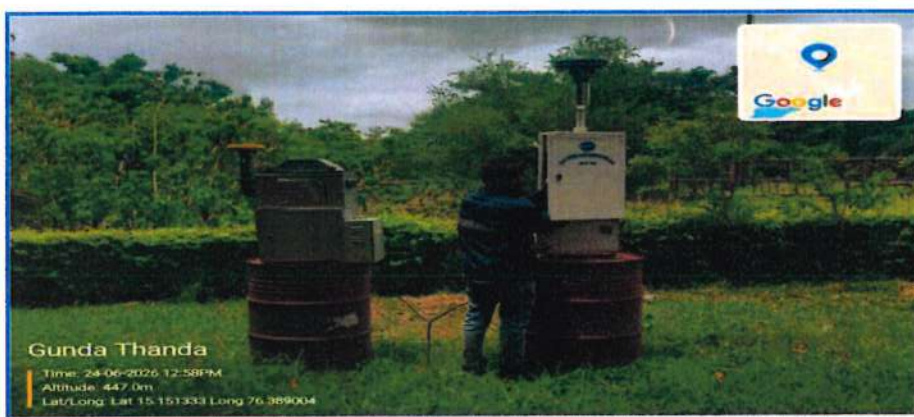
Address: BMM Quarters



AMBIENT AIR QUALITY MONITORING

Location: A 6 – Gunda Thanda

Address: BMM Quarters





SHRI KRISHNA AQUA ENGINEERING WORKS

H.NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
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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	:	02.07.2026
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	1412	06.06.2026	08.06.2026	537.49	2000
2.	Iron Ore Screen	1413	06.06.2026	08.06.2026	430.29	2000
3.	Near Air Compressor	1414	06.06.2026	08.06.2026	305.80	2000
II. Pellet Plant-I						
4.	Near Pellet Plant	1415	06.06.2026	08.06.2026	877.47	2000
5.	Annual Cooler Pellet Discharge bin	1416	06.06.2026	08.06.2026	1322.19	2000
6.	Pellet Stock Yard	1417	08.06.2026	09.06.2026	1962.3	2000
III. Sponge Iron Division-1 (kiln 1 & 2)						
7.	Control Room SID-1	1432	09.06.2026	10.06.2026	1752.2	2000
8.	Near Product bin	1433	09.06.2026	10.06.2026	525.45	2000
9.	Coal Feeding Area	1434	09.06.2026	10.06.2026	354.58	2000
IV. Induction Furnace & Rolling Mill - 1						
10.	IF Office	1428	08.06.2026	09.06.2026	497.26	2000
11.	TMT Stock Yard	1429	08.06.2026	09.06.2026	448.45	2000
12.	RML Gasifier	1430	08.06.2026	09.06.2026	780.34	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	1435	09.06.2026	10.06.2026	144.35	2000
14.	25 MW ACC	1448	10.06.2026	11.06.2026	137.84	2000
VI. Site Services						
15.	PGP- coal handling system	1431	08.06.2026	09.06.2026	386.80	2000
16.	IF Slag Crusher	1436	09.06.2026	10.06.2026	1061.05	2000
17.	Main Gate	1447	10.06.2026	11.06.2026	125.82	2000
18.	Fly ash Dump	1401	05.06.2026	06.06.2026	1511.96	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

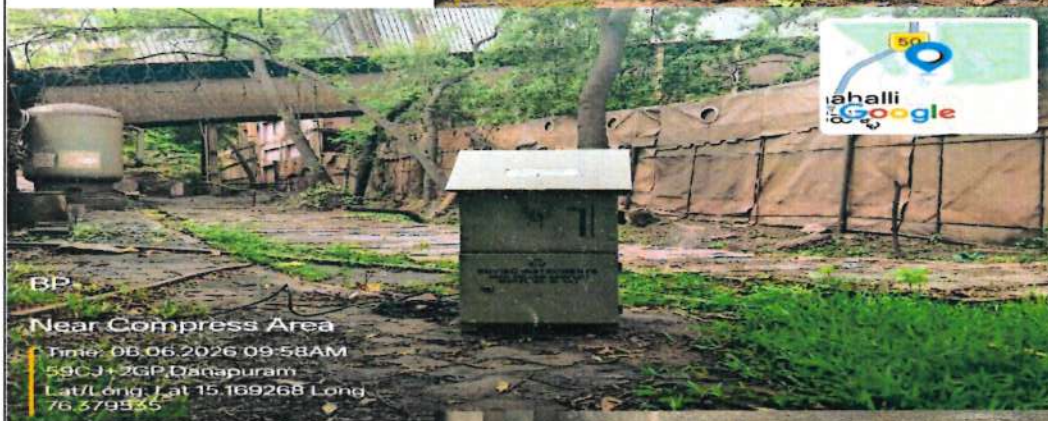
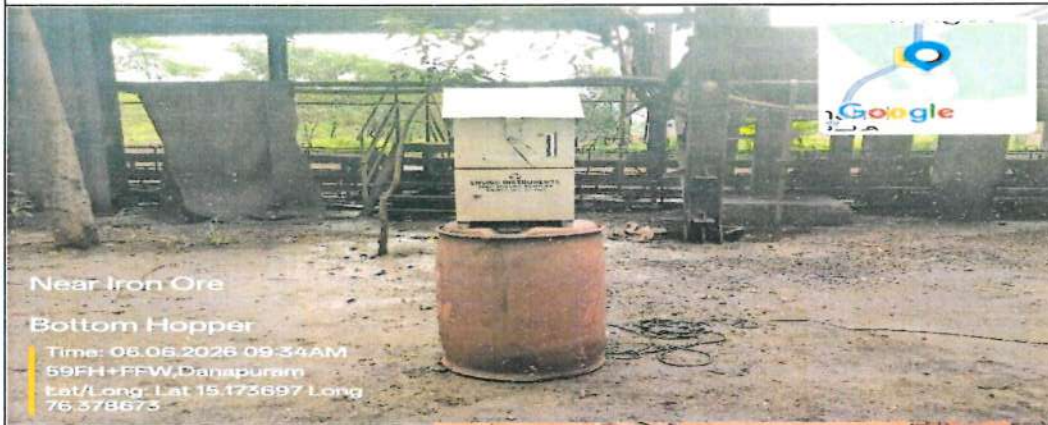
R.H. Bengeri

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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Pellet Stock Yard

Time: 08.06.2026 09:46AM
 599M+93, Danapuram
 Lat/Long: Lat 15.168401 Long
 76.582697



IF Office

Time: 08.06.2026 10:00AM
 599G+VV9, Danapuram
 Lat/Long: Lat 15.169663 Long
 76.577215



TMT Stock Yard

Time: 08.06.2026 09:57AM
 599G+VV9, Danapuram
 Lat/Long: Lat 15.169663 Long
 76.577215



RML Gasifier

Time: 08.06.2026 10:05AM
 599G+VV9, Danapuram
 Lat/Long: Lat 15.169663 Long
 76.577215



Control Room SID-1

Time: 09.06.2026 09:54AM
 59F-G+28, Danapuram
 Lat/Long: Lat 15.172618 Long



**IF Slag Area**

Time: 09.06.2026 10:27AM
59FG+28,Danapuram
Lat/Long: Lat 15.172618 Long
76.375843

**Main Gate**

Time: 10.06.2026 09:58AM
59FF+768,Danapuram
Lat/Long: Lat 15.173167 Long
76.37309

**Fly ash Dump**

Time: 05.06.2026 09:00AM
Unnamed Road,Unnamed
Road,Danapuram
Lat/Long: Lat 15.175329 Long
76.392983



SHRI KRISHNA AQUA ENGINEERING WORKS

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

ANNEXURE-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	:	02.07.2026
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	1572	22.06.2026	23.06.2026	1297.19	2000
2.	Iron Ore Screen	1573	22.06.2026	23.06.2026	594.11	2000
3.	Near Air Compressor	1574	22.06.2026	23.06.2026	728.65	2000
II. Pellet Plant-I						
4.	Near Pellet Plant	1575	22.06.2026	23.06.2026	1862.3	2000
5.	Annual Cooler Pellet Discharge bin	1576	22.06.2026	23.06.2026	1985.2	2000
6.	Pellet Stock Yard	1588	23.06.2026	24.06.2026	1746.9	2000
III. Sponge Iron Division-1(kiln 1 & 2)						
7.	Control Room SID-I	1601	24.06.2026	25.06.2026	839.65	2000
8.	Near Product bin	1602	24.06.2026	25.06.2026	869.19	2000
9.	Coal Feeding Area	1603	24.06.2026	25.06.2026	792.85	2000
IV. Induction Furnace & Rolling Mill						
10.	IF Office	1589	23.06.2026	24.06.2026	361.06	2000
11.	TMT Stock Yard	1590	23.06.2026	24.06.2026	1317.51	2000
12.	RML Gasifier	1591	23.06.2026	24.06.2026	648.96	2000
V. Power Plant 25 MW-1						
13.	25 MW ESP	1604	24.06.2026	25.06.2026	1774.61	2000
14.	25 MW ACC	1614	25.06.2023	26.06.2026	299.19	2000
VI. Site Services						
15.	PGP- Coal handling system	1592	23.06.2026	24.06.2026	1304.66	2000
16.	IF Slag Crusher	1605	24.06.2026	25.06.2026	1802.20	2000
17.	Main Gate	1615	25.06.2026	26.06.2026	141.34	2000
18.	Fly ash Dump	1557	20.06.2026	22.06.2026	557.84	2000

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

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

End of the Report



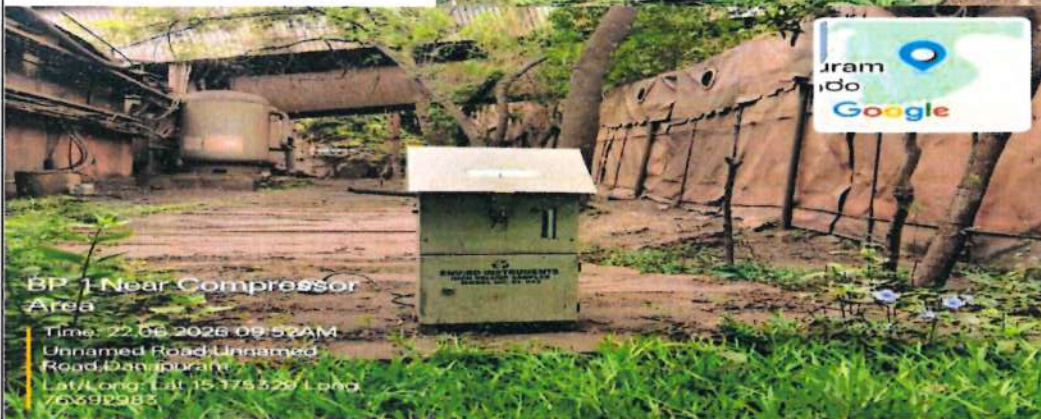
Reviewed & Authorized Signatory

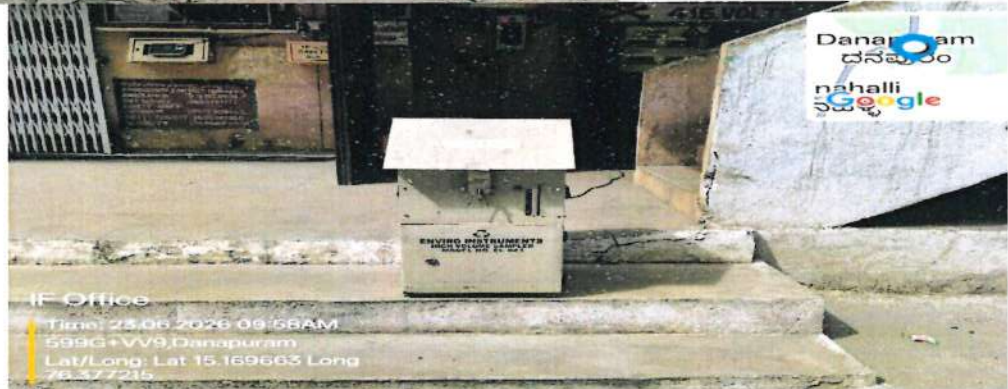
R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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







FUGITIVE EMISSION MONITORING ANNEXURE-8





SHRI KRISHNA AQUA ENGINEERING WORKS

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ANNEXURE-09

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

FORTNIGHTLY FUGITIVE AIR QUALITY DATA MONITORING

1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2 Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
3 Sample collected by : Shri Krishna Aqua Engineering Works
4 Particulars of sample collected : HVS Sampler (HVS-01, HVS-02, HVS-03, HVS-04, HVS-05)
5 Month : (1st Fort Night)
6 Discipline : Chemical
7 Group : Atmospheric Pollution
8 Method adopted : IS 5182 (Part 4): 1999 RA 2014
9 Report Issued Date : 02.07.2026
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	1455	10.06.2026	11.06.2026	1992.2	2000
2.	Stock House	1456	10.06.2026	11.06.2026	1842.2	2000
3.	Gas Network Area	1457	10.06.2026	11.06.2026	279.11	2000
4.	Blower Area	1464	11.06.2026	12.06.2026	269.50	2000
5.	Gas Cleaning plant (GCP)	1465	11.06.2026	12.06.2026	982.97	2000
6.	Stove Area	1466	11.06.2026	12.06.2026	1696.72	2000
7.	Control ROOM (CR)	1467	11.06.2026	12.06.2026	449.29	2000
8.	Pig Costing Machine (PCM)	1472	12.06.2026	13.06.2026	660.36	2000
9.	Slag Granulation Plant (SGP)	1473	12.06.2026	13.06.2026	1626.3	2000
10.	Cost House Area	1468	11.06.2026	12.06.2026	150.92	2000
SMS Area						
1.	Stock House/Vibro Feeders	1474	12.06.2026	13.06.2026	1871.2	2000
2.	Ladle Tapping	1475	12.06.2026	13.06.2026	679.15	2000
3.	Slag pouring Area	1476	12.06.2026	13.06.2026	1098.69	2000
MBM						
1.	Near Re-Heating Furnace	1477	13.06.2026	15.06.2026	346.86	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

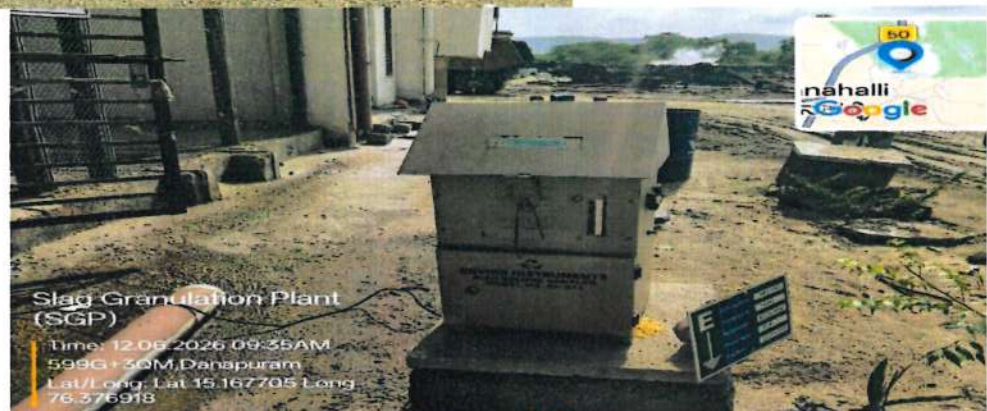
R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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- 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-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	:	02.07.2026
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)	1345	01.06.2026	02.06.2026	351.79	2000
2.	Concentrate Thickner	1346	01.06.2026	02.06.2026	665.41	2000
3.	Near Cone Crusher	1347	01.06.2026	02.06.2026	821.70	2000
II. Pellet Plant						
4.	PR-6	1348	01.06.2026	02.06.2026	241.03	2000
5.	Annual Cooler Pellet Discharge bin	1349	01.06.2026	02.06.2026	493.79	2000
6.	Additive Grinding Building	1375	03.06.2026	04.06.2026	1882.5	2000
III. Sponge Iron Division -2 (Kiln 3 & 4)						
7.	Control room	1361	02.06.2026	03.06.2026	759.44	2000
8.	Near Weigh bridge (dispatch)	1362	02.06.2026	03.06.2026	287.00	2000
9.	Transfer House area	1363	02.06.2026	03.06.2026	792.30	2000
10.	Production Separation Bin-PSB	1364	02.06.2026	03.06.2026	878.63	2000
11.	Pellet Storage bin	1365	02.06.2026	03.06.2026	600.54	2000
IV. Sponge Iron Division -3 (Kiln 5 & 6)						
12.	Near Control room	1376	03.06.2026	04.06.2026	1360.19	2000
13.	Near Product bin	1377	03.06.2026	04.06.2026	1636.6	2000
14.	Near Coal Crusher	1378	03.06.2026	04.06.2026	1957.27	2000
15.	Coal Dryer	1389	04.06.2026	05.06.2026	291.28	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



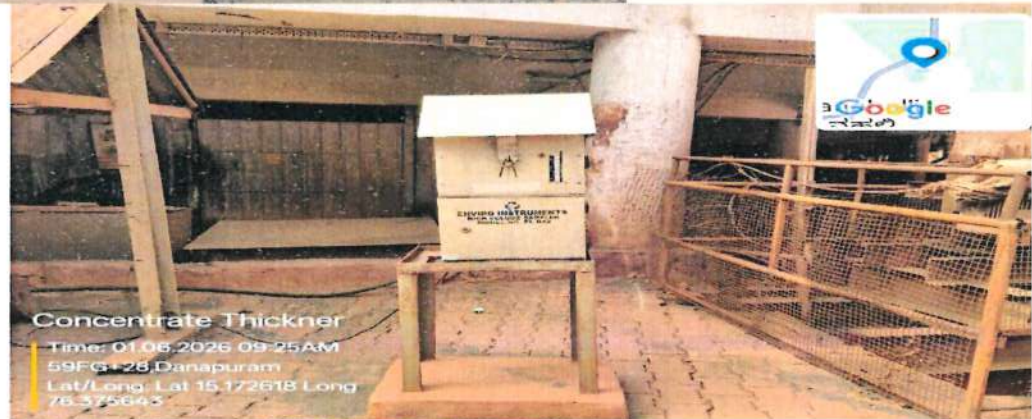
Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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	:	02.07.2026
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	1379	03.06.2026	04.06.2026	1050.15	2000
17.	Monsoon Shed (CPU)	1390	04.06.2026	05.06.2026	425.65	2000
18.	MCC Room (2 nd Gate)	1391	04.06.2026	05.06.2026	292.74	2000
Power plant -70M						
19.	70MW-DM Plant (Near R.O. Plant)	1392	04.06.2026	05.06.2026	608.40	2000
20.	2 nd gateweigh bridge Near Coal Screen	1405	05.06.2026	06.06.2026	650.73	2000
21.	CFBC boiler	1393	04.06.2026	05.06.2026	363.34	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	1402	05.06.2026	06.06.2026	195.12	2000
23.	Near Coal storage Shed	1403	05.06.2026	06.06.2026	345.24	2000
24.	Dolochar Processing Area	1404	05.06.2026	06.06.2026	244.85	2000

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

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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

Time: 04.06.2026 09:34AM
59CF+GVR,Danapuram
Lat/Long: Lat 15.171174 Long
76.374694



Near Boiler

Time: 05.06.2026 09:17AM
Unnamed Road,Unnamed
Road,Danapuram
Lat/Long: Lat 15.175289 Long
76.38866



Near Coal storage Shed

Time: 05.06.2026 09:09AM
Unnamed Road,Unnamed
Road,Danapuram
Lat/Long: Lat 15.175289 Long
76.38866



CPP Dolocher Process Area

Time: 05.06.2026 09:27AM
Unnamed Road,Unnamed
Road,Danapuram
Lat/Long: Lat 15.175289 Long
76.38866



SHRI KRISHNA AQUA ENGINEERING WORKS

H NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
1ST CROSS, VIDYANAGAR, HUBLI, DHARWAD, KARNATAKA, INDIA.
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ANNEXURE-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	:	JUNE-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	:	02.07.2026
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)	1501	16.06.2026	17.06.2026	541.81	2000
2.	Concentrate Thickner	1502	16.06.2026	17.06.2026	1271.94	2000
3.	Near Cone Crusher	1503	16.06.2026	17.06.2026	1804.50	2000
II. Pellet Plant-I						
4.	PR-6	1504	16.06.2026	17.06.2026	818.34	2000
5.	Annual Cooler Pellet Discharge bin	1505	16.06.2026	17.06.2026	1024.27	2000
6.	Additive Grinding Building	1528	18.06.2026	19.06.2026	1475.5	2000
III. Sponge Iron Division -2 (Kiln 3&4)						
7.	Control room	1515	17.06.2026	18.06.2026	570.48	2000
8.	Near Weigh bridge (dispatch)	1516	17.06.2026	18.06.2026	1003.62	2000
9.	Transfer House area	1517	17.06.2026	18.06.2026	768.20	2000
10.	Production Separation Bin-PSB	1518	17.06.2026	18.06.2026	873.77	2000
11.	Pellet Storage bin	1519	17.06.2026	18.06.2026	516.01	2000
IV. Sponge Iron Division -2 (Kiln 5&6)						
12.	Near Control room	1529	18.06.2026	19.06.2026	1646.78	2000
13.	Near Coal Crusher	1530	18.06.2026	19.06.2026	1946.6	2000
14.	Near Product bin	1531	18.06.2026	19.06.2026	1748.5	2000
15.	Coal Drier	1547	19.06.2026	20.06.2026	1078.14	2000

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

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

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



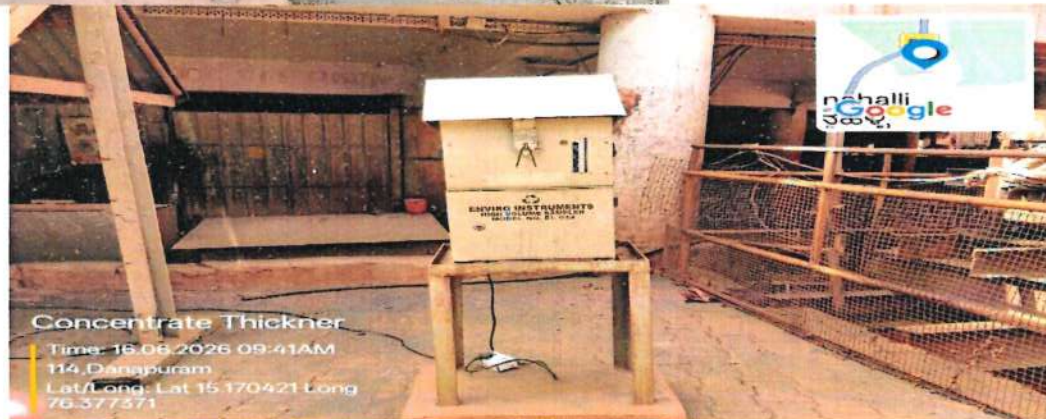
Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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

Time: 17.06.2026 10:10AM
598J+V3,Danapuram
Lat/Long: Lat 15.167273 Long 76.380153



SID-3 Near Control room

Time: 18.06.2026 09:42AM
114,Danapuram
Lat/Long: Lat 15.170421 Long 76.377371



SID-3 Near Product bin

Time: 18.06.2026 09:47AM
114,Danapuram
Lat/Long: Lat 15.170421 Long 76.377371



SID-3 Near Coal crusher

Time: 18.06.2026 09:51AM
59FH+FFW,Danapuram
Lat/Long: Lat 15.173597 Long 76.378672



coal Dryer

Time: 19.06.2026 09:42AM
599J+RMR,Danapuram
Lat/Long: Lat 15.169758 Long 76.382427



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	:	JUNE-2026(2ND Fort Night)
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Method adopted	:	IS 5182 (Part 4): 1999 RA 2014
9	Report Issued Date	:	02.07.2026
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	1532	18.06.2026	19.06.2026	412.00	2000
17.	Monsoon Shed (CPU)	1548	19.06.2026	20.06.2026	1216.86	2000
18.	MCC Room (2 nd Gate)	1549	19.06.2026	20.06.2026	992.02	2000
VI. Power Plant-70 MW						
19.	70MW-DM Plant (Near R.O. Plant)	1550	19.06.2026	20.06.2026	319.29	2000
20.	2 nd gateweigh bridge Near Coal Screen	1558	20.06.2026	22.06.2026	764.43	2000
21.	CFBC boiler	1551	19.06.2026	20.06.2026	191.38	2000
VII. 2X70MW Power Plant						
22.	Near Boiler	1559	20.06.2026	22.06.2026	268.69	2000
23.	Near Coal storage Shed	1560	20.06.2026	22.06.2026	1238.86	2000
24.	CPP Dolochar Process Area	1586	23.06.2026	24.06.2026	227.40	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.
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Near Tipping point

Time: 18.06.2026 09:07AM
59CH+FEW,Danapuram
Lat/Long: Lat 15.173897 Long
76.578075



monsoon Shed (CPU)

Time: 19.06.2026 09:37AM
599J+RMR,Danapuram
Lat/Long: Lat 15.169758 Long
76.382427



MCC Room (2nd Gate)

Time: 19.06.2026 09:48AM
599J+RMR,Danapuram
Lat/Long: Lat 15.169758 Long
76.382427



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

Time: 19.06.2026 09:27AM
599J+RMR,Danapuram
Lat/Long: Lat 15.169758 Long
76.382427



2ND Gate weigh bridge
(near Coal Screen)

Time: 20.06.2026 09:56AM
59FG+28,Danapuram
Lat/Long: Lat 15.172618 Long
76.375643



CFBC Boiler

Time: 19.06.2026 09:31AM
599 J+RMR,Danapuram
Lat/Long: Lat 15.189755 Long
76.387427



Near Boiler

Time: 20.06.2026 10:58AM
Unnamed Road,Unnamed
Road,Danapuram
Lat/Long: Lat 15.174884 Long
76.390755



Near Coal storage Shed

Time: 20.06.2026 10:42AM
Unnamed Road,Unnamed
Road,Danapuram
Lat/Long: Lat 15.175289 Long
76.38866



CPP Dolocher Process Area

Time: 20.06.2026 10:30AM
59FG+28,Danapuram
Lat/Long: Lat 15.172618 Long
76.375843



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	:	JUNE-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	:	02.07.2026
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	1616	25.06.2026	26.06.2026	1856.3	2000
2.	Stock House	1617	25.06.2026	26.06.2026	1933.6	2000
3.	Gas Network Area	1618	25.06.2026	26.06.2026	420.78	2000
4.	Blower Area	1622	26.06.2026	27.06.2026	365.06	2000
5.	Gas Cleaning plant (GCP)	1623	26.06.2026	27.06.2026	1043.06	2000
6.	Stove Area	1624	26.06.2026	27.06.2026	849.16	2000
7.	Control ROOM (CR)	1625	26.06.2026	27.06.2026	258.54	2000
8.	Pig Costing Machine (PCM)	1630	27.06.2026	28.06.2026	177.39	2000
9.	Slag Granulation Plant (SGP)	1631	27.06.2026	28.06.2026	249.41	2000
10.	Cost House Area	1626	26.06.2026	27.06.2026	243.04	2000
SMS Area						
1.	Stock House/Vibro Feeders	1632	27.06.2026	28.06.2026	1982.4	2000
2.	Laddle Tapping	1633	27.06.2026	28.06.2026	327.84	2000
3.	Slag pouring Area	1634	27.06.2026	28.06.2026	983.19	2000
MBM						
1.	Near Re-Heating Furnace	1636	29.06.2026	30.06.2026	341.53	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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RMHS

Time: 25.06.2026 10:01AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.381158



House

Time: 25.06.2026 10:10AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.381158



Gas Network Area

Time: 25.06.2026 09:54AM
59FF+768,Danapuram
Lat/Long: Lat 15.173167 Long
76.37309



Blower Area

Time: 26.06.2026 09:38AM
5988+PGF,Danapuram
Lat/Long: Lat 15.166814 Long
76.366307



Gas Cleaning Plant (GCP)

Time: 26.06.2026 09:42AM
598J+FF3,Danapuram
Lat/Long: Lat 15.166141 Long
76.381158

FUGITIVE EMISSION MONITORING ANNEXURE-12





Stock House/Vibro Feeders

Time: 27.06.2026 09:53AM
59CJ+2GP,Danapuram
Lat/Long: Lat 15.169268 Long 76.379535



Ladle Tapping

Time: 27.06.2026 09:58AM
59CJ+2GP,Danapuram
Lat/Long: Lat 15.169268 Long 76.379535



Slag Pouring Area

Time: 27.06.2026 09:50AM
59CJ+2GP,Danapuram
Lat/Long: Lat 15.169268 Long 76.379535



MBM- near re heating furnace

Time: 29.06.2026 09:59AM
Altitude: 444.4m
Lat/Long: Lat 15.167705 Long 76.376918



SHRI KRISHNA AQUA ENGINEERING WORKS

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



TC-17231

ANNEXURE-13

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 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	:	JUNE-2026
11	Date of Sample Received	:	03.06.2026 & 18.06.2026
12	Date of Sample Analysis	:	04.06.2026 & 19.06.2026
13	Date of Sample Analysis completion	:	04.06.2026 & 19.06.2026
14	Report Issued Date	:	02.07.2026
15	Report Number	:	ULR-TC1723126000000521F

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	
				02.06.2026	17.06.2026	
	Date of Sample Collected			1350	1520	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	57	55	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.57	5.62	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	32.24	29.68	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	181	141	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.039	0.032	1

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

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Notes:

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

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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	:	JUNE-2026
11	Date of Sample Received	:	03.06.2026 & 18.06.2026
12	Date of Sample Analysis	:	04.06.2026 & 19.06.2026
13	Date of Sample Analysis completion	:	04.06.2026 & 19.06.2026
14	Report Issued Date	:	02.07.2026
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	
				02.06.2026	17.06.2026	
	Date of Sample Collected			1350	1520	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	32	33	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	68	59	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	275469	279645	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	305170	307838	-

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.
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4. Total BDL - Below Detectable Limit, DL - Detection Limit.
5. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the court of Law and should not be used in any advertising media without written approval of the laboratory. Subjected to Hubli Jurisdiction.

STACK EMISSION LOCATIONS

Pellet Plant-1 ESP





SHRI KRISHNA AQUA ENGINEERING WORKS

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



TC-17231

ANNEXURE-14

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: 2X100 TPD Sponge iron plant Kiln 1 & 2
10	Month of Sampling	: JUNE-2026
11	Date of Sample Received	: 09.06.2026 & 23.06.2026
12	Date of Sample Analysis	: 10.06.2026 & 24.06.2026
13	Date of Sample Analysis completion	: 10.06.2026 & 24.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: ULR-TC1723126000000535F

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	
				08.06.2026	22.06.2026	
	Date of Sample Collected			1423	1565	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	171	176	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.25	6.46	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	18.29	16.18	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	329	409	N
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.149	0.162	1

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

Reviewed & Authorized Signatory



R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-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	: JUNE-2026
11	Date of Sample Received	: 09.06.2026 & 23.06.2026
12	Date of Sample Analysis	: 10.06.2026 & 24.06.2026
13	Date of Sample Analysis completion	: 10.06.2026 & 24.06.2026
14	Report Issued Date	: 02.07.2026
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	
				08.06.2026	22.06.2026	
	Date of Sample Collected			1423	1565	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	29	31	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	57	62	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	47377	48439	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	70691	73051	-

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

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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





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TC-17231

ANNEXURE-15

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works,
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : JUNE-2026 (1st Fort Night)-
- 10 Date of Sample Received : -
- 11 Date of Sample Analysis : -
- 12 Date of Sample Analysis completion : -
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : -

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

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

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works,
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : JUNE-2026 (1st Fort Night)
- 10 Date of Sample Received : -
- 11 Date of Sample Analysis : -
- 12 Date of Sample Analysis completion : -
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : -

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

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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

ANNEXURE-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	:	JUNE-2026
11	Date of Sample Received	:	08.06.2026
12	Date of Sample Analysis	:	09.06.2026
13	Date of Sample Analysis completion	:	09.06.2026
14	Report Issued Date	:	02.07.2026
15	Report Number	:	ULR-TC1723126000000531F

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
	Date of Sample Collected			1 st Fort Night	2 nd Fort Night	
	Sample Code			06.06.2026	-	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	1405	Shutdown	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	81		-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	6.12		50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	39.16		NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	49		1
				0.217		

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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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	:	JUNE-2026
11	Date of Sample Received	:	08.06.2026
12	Date of Sample Analysis	:	09.06.2026
13	Date of Sample Analysis completion	:	09.06.2026
14	Report Issued Date	:	02.07.2026
15	Report Number	:	SKAEW/BMMIL/STACK /2026-27/531

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
	Date of Sample Collected			06.06.2026	-	
	Sample Code			1405		
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	28	Shutdown	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	167		NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	9294		-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	11076		-

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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STACK EMISSION LOCATIONS

Rolling mill re-heating furnace





SHRI KRISHNA AQUA ENGINEERING WORKS

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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	:	JUNE-2026
11	Date of Sample Received	:	-
12	Date of Sample Analysis	:	-
13	Date of Sample Analysis completion	:	-
14	Report Issued Date	:	02.07.2026
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.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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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	: JUNE-2026
11	Date of Sample Received	: -
12	Date of Sample Analysis	: -
13	Date of Sample Analysis completion	: -
14	Report Issued Date	: 02.07.2026
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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- Samples are Retained for 15 days after issue of test reports.
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TC-17231

ANNEXURE-18

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Month of Sampling	: JUNE-2026 (1st Fort Night)
10	Date of Sample Received	: 08.06.2026
11	Date of Sample Analysis	: 09.06.2026
12	Date of Sample Analysis completion	: 10.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000532F

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	06.06.2026	1406	-		4.72	30	0.4	13.65	50
2	Iron Ore Screen bin	06.06.2026	1407	-		4.75	30	0.4	17.05	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore dump hopper	2135	-
2	Iron Ore Screen bin	2148	-

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.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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ANNEXURE-18A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	JUNE-2026 (1st Fort Night)
10	Date of Sample Received	:	08.06.2026
11	Date of Sample Analysis	:	09.06.2026
12	Date of Sample Analysis completion	:	10.06.2026
13	Report Issued Date	:	02.07.2026
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	06.06.2026	1406	28	2083	-
2	Iron Ore Screen bin	06.06.2026	1407	29	2083	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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

ANNEXURE-19

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 Dated 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : JUNE-2026 (1st Fort Night)
- 10 Date of Sample Received : 12.06.2026 & 15.06.2026
- 11 Date of Sample Analysis : 13.06.2026 & 16.06.2026
- 12 Date of Sample Analysis completion : 13.06.2026 & 16.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : ULR-TC1723126000000542F

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)										
RMHS										
3	Screen, Coal Crusher (CPU)	11.06.2026	1461	-	39	5.16	35	1.5	35.04	50
4	Main Crusher	13.06.2026	1478	-	33	4.58	25	0.5	10.33	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	32799	-
4	Main Crusher	3235	-

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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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-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	: JUNE-2026 (1st Fort Night)
10	Date of Sample Received	: 12.06.2026 & 15.06.2026
11	Date of Sample Analysis	: 13.06.2026 & 16.06.2026
12	Date of Sample Analysis completion	: 13.06.2026 & 16.06.2026
13	Report Issued Date	: 02.07.2026
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)	11.06.2026	1461	34	31126	-
4	Main Crusher	13.06.2026	1478	29	3148	-

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

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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TC-17231

ANNEXURE-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 : JUNE-2026 (1st Fort Night)
- 10 Date of Sample Received : 03.06.2026 & 04.06.2026
- 11 Date of Sample Analysis : 04.06.2026 & 05.06.2026
- 12 Date of Sample Analysis completion : 04.06.2026 & 05.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : ULR-TC1723126000000522F

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	02.06.2026	1355	-	36	4.63	6.5	0.50	24.84	50
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	02.06.2026	1356	-	37	4.89	3.0	0.30	19.79	50
7	Bentonite Powder bin top bag filter	02.06.2026	1357	-	38	4.83	3.0	0.30	23.51	50
8	H-4 Conveyor discharge bag filter	Shutdown	-	-	-	-	7.0	0.50	-	50
9	P-1 Bag Filter	03.06.2026	1371	-	38	4.80	7.0	0.50	31.49	50

Sl. No	Pellet Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
5	AGB Main Bag Filter	3273	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	1245	-
7	Bentonite Powder bin top bag filter	1230	-
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.H. 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	: JUNE-2026 (1st Fort Night)
10	Date of Sample Received	: 03.06.2026 & 04.06.2026
11	Date of Sample Analysis	: 04.06.2026 & 05.06.2026
12	Date of Sample Analysis completion	: 04.06.2026 & 05.06.2026
13	Report Issued Date	: 02.07.2026
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	02.06.2026	1355	32	3153	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	02.06.2026	1356	33	1193	-
7	Bentonite Powder bin top bag filter	02.06.2026	1357	34	1173	-
8	H-4 Conveyor discharge bag filter	Shutdown	-	-	-	-
9	P-1 Bag Filter	03.06.2026	1371	30	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:

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

ANNEXURE-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	: JUNE-2026 (1st Fort Night)
10	Date of Sample Received	: 11.06.2026 & 12.06.2026
11	Date of Sample Analysis	: 12.06.2026 & 13.06.2026
12	Date of Sample Analysis completion	: 12.06.2026 & 13.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC172312600000538F

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	10.06.2026	1452	---	34	4.62	30	1.20	27.26	50
11	Cooler-2 Discharge	10.06.2026	1453	---	35	4.94	30	1.20	26.93	50
12	Intermediate Bin & Blending	11.06.2026	1460	---	34	4.71	30	1.20	20.78	50
13	Product House	11.06.2026	1461	---	36	4.88	30	1.20	29.07	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	18828	-
11	Cooler-2 Discharge	20113	-
12	Intermediate Bin & Blending	19177	-
13	Product House	19860	-

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

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

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger



Note:

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ANNEXURE-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 : JUNE-2026 (1st Fort Night)
- 10 Date of Sample Received : 11.06.2026 & 12.06.2026
- 11 Date of Sample Analysis : 12.06.2026 & 13.06.2026
- 12 Date of Sample Analysis completion : 12.06.2026 & 13.06.2026
- 13 Report Issued Date : 02.07.2026
- 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	10.06.2026	1452	30	18189	-
11	Cooler-2 Discharge	10.06.2026	1453	31	19355	-
12	Intermediate Bin & Blending	11.06.2026	1460	31	18556	-
13	Product House	11.06.2026	1461	33	19040	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
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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	:	JUNE-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	:	02.07.2026
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. H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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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	:	JUNE-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	:	02.07.2026
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

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-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 : JUNE-2026 (2nd Fort Night)
- 10 Date of Sample Received : 23.06.2026
- 11 Date of Sample Analysis : 24.06.2026
- 12 Date of Sample Analysis completion : 24.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : ULR-TC1723126000000569F

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	22.06.2026	1566	---	34	4.88	30	0.4	13.25	50
2	Iron Ore Screen bin	22.06.2026	1567	---	36	4.83	30	0.4	16.81	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore dump hopper	2207	-
2	Iron Ore Screen bin	2186	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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ANNEXURE-23A

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

Analysis Report of Stack Emission

- 1 Name of the Industry : BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
- 2 Customer Reference : WORKORDER NO.. 4500005206 DATED 05.06.2026
- 3 Sample collected by : Shri Krishna Aqua Engineering Works
- 4 Particulars of sample collected : Stack Sampler
Sl. No: PT-25/2019
- 5 Instrument Details : Calibration Date: 15.09.2025
Calibration Due Date: 14.09.2026
- 6 Discipline : Chemical
- 7 Group : Atmospheric Pollution
- 8 Sample Type : Stack Monitoring
- 9 Month of Sampling : JUNE-2026 (2nd Fort Night)
- 10 Date of Sample Received : 23.06.2026
- 11 Date of Sample Analysis : 24.06.2026
- 12 Date of Sample Analysis completion : 24.06.2026
- 13 Report Issued Date : 02.07.2026
- 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	22.06.2026	1566	31	2139	-
2	Iron Ore Screen bin	22.06.2026	1567	33	2098	-

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

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



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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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 : JUNE-2026 (2nd Fort Night)
- 10 Date of Sample Received : 21.06.2026
- 11 Date of Sample Analysis : 22.06.2026
- 12 Date of Sample Analysis completion : 22.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : ULR-TC1723126000000568F

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)	20.06.2026	1552	-	39	4.98	30	1.50	35.79	50
4	Main Crusher	20.06.2026	1553	-	37	4.53	25	0.50	9.89	50

Sl. No	Beneficiation Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
3	Screen, Coal Crusher (CPU)	31710	-
4	Main Crusher	3199	-

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

End of the Report



Reviewed & Authorized Signatory

R. M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-24A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	:	Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	:	Chemical
7	Group	:	Atmospheric Pollution
8	Sample Type	:	Stack Monitoring
9	Month of Sampling	:	JUNE-2026 (2nd Fort Night)
10	Date of Sample Received	:	21.06.2026
11	Date of Sample Analysis	:	22.06.2026
12	Date of Sample Analysis completion	:	22.06.2026
13	Report Issued Date	:	02.07.2026
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)	20.06.2026	1552	33	30143	
4	Main Crusher	20.06.2026	1553	34	3059	-

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	:	JUNE-2026 (2nd Fort Night)
10	Date of Sample Received	:	18.06.2026 & 19.06.2026
11	Date of Sample Analysis	:	19.06.2026 & 20.06.2026
12	Date of Sample Analysis completion	:	19.06.2026 & 20.06.2026
13	Report Issued Date	:	02.07.2026
14	Report Number	:	ULR-TC1723126000000564F

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	17.06.2026	1523	---	36	4.78	6.5	0.50	23.12	50
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	17.06.2026	1524	---	37	4.70	3.0	0.30	19.00	50
7	Bentonite Powder bin top bag filter	17.06.2026	1525	---	38	4.93	3.0	0.30	21.15	50
8	H-4 Conveyor discharge bag filter	SHUTDOWN	-	---	-	-	7.0	0.50	-	50
9	P-1 Bag Filter	18.06.2026	1535	---	38	4.90	7.0	0.50	30.80	50

Sl. No	Pellet Plant	Gas flow Discharge rate at Stack Condition m ³ /hr	KSPCB Std
5	AGB Main Bag Filter	3377	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	1197	-
7	Bentonite Powder bin top bag filter	1255	-
8	H-4 Conveyor discharge bag filter	-	-
9	P-1 Bag Filter	3461	-

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

End of the Report



Reviewed & Authorized Signatory

R.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	: JUNE-2026 (2nd Fort Night)
10	Date of Sample Received	: 18.06.2026 & 19.06.2026
11	Date of Sample Analysis	: 19.06.2026 & 20.06.2026
12	Date of Sample Analysis completion	: 19.06.2026 & 20.06.2026
13	Report Issued Date	: 02.07.2026
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	17.06.2026	1523	33	3254	-
6	Lime Powder bin top bag Filter/ Powder Coal Main Bag Filter	17.06.2026	1524	34	1147	-
7	Bentonite Powder bin top bag filter	17.06.2026	1525	35	1198	-
8	H-4 Conveyor discharge bag filter	SHUTDOWN	-	-	-	-
9	P-1 Bag Filter	18.06.2026	1535	31	3313	-

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

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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	:	JUNE-2026 (2nd Fort Night)
10	Date of Sample Received	:	26.06.2026 & 29.06.2026
11	Date of Sample Analysis	:	27.06.2026 & 30.06.2026
12	Date of Sample Analysis completion	:	27.06.2026 & 30.06.2026
13	Report Issued Date	:	02.07.2026
14	Report Number	:	ULR-TC1723126000000574F

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	25.06.2026	1606	---	33	4.82	30	1.20	21.67	50
11	Cooler-2 Discharge	27.06.2026	1627	---	28	4.76	30	1.20	24.86	50
12	Intermediate Bin & Blending	27.06.2026	1628	---	29	4.65	30	1.20	19.66	50
13	Product House	27.06.2026	1629	---	31	5.05	30	1.20	27.21	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	19620	-
11	Cooler-2 Discharge	19392	-
12	Intermediate Bin & Blending	18953	-
13	Product House	20561	-

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

End of the Report

Reviewed & Authorized Signatory



R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-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 : JUNE-2026 (2nd Fort Night)
- 10 Date of Sample Received : 26.06.2026 & 29.06.2026
- 11 Date of Sample Analysis : 27.06.2026 & 30.06.2026
- 12 Date of Sample Analysis completion : 27.06.2026 & 30.06.2026
- 13 Report Issued Date : 02.07.2026
- 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	25.06.2026	1606	33	18817	-
11	Cooler-2 Discharge	27.06.2026	1627	28	18927	-
12	Intermediate Bin & Blending	27.06.2026	1628	29	18426	-
13	Product House	27.06.2026	1629	31	19800	-

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-1723

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	: JUNE-2026
11	Date of Sample Received	: 02.06.2026
12	Date of Sample Analysis	: 03.06.2026
13	Date Sample Analysis Completion	: 03.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: ULR-TC1723126000000516F

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	
				01.06.2026	
				1340	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	61	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.43	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	30.19	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	149.0	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

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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	: JUNE-2026
11	Date of Sample Received	: 02.06.2026
12	Date of Sample Analysis	: 03.06.2026
13	Date Sample Analysis Completion	: 03.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: SKAEW/BMMIL/STACK /2026-27/516

Stack Details (*)

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result	Permissible Limit
				1 st Fort Night	
				01.06.2026	
	Date of Sample Collected			1340	
	Sample Code				
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	32	-
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	265162	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	297313	-

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

End of the Report



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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

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	: JUNE-2026
11	Date of Sample Received	: 17.06.2026
12	Date of Sample Analysis	: 18.06.2026
13	Date Sample Analysis Completion	: 18.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: ULR-TC1723126000000559F

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
				2 nd Fort Night	
				16.06.2026	
				1500	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	65.0	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.44	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	27.45	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	528	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.084	1%

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

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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	: JUNE-2026
11	Date of Sample Received	: 17.06.2026
12	Date of Sample Analysis	: 18.06.2026
13	Date Sample Analysis Completion	: 18.06.2026
14	Report Issued Date	: 02.07.2026
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	
				16.06.2026	
				1500	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	31.0	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	67.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	262172	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	297770	-

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



Reviewed & Authorized Signatory

R.H. Bengeri

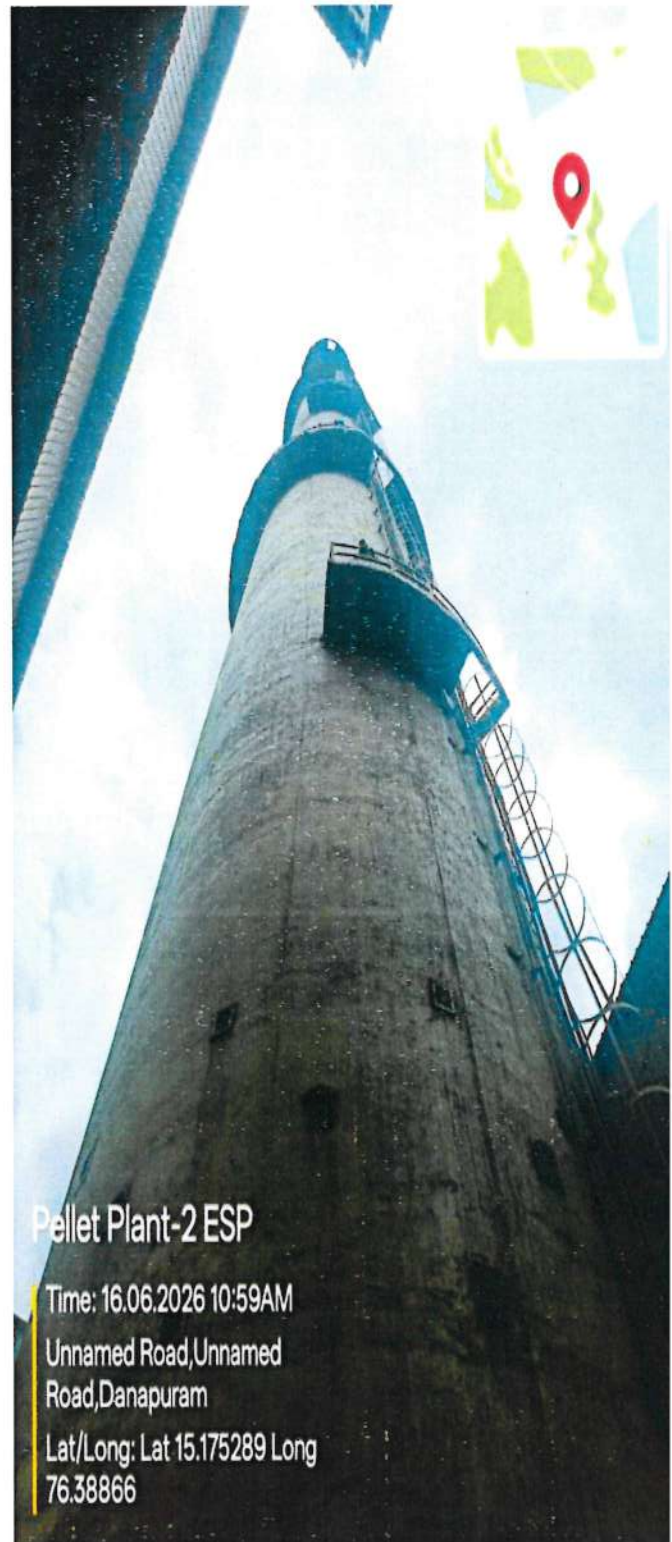
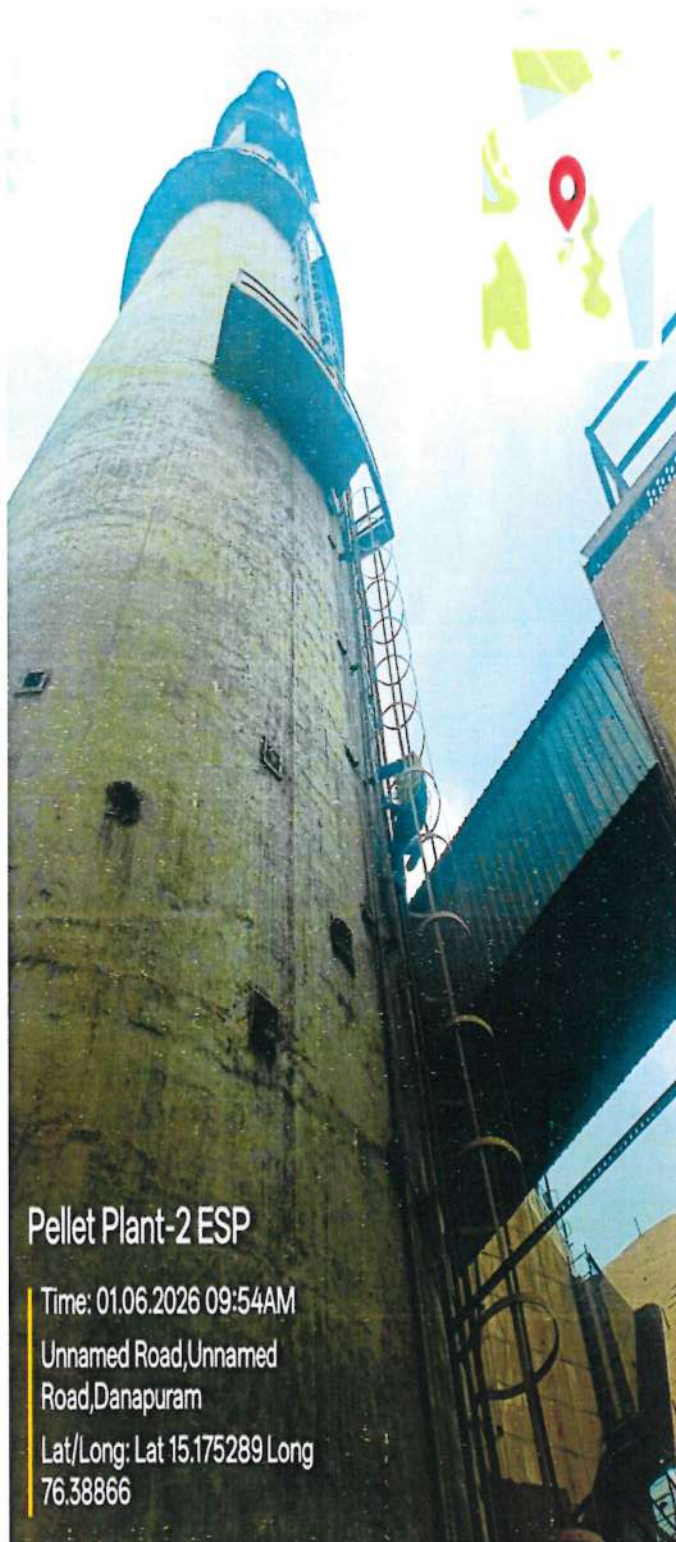
Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS

Pellet Plant-2 ESP





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TC-1723

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	:	JUNE-2026
11	Date of Sample Received	:	04.06.2026 & 19.06.2026
12	Date of Sample Analysis	:	05.06.2026 & 20.06.2026
13	Date Sample Analysis Completion	:	05.06.2026 & 20.06.2026
14	Report Issued Date	:	02.07.2026
15	Report Number	:	ULR-TC1723126000000526F

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	
				03.06.2026	18.06.2026	
	Date of Sample Collected					
	Sample Code			1374	1538	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	126	128	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.35	6.00	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	29.75	28.33	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	541	528	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.079	0.084	1%

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

End of the Report



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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ANNEXURE-28A

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

Analysis Report of Stack Emission

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 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	:	JUNE-2026
11	Date of Sample Received	:	04.06.2026 & 19.06.2026
12	Date of Sample Analysis	:	05.06.2026 & 20.06.2026
13	Date Sample Analysis Completion	:	05.06.2026 & 20.06.2026
14	Report Issued Date	:	02.07.2026
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	
				03.06.2026	18.06.2026	
	Date of Sample Collected			1374	1538	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	30	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	79.0	67.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	120502	113385	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	161726	152636	-

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-1723

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	: JUNE-2026
11	Date of Sample Received	: 05.06.2026 & 20.06.2026
12	Date of Sample Analysis	: 06.06.2026 & 22.06.2026
13	Date Sample Analysis Completion	: 06.06.2026 & 22.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: ULR-TC1723126000000528F

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
	Date of Sample Collected Sample Code			04.06.2026	19.06.2026	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	1388	1546	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	130	131	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	6.28	6.01	-
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	34.25	30.20	50
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	611	564	NS
				0.217	0.198	1%

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

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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ANNEXURE-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	:	JUNE-2026
11	Date of Sample Received	:	05.06.2026 & 20.06.2026
12	Date of Sample Analysis	:	06.06.2026 & 22.06.2026
13	Date Sample Analysis Completion	:	06.06.2026 & 22.06.2026
14	Report Issued Date	:	02.07.2026
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		Permissib Limit
				1 st Fort Night	2 nd Fort Night	
				04.06.2026	19.06.2026	
	Date of Sample Collected					
	Sample Code			1388	1546	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	32	32	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	89	74	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	118068	112635	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	159922	152841	-

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	: JUNE-2026
11	Date of Sample Received	: 06.06.2026 & 30.06.2026
12	Date of Sample Analysis	: 08.06.2026 & 01.07.2026
13	Date Sample Analysis Completion	: 08.06.2026 & 01.07.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: ULR-TC1723126000000529F

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		Permiss Limi
	Date of Sample Collected			1 st Fort Night	2 nd Fort Night	
	Sample Code			05.06.2026	29.06.2026	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	119	116	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	5.93	5.81	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	27.49	29.25	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	21.0	24.0	600
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.051	0.046	NS

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



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R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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ANNEXURE-30A

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring
9	Sampling Location	: 1X70 MW-CFBC Boiler ESP
10	Month of Sampling	: JUNE-2026
11	Date of Sample Received	: 06.06.2026 & 30.06.2026
12	Date of Sample Analysis	: 08.06.2026 & 01.07.2026
13	Date Sample Analysis Completion	: 08.06.2026 & 01.07.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/529

Stack Details

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

Emission Details

Parameters	Method	Unit	Result		Permissible Limit
			1 st Fort Night	2 nd Fort Night	
			05.06.2026	29.06.2026	
Date of Sample Collected					
Sample Code			1397	1635	
Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	32	32	-
Nitrogen Dioxide	IS: 11255 (Part 7): 2005 (RA 2022)	mg/Nm ³	455	426	NS
Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	114515	112863	-
Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	151015	147834	-

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

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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2. Samples are Retained for 15 days after issue of test reports.
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4. Total BDL - Below Detectable Limit, DL - Detection Limit.
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STACK EMISSION LOCATIONS

1X70 MW CFBC Boiler ESP





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TC-1723

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	: JUNE-2026
11	Date of Sample Received	: 11.06.2026 & 22.06.2026
12	Date of Sample Analysis	: 12.06.2026 & 23.06.2026
13	Date Sample Analysis Completion	: 12.06.2026 & 23.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: ULR-TC1723126000000539F

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
	Date of Sample Collected			1 st Fort Night	2 nd Fort Night	
	Sample Code			10.06.2026	20.06.2026	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	1454	1556	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	121	125	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	6.70	6.34	-
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	29.95	33.07	50
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	51.0	49.0	600
				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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- Samples are Retained for 15 days after issue of test reports.
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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	: JUNE-2026
11	Date of Sample Received	: 11.06.2026 & 22.06.2026
12	Date of Sample Analysis	: 12.06.2026 & 23.06.2026
13	Date Sample Analysis Completion	: 12.06.2026 & 23.06.2026
14	Report Issued Date	: 02.07.2026
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		Permissib Limit
				1 st Fort Night	2 nd Fort Night	
				10.06.2026	20.06.2026	
	Date of Sample Collected			1454	1556	
	Sample Code					
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	30	32	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	284	269	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	914954	858405	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	1212097	1148122	-

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

End of the Report



Reviewed & Authorized Signatory

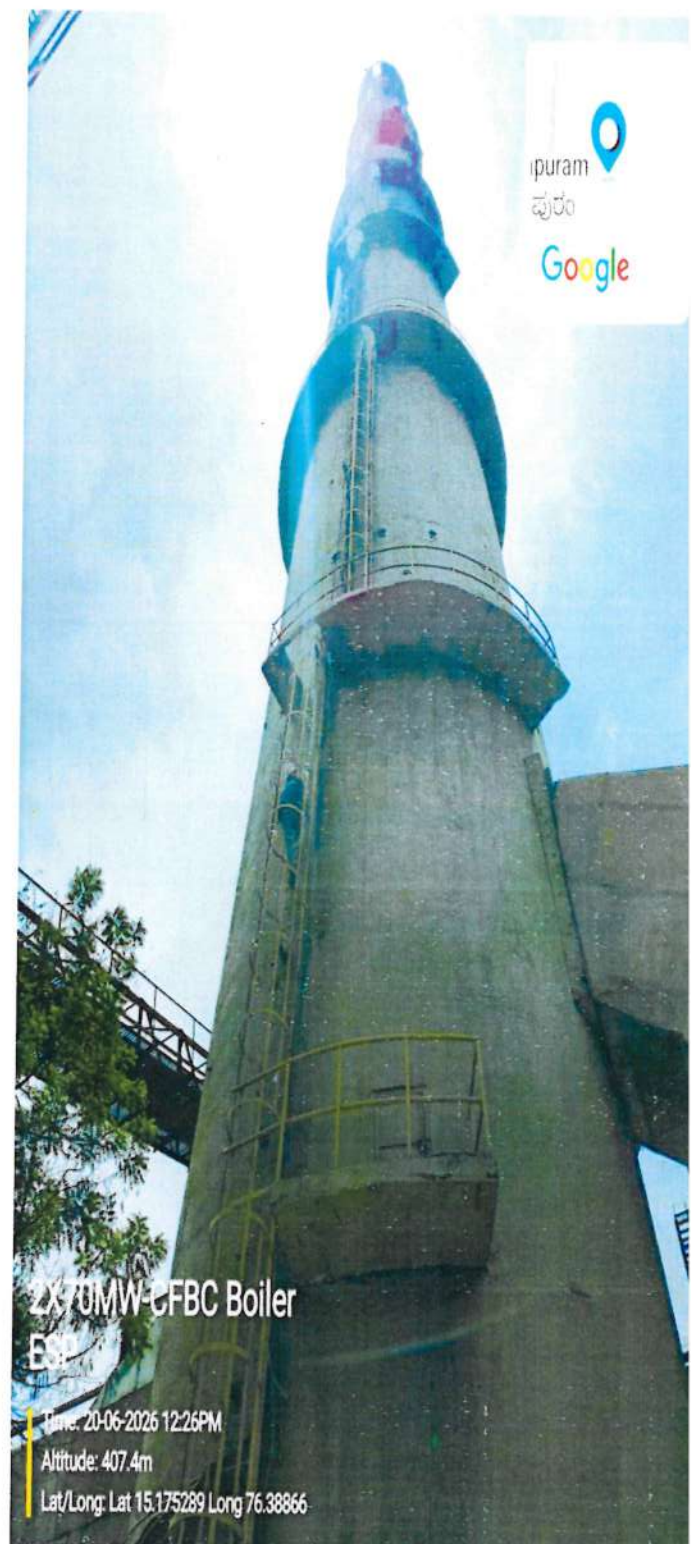
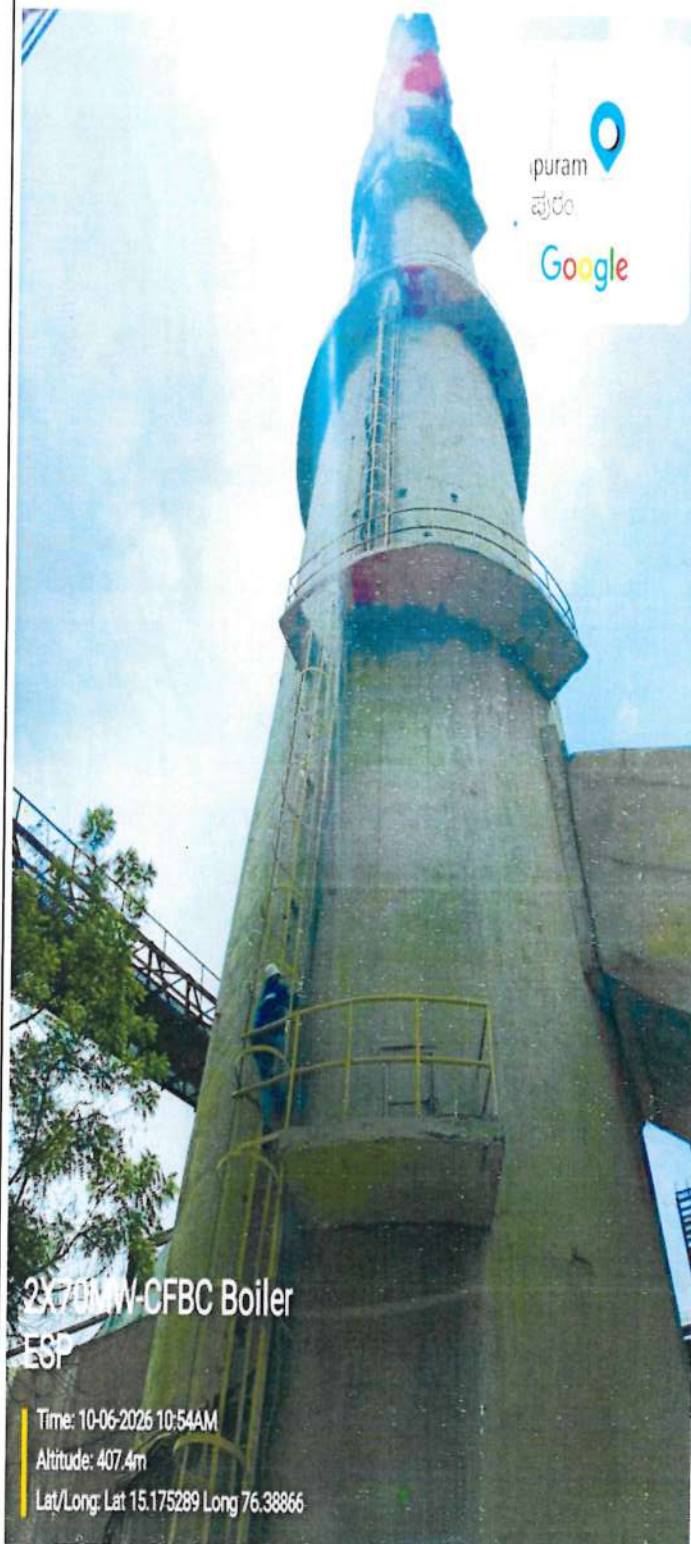
R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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STACK EMISSION LOCATIONS
2X70 MW CFBC Boiler ESP





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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	: JUNE-2026
11	Date of Sample Received	: 10.06.2026 & 26.06.2026
12	Date of Sample Analysis	: 11.06.2026 & 27.06.2026
13	Date Sample Analysis Completion	: 11.06.2026 & 27.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: ULR-TC1723126000000537F

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	
	Date of Sample Collected			09.06.2026	25.06.2026	
	Sample Code					
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	1443	1609	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	81	84	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	6.27	9.16	-
				41.16	35.28	50

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-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	: JUNE-2026
11	Date of Sample Received	: 10.06.2026 & 26.06.2026
12	Date of Sample Analysis	: 11.06.2026 & 27.06.2026
13	Date Sample Analysis Completion	: 11.06.2026 & 27.06.2026
14	Report Issued Date	: 02.07.2026
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	
				09.06.2026	25.06.2026	
4	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	1443	1609	-
5	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	33	30	-
6	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	85863	124347	-
				102119	149221	-

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

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



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R.H. Bengeri

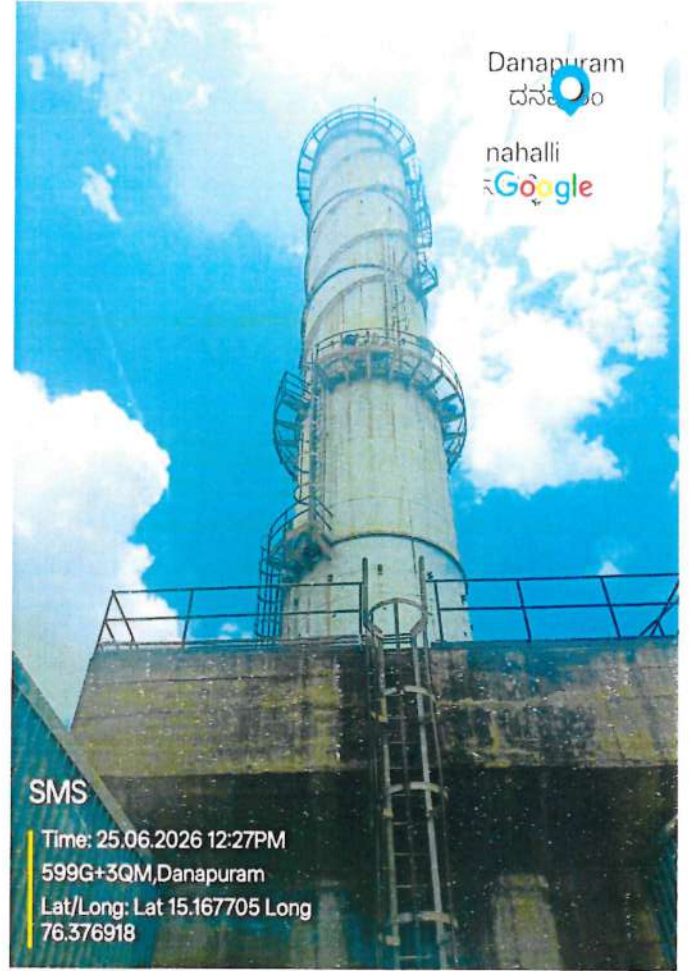
Mrs. Radha M Bengeri
Technical Manager

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STACK EMISSION LOCATIONS

SMS





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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	: JUNE-2026
11	Date of Sample Received	: 12.06.2026 & 24.06.2026
12	Date of Sample Analysis	: 14.06.2026 & 25.06.2026
13	Date Sample Analysis Completion	: 14.06.2026 & 25.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: ULR-TC1723126000000541F

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
	Date of Sample Collected			1 ST Fort Night	2 ND Fort Night	
	Sample Code			11.06.2026	23.06.2026	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	125	121	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	6.90	6.61	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	14.94	12.54	50
4	Sulphur Dioxide	IS: 11255 (Part 2): (RA 2014)	mg/Nm ³	234	253	NS
5	Carbon Monoxide	IS 13270 : 1992 (RA : 2019)	%	0.514	0.541	<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 : JUNE-2026
- 11 Date of Sample Received : 12.06.2026 & 24.06.2026
- 12 Date of Sample Analysis : 13.06.2026 & 25.06.2026
- 13 Date Sample Analysis Completion : 13.06.2026 & 25.06.2026
- 14 Report Issued Date : 02.07.2026
- 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	
				11.06.2026	23.06.2026	
	Date of Sample Collected			1458	1581	
	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	127175	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	175716	168322	-

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

Barmill





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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 Furnance -Stove Waste Gas
10	Month of Sampling	: JUNE -2026
11	Date of Sample Received	: 13.06.2026 & 27.06.2026
12	Date of Sample Analysis	: 15.06.2026 & 29.06.2026
13	Date Sample Analysis Completion	: 15.06.2026 & 29.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: ULR-TC1723126000000543F

Stack Details

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

Emission Details

Sl. No	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
				12.06.2026	26.06.2026	
1	Stack Temperature	IS 11255 Part 3: 2008 (RA : 2018)	°C	172	176	-
2	Stack Velocity	IS 11255 Part 3: 2008 (RA : 2018)	m/sec	7.31	7.45	-
3	Particulate Matter	IS: 11255 (Part 1) - 1985 (RA 2019)	mg/Nm ³	9.59	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	0.534	<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-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	: JUNE-2026
11	Date of Sample Received	: 13.06.2026 & 27.06.2026
12	Date of Sample Analysis	: 15.06.2026 & 29.06.2026
13	Date Sample Analysis Completion	: 15.06.2026 & 29.06.2026
14	Report Issued Date	: 02.07.2026
15	Report Number	: KAEW/BMMIL/STACK /2026-27/543

Stack Details

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

Emission Details

Sl. No.	Parameters	Method	Unit	Result		Permissible Limit
				1 st Fort Night	2 nd Fort Night	
	Date of Sample Collected			12.06.2026	26.06.2026	
	Sample Code			1469	1619	
6	Ambient Temperature	IS: 11255 (Part 1) - 1985 (RA 2019)	°C	34	30	-
7	Nitrogen Dioxide	IS:11255 (Part7): 2005 (RA 2022)	mg/Nm ³	21.0	26.0	NS
8	Gas flow Discharge rate at NTP	IS 11255 Part 3: 2008 (RA : 2018)	Nm ³ /hr	131254	171117	-
9	Gas flow Discharge rate at Stack Condition	IS 11255 Part 3: 2008 (RA : 2018)	m ³ /hr	175716	258197	-

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

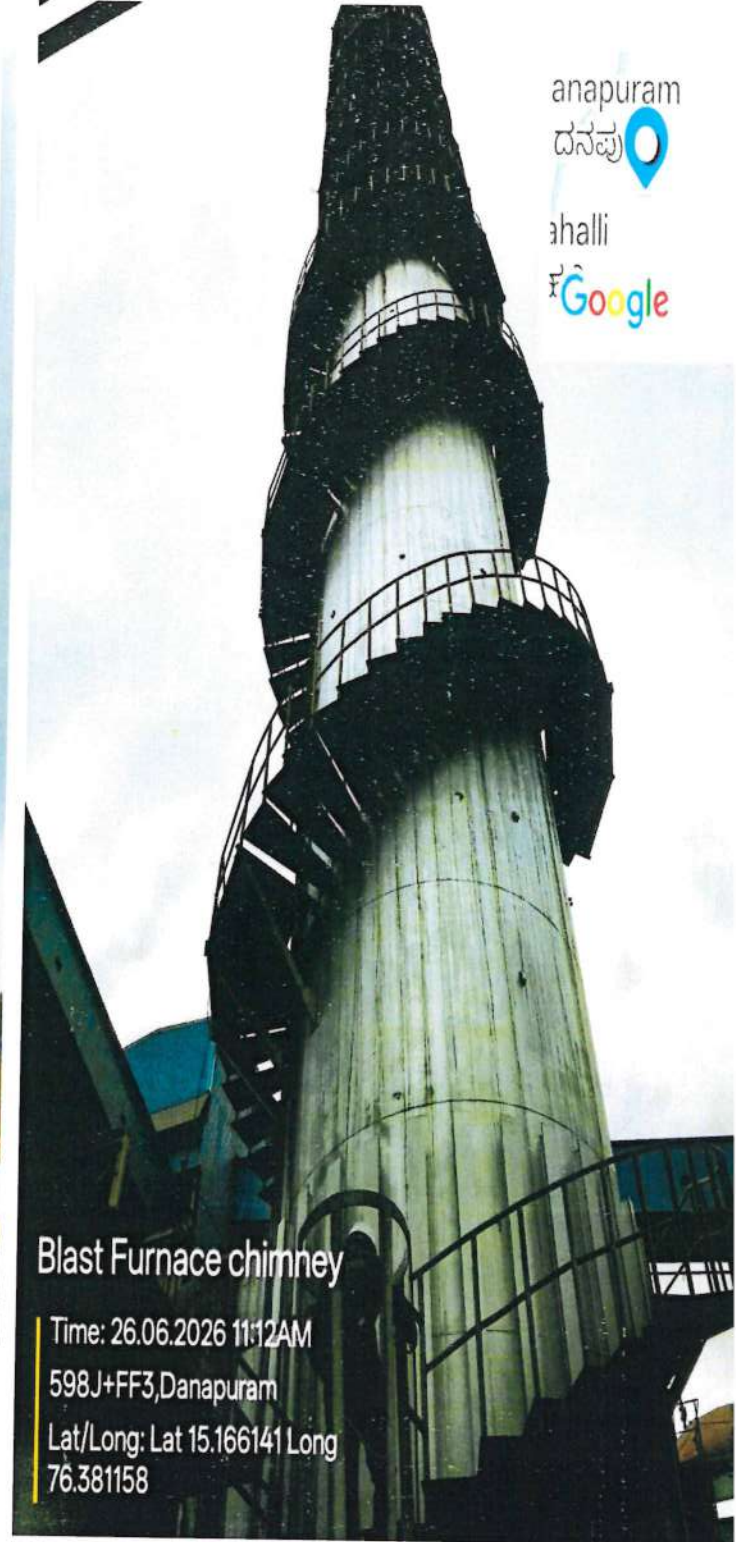
Mrs. Radha M Bengeri
Technical Manager

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	: JUNE-2026
10	Date of Sample Received	: 08.06.2026
11	Date of Sample Analysis	: 09.06.2026
12	Date Sample Analysis Completion	: 09.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000533F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Beneficiation Plant-2										
1	Iron Ore Cone Crusher	SHUTDOWN	-	---	-	-	30	1.20	-	50
2	Iron Ore Screening	06.06.2026	1411	---	34	4.61	30	0.90	15.76	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	10554	-

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

INFERENCE: The Measured Values are within the limits

End of the Report



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
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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(1st Fort Night)
- 9 Month of Sampling : JUNE-2026
- 10 Date of Sample Received : 08.06.2026
- 11 Date of Sample Analysis : 09.06.2026
- 12 Date Sample Analysis Completion : 09.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : KAEW/BMMIL/STACK /2026-27/533

RESULTS

Sl. No	Beneficiation Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm ³ /hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Beneficiation Plant-2						
1	Iron Ore Cone Crusher	SHUTDOWN	-	-	-	-
2	Iron Ore Screening	06.06.2026	1411	30	11200	-

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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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	: JUNE-2026
10	Date of Sample Received	: 02.06.2026
11	Date of Sample Analysis	: 03.06.2026
12	Date Sample Analysis Completion	: 03.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000518F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-II										
3	AGB main bag Filter	01.06.2026	1342	---	36	4.66	6.5	0.5	22.31	50
4	Lime & Bentonite Powder bin top bag filter	01.06.2026	1343	---	37	4.87	6.5	0.5	18.50	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	3295	-
4	Lime & Bentonite Powder bin top bag filter	3440	-
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.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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



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H.NO 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
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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 : JUNE-2026
- 10 Date of Sample Received : 02.06.2026
- 11 Date of Sample Analysis : 03.06.2026
- 12 Date Sample Analysis Completion : 03.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : KAEW/BMMIL/STACK /2026-27/518

RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant-II						
3	AGB main bag Filter	01.06.2026	1342	32	3174	
4	Lime & Bentonite Powder bin top bag filter	01.06.2026	1343	34	3293	-
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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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	: JUNE-2026
10	Date of Sample Received	: 02.06.2026
11	Date of Sample Analysis	: 03.06.2026
12	Date Sample Analysis Completion	: 03.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000519F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	V m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant-II										
6	Powder Coal main bag filter	SHUTDOWN	-	---	-	-	6	0.6	-	50
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	---	-	-	6	0.3	-	50
8	Pellet discharge bin bag filter	01.06.2026	1344	---	39	5.01	20	0.5	31.96	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	3543	-

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

INFERENCE: The measured values are within the limits

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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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 : JUNE-2026
- 10 Date of Sample Received : 02.06.2026
- 11 Date of Sample Analysis : 03.06.2026
- 12 Date Sample Analysis Completion : 03.06.2026
- 13 Report Issued Date : 02.07.2026
- 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 Nm ³ /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	01.06.2026	1344	35	3368	-

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-38

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

Analysis Report of Stack Emission

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Stack Sampler Sl. No: PT-25/2019
5	Instrument Details	: Calibration Date: 15.09.2025 Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring (1 st Fort Night)
9	Month of Sampling	: JUNE-2026
10	Date of Sample Received	: 04.06.2026 & 05.06.2026
11	Date of Sample Analysis	: 05.06.2026 & 06.06.2026
12	Date Sample Analysis Completion	: 05.06.2026 & 06.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000523F

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	03.06.2026	1366	---	35	4.71	30	1.20	25.02	50
10	Cooler Discharge -2	03.06.2026	1367	---	36	4.85	30	1.20	28.35	50
11	Coal stock house	04.06.2026	1380	---	35	4.79	30	1.20	12.67	50
12	PSB 1 System-1	04.06.2026	1381	---	36	5.02	30	1.20	31.98	50
13	PSB 1 System-2	04.06.2026	1382	---	38	4.92	30	1.20	35.11	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	19168	-
10	Cooler Discharge -2	19743	-
11	Coal stock house	19506	-
12	PSB 1 System-1	20428	-
13	PSB 1 System-2	20038	-

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-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	: JUNE-2026
10	Date of Sample Received	: 04.06.2026 & 05.06.2026
11	Date of Sample Analysis	: 05.06.2026 & 06.06.2026
12	Date Sample Analysis Completion	: 05.06.2026 & 06.06.2026
13	Report Issued Date	: 02.07.2026
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	03.06.2026	1366	31	18446	-
10	Cooler Discharge -2	03.06.2026	1367	32	18925	-
11	Coal stock house	04.06.2026	1380	31	18815	-
12	PSB 1 System-1	04.06.2026	1381	33	19595	-
13	PSB 1 System-2	04.06.2026	1382	34	19087	-

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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TC-172:

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	: JUNE-2026
10	Date of Sample Received	: 06.06.2026 & 09.06.2026
11	Date of Sample Analysis	: 08.06.2026 & 10.06.2026
12	Date Sample Analysis Completion	: 08.06.2026 & 10.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000530F

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	05.06.2026	1398	---	34	4.75	30	1.20	32.21	50
15	PSB 2 System-2 Road	05.06.2026	1399	---	35	4.92	30	1.20	34.05	50
16	Junction House Old & New	05.06.2026	1400	---	36	4.75	30	1.20	30.54	50
17	Storage Bunker	08.06.2026	1425	---	34	4.81	30	1.20	15.47	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	19354	-
15	PSB 1 System-2 Road	20053	-
16	Junction House Old & New	19329	-
17	Storage Bunker	19581	-
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.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
- Total BDL - Below Detectable Limit, DL - Detection Limit.
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ANNEXURE-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	:	JUNE-2026
10	Date of Sample Received	:	06.06.2026 & 09.06.2026
11	Date of Sample Analysis	:	08.06.2026 & 10.06.2026
12	Date Sample Analysis Completion	:	08.06.2026 & 10.06.2026
13	Report Issued Date	:	02.07.2026
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	05.06.2026	1398	31	18727	-
15	PSB 1 System-2 Road	05.06.2026	1399	32	19297	-
16	Junction House Old & New	05.06.2026	1400	33	18528	-
17	Storage Bunker	08.06.2026	1425	29	18965	-
18	Dispatch	SHUTDOWN	-	-	-	-

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

INFERENCE: The Measured Values are within the limits

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



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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-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 : JUNE-2026
- 10 Date of Sample Received : 09.06.2026 & 10.06.2026
- 11 Date of Sample Analysis : 10.06.2026 & 11.06.2026
- 12 Date Sample Analysis Completion : 10.06.2026 & 11.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : ULR-TC1723126000000536F

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	08.06.2026	1426	---	35	5.01	30	1.20	29.97	50
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	08.06.2026	1427	---	36	4.97	30	1.20	32.69	50
21	DE 8 & 12 I-Bin, (Stand By)	09.06.2026	1444	---	34	4.94	30	1.90	33.50	50
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	09.06.2026	1445	---	36	5.06	30	1.90	32.17	50
23	Coal Dryer	09.06.2026	1446	---	39	4.71	30	1.20	35.39	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	20420	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	20258	-
21	DE 8 & 12 I-Bin, (Stand By)	50387	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	51615	-
23	Coal Dryer	19168	-

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. M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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H NO. 3 & 4, LIMBUWALA BUILDING, PRAGATI COLONY,
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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	:	JUNE-2026
10	Date of Sample Received	:	09.06.2026 & 10.06.2026
11	Date of Sample Analysis	:	10.06.2026 & 11.06.2026
12	Date Sample Analysis Completion	:	10.06.2026 & 11.06.2026
13	Report Issued Date	:	02.07.2026
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 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	08.06.2026	1426	30	19663	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	08.06.2026	1427	29	19431	-
21	DE 8 & 12 I-Bin, (Stand By)	09.06.2026	1444	29	48826	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	09.06.2026	1445	30	49542	-
23	Coal Dryer	09.06.2026	1446	30	18211	-

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-41/1

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	: JUNE-2026
10	Date of Sample Received	: 13.06.2026
11	Date of Sample Analysis	: 15.06.2026
12	Date Sample Analysis Completion	: 15.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000544F

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	12.06.2026	1470	---	40	6.31	35	3.3	38.85	!
2	Stock House dedusting stack	12.06.2026	1471	---	39	6.52	35	3.3	36.12	!

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore Cone Crusher	194343	-
2	Iron Ore Screening	200699	-

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

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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 (2ndFort Night)
- 9 Month of Sampling : JUNE-2026
- 10 Date of Sample Received : 13.06.2026
- 11 Date of Sample Analysis : 15.06.2026
- 12 Date Sample Analysis Completion : 15.06.2026
- 13 Report Issued Date : 02.07.2026
- 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	12.06.2026	1470	30	184811	-
2	Stock House dedusting stack	12.06.2026	1471	32	191037	-

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 (2ndFort Night)
- 9 Month of Sampling : JUNE-2026
- 10 Date of Sample Received : 23.06.2026
- 11 Date of Sample Analysis : 24.06.2026
- 12 Date Sample Analysis Completion : 24.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : ULR-TC1723126000000570F

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	22.06.2026	1570	---	34	4.86	30	0.90	16.82	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	11122	-

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-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 (2ndFort Night)
- 9 Month of Sampling : JUNE-2026
- 10 Date of Sample Received : 23.06.2026
- 11 Date of Sample Analysis : 24.06.2026
- 12 Date Sample Analysis Completion : 24.06.2026
- 13 Report Issued Date : 02.07.2026
- 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 Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Beneficiation Plant-2						
1	Iron Ore Cone Crusher	Shut down	-	-	-	-
2	Iron Ore Screening	22.06.2026	1570	34	10631	-

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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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	: JUNE-2026
10	Date of Sample Received	: 17.06.2026
11	Date of Sample Analysis	: 18.06.2026
12	Date Sample Analysis Completion	: 18.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000561F

RESULTS

Sl. No	Stack Attached to	Date of Sample Collected	Sample Code	Fuel Used	TS °C	v m/Sec	Height (m)	Diameter (m)	PM mg/Nm ³	KSPCB Std mg/Nm ³
Chimneys attached to Bag Filter (De dusting Units)										
Pellet Plant										
3	AGB main bag Filter	16.06.2026	1506	---	35	4.60	6.5	0.50	19.85	50
4	Lime & Bentonite Powder bin top bag filter	16.06.2026	1507	---	36	4.74	6.5	0.50	17.01	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	3249	-
4	Lime & Bentonite Powder bin top bag filter	3353	-
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	: JUNE-2026
10	Date of Sample Received	: 17.06.2026
11	Date of Sample Analysis	: 18.06.2026
12	Date Sample Analysis Completion	: 18.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: KAEW/BMMIL/STACK /2026-27/561

RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant						
3	AGB main bag Filter	16.06.2026	1506	31	3136	-
4	Lime & Bentonite Powder bin top bag filter	16.06.2026	1507	32	3219	-
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:

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- Samples are Retained for 15 days after issue of test reports.
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TC-172

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
5	Instrument Details	: Sl. No: PT-25/2019
		: Calibration Date: 15.09.2025
		: Calibration Due Date: 14.09.2026
6	Discipline	: Chemical
7	Group	: Atmospheric Pollution
8	Sample Type	: Stack Monitoring(2 nd Fort Night)
9	Month of Sampling	: JUNE-2026
10	Date of Sample Received	: 17.06.2026
11	Date of Sample Analysis	: 18.06.2026
12	Date Sample Analysis Completion	: 18.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000563F

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	16.06.2026	1512	---	38	4.88	2.0	0.50	29.57	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	3447	-

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

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

End of the Report

Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager



Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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ANNEXURE-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 (2ndFort Night)
- 9 Month of Sampling : JUNE-2026
- 10 Date of Sample Received : 17.06.2026
- 11 Date of Sample Analysis : 18.06.2026
- 12 Date Sample Analysis Completion : 18.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : KAEW/BMMIL/STACK /2026-27/563

RESULTS

Sl. No	Pellet Plant	Date of Sample Collected	Sample Code	Ambient Temperature °C	Gas flow rate at NTP Nm3/hr	KSPCB Std
Chimneys attached to Bag Filter (De dusting Units)						
Pellet Plant						
6	Powder Coal main Bagfilter	SHUTDOWN	-	-	-	-
7	RP-6 Conveyor bag Filter	SHUTDOWN	-	-	-	-
8	Pellet discharge bin Bagfilter	16.06.2026	1512	33	3286	-

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

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TC-172

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	: JUNE-2026
10	Date of Sample Received	: 19.06.2026 & 20.06.2026
11	Date of Sample Analysis	: 20.06.2026 & 22.06.2026
12	Date Sample Analysis Completion	: 20.06.2026 & 22.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000566F

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	18.06.2026	1539	Coal	37	4.76	30	1.2	25.91	50
10	Cooler Discharge -2	18.06.2026	1540	Coal	38	5.00	30	1.2	24.99	50
11	Coal stock house	19.06.2026	1541	Coal	34	4.65	30	1.2	11.16	50
12	PSB 1 System-1	19.06.2026	1542	Coal	36	4.71	30	1.2	27.79	50
13	PSB 1 System-2	19.06.2026	1543	Coal	37	5.05	30	1.2	29.26	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	19390	-
10	Cooler Discharge -2	20366	-
11	Coal stock house	18922	-
12	PSB 1 System-1	19191	-
13	PSB 1 System-2	20567	-

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-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	: JUNE-2026
10	Date of Sample Received	: 19.06.2026 & 20.06.2026
11	Date of Sample Analysis	: 20.06.2026 & 22.06.2026
12	Date Sample Analysis Completion	: 20.06.2026 & 22.06.2026
13	Report Issued Date	: 02.07.2026
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	18.06.2026	1539	33	18580	-
10	Cooler Discharge -2	18.06.2026	1540	34	19442	-
11	Coal stock house	19.06.2026	1541	32	18338	-
12	PSB 1 System-1	19.06.2026	1542	34	18432	-
13	PSB 1 System-2	19.06.2026	1543	35	19677	-

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-172

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
5	Instrument Details	: Sl. No: PT-25/2019
6	Discipline	: Calibration Date: 15.09.2025
7	Group	: Calibration Due Date: 14.09.2026
8	Sample Type	: Chemical
9	Month of Sampling	: Atmospheric Pollution
10	Date of Sample Received	: Stack Monitoring(2 nd Fort Night)
11	Date of Sample Analysis	: JUNE-2026
12	Date Sample Analysis Completion	: 24.06.2026 & 25.06.2026
13	Report Issued Date	: 25.06.2026 & 27.06.2026
14	Report Number	: 25.06.2026 & 27.06.2026
		: 02.07.2026
		: ULR-TC1723126000000572F

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	23.06.2026	1578	Coal	34	5.05	30	1.2	36.38	50
15	PSB 1 System-2 Road	23.06.2026	1579	Coal	33	5.00	30	1.2	31.73	50
16	Junction House Old & New	23.06.2026	1580	Coal	35	4.99	30	1.2	28.64	50
17	Storage Bunker	24.06.2026	1595	Coal	32	4.74	30	1.2	13.51	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	20550	-
15	PSB 1 System-2 Road	20372	-
16	Junction House Old & New	20336	-
17	Storage Bunker	19282	-
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.
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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	: JUNE-2026
10	Date of Sample Received	: 24.06.2026 & 25.06.2026
11	Date of Sample Analysis	: 25.06.2026 & 27.06.2026
12	Date Sample Analysis Completion	: 25.06.2026 & 27.06.2026
13	Report Issued Date	: 02.07.2026
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	23.06.2026	1578	30	19914	-
15	PSB 1 System-2 Road	23.06.2026	1579	29	19758	-
16	Junction House Old & New	23.06.2026	1580	30	19580	-
17	Storage Bunker	24.06.2026	1595	28	18800	-
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 (2nd Fort Night)
- 9 Month of Sampling : JUNE-2026
- 10 Date of Sample Received : 25.06.2026 & 26.06.2026
- 11 Date of Sample Analysis : 26.06.2026 & 27.06.2026
- 12 Date Sample Analysis Completion : 28.05.2026 & 27.06.2026
- 13 Report Issued Date : 02.07.2026
- 14 Report Number : ULR-TC1723126000000573F

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	24.06.2026	1596	---	33	4.61	30	1.20	32.29	50
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	24.06.2026	1597	---	35	4.84	30	1.20	35.57	50
21	DE 8 & 12 I-Bin, (Stand By)	24.06.2026	1598	---	36	5.17	30	1.90	30.97	50
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	25.06.2026	1610	---	34	4.99	30	1.90	30.08	50
23	Coal Dryer	25.06.2026	1611	---	40	4.68	30	1.20	36.40	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	18782	-
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	19705	-
21	DE 8 & 12 I-Bin, (Stand By)	52781	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	50968	-
23	Coal Dryer	19074	-

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:

1. All results pertain to the sample received and tested only.
2. Samples are Retained for 15 days after issue of test reports.
3. (*) Details as Furnished by Customer.
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ANNEXURE-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	:	JUNE-2026
10	Date of Sample Received	:	25.06.2026 & 26.06.2026
11	Date of Sample Analysis	:	26.06.2026 & 27.06.2026
12	Date Sample Analysis Completion	:	28.05.2026 & 27.06.2026
13	Report Issued Date	:	02.07.2026
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	24.06.2026	1596	29	18240	
20	DE 4, DE 7, DE 7A Axis 4 CD Junction House (Stand By)	24.06.2026	1597	30	18960	-
21	DE 8 & 12 I-Bin, (Stand By)	24.06.2026	1598	31	50594	-
22	DE 9 & 10 PSB 1 & 2 Product Separation bin	25.06.2026	1610	30	49363	-
23	Coal Dryer	25.06.2026	1611	32	18069	-

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	: JUNE-2026
10	Date of Sample Received	: 27.06.2026
11	Date of Sample Analysis	: 29.06.2026
12	Date Sample Analysis Completion	: 29.06.2026
13	Report Issued Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000576F

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 mg
Blast furnace										
1	Cast House dedusting stack	26.06.2026	1620	---	42	6.49	35	3.3	35.19	!
2	Stock House dedusting stack	26.06.2026	1621	---	40	6.75	35	3.3	32.86	!

Sl. No	Beneficiation Plant	Gas flow rate at Stack Condition m ³ /hr	KSPCB Std
1	Iron Ore Cone Crusher	199780	-
2	Iron Ore Screening	207862	-

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

INFERENCE: The Measured Values are within the limits.

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



Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- All results pertain to the sample received and tested only.
- Samples are Retained for 15 days after issue of test reports.
- (*) Details as Furnished by Customer.
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ANNEXURE-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 : JUNE-2026
- 10 Date of Sample Received : 27.06.2026
- 11 Date of Sample Analysis : 29.06.2026
- 12 Date Sample Analysis Completion : 29.06.2026
- 13 Report Issued Date : 02.07.2026
- 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	26.06.2026	1620	33	188178	-
2	Stock House dedusting stack	26.06.2026	1621	34	196833	-

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-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 : JUNE-2026
Report Issue Date : 02.07.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000514F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		
				Day Time		Standard
				Min	Max	
1	Main Gate	08.06.2026	1424	47.6	54.6	75
2	Blast Furnace Blower House Entrance	01.06.2026	1337	68.8	72.4	75
3	Transit House	04.06.2026	1385	53.9	62.8	75
4	BF-7th Gate	03.06.2026	1372	50.8	55.6	75
5	Gunda Road	10.06.2026	1448	51.4	59.2	75
6	Gunda Railway Station	10.06.2026	1449	45.2	50.2	75
7	Bagging Shed	06.06.2026	1408	52.1	59.6	75
8	Railway Siding	05.06.2026	1395	52.4	59.6	75
9	SMS-Vibro Feeders	03.06.2026	1373	68.8	73.2	75
10	Bricks Plant	05.06.2026	1394	46.4	58.6	75
11	Kempuhalla (Wagon Tippler)	06.06.2026	1409	49.5	53.4	75
12	Danapura Bridge	09.06.2026	1441	52.1	58.6	75
13	2nd Gate	09.06.2026	1442	48.2	54.8	75
14	MBM-Scale pit	04.06.2026	1386	69.2	73.1	75
15	Dispatch (Truck Parking Area)	08.06.2026	1418	61.5	72.8	75
16	Blast Furnace Stock House	01.06.2026	1338	62.8	72.4	75
17	Blast Furnace Cost House	02.06.2026	1358	59.8	66.8	75
18	Gas Cleaning Plant	02.06.2026	1359	61.6	72.9	75

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

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

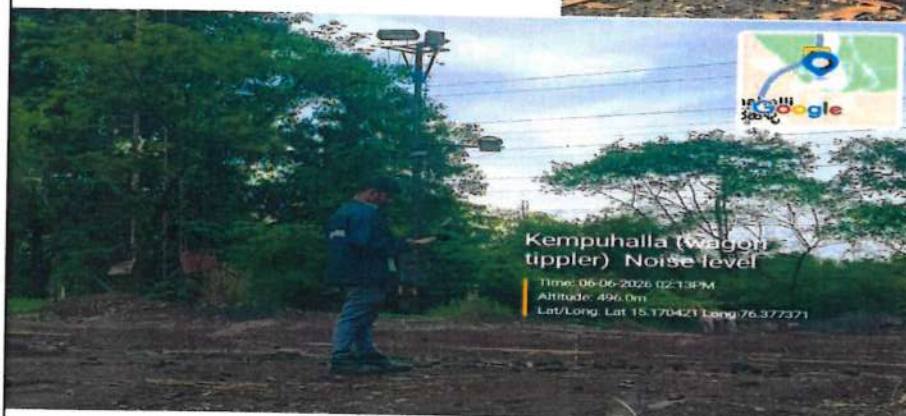
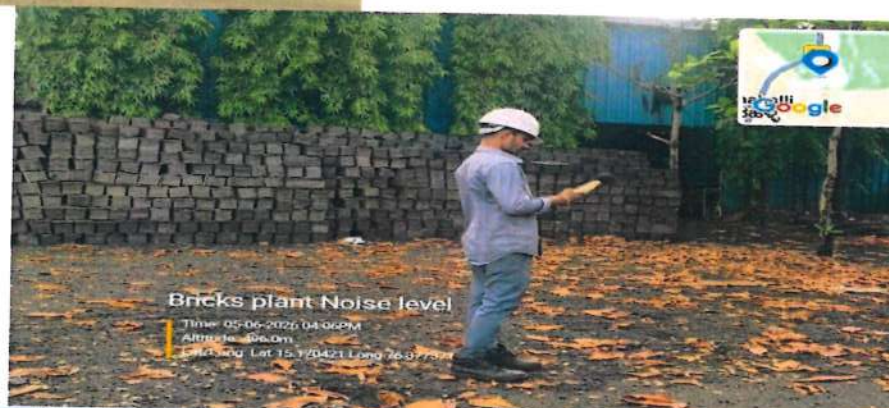
Note:

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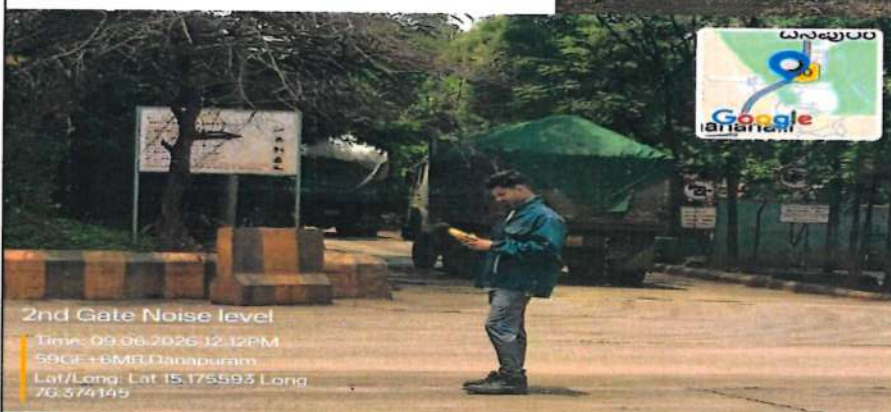
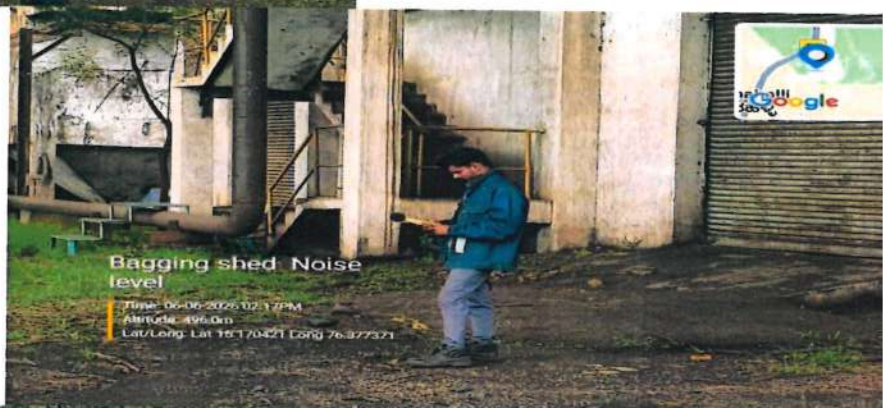
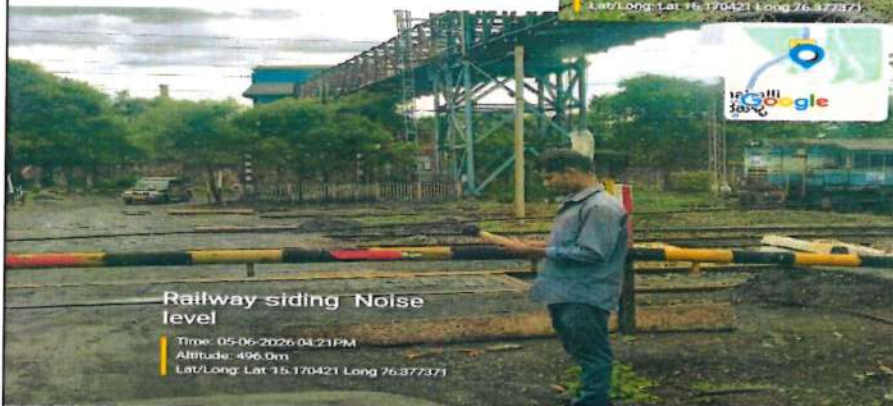
FIRST FORT NHT INSIDE PLANT NOISE MONITORING



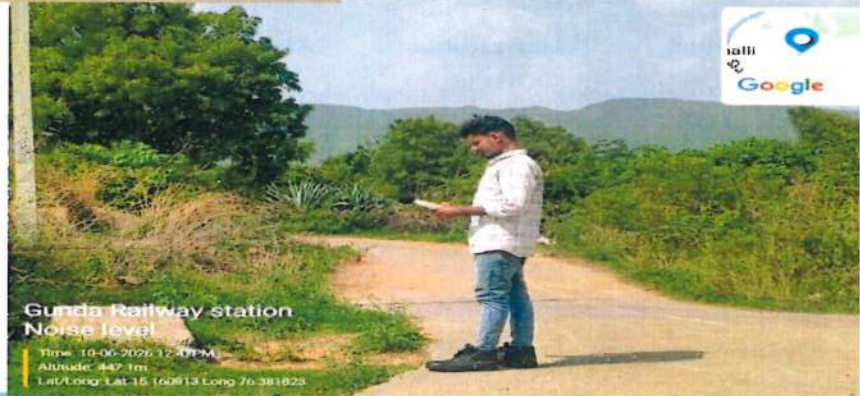
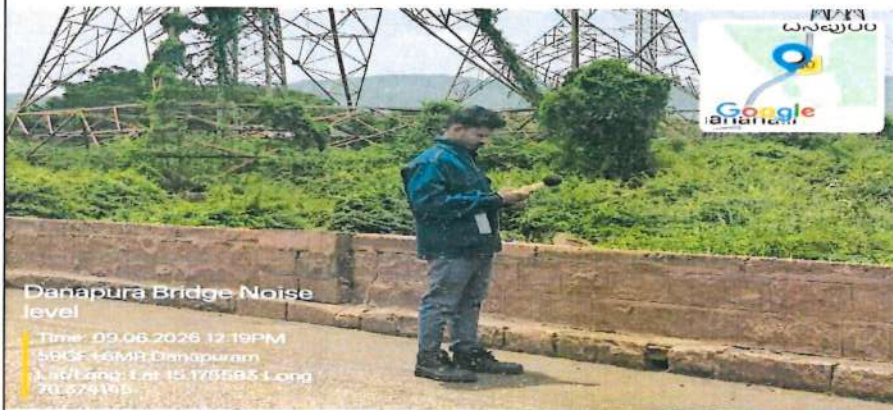
FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING



FIRST FORT NIGHT INSIDE PLANT NOISE MONITORING





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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 : JUNE-2026
Report Issue Date : 02.07.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000562F

Sl. No	Location	Date of Sample Collected	Sample Code	Noise Level dB (A)		
				Day Time		Standard
				Min	Max	
1.	Main Gate	23.06.2026	1586	46.4	52.4	75
2.	Blast Furnace Blower House Entrance	16.06.2026	1510	68.8	73.6	75
3.	Transit House	19.06.2026	1544	52.4	58.9	75
4.	BF-7th Gate	18.06.2026	1536	48.4	53.8	75
5.	Gunda Road	25.06.2026	1607	51.6	56.9	75
6.	Gunda Railway Station	25.06.2026	1608	48.2	55.6	75
7.	Bagging Shed	22.06.2026	1568	49.6	54.6	75
8.	Railway Siding	20.06.2026	1554	61.4	65.6	75
9.	SMS-Vibro Feeders	18.06.2026	1537	66.8	71.9	75
10.	Bricks Plant	20.06.2026	1555	47.6	51.2	75
11.	Kempuhalla (Wagon Tippler)	22.06.2026	1569	46.9	54.8	75
12.	Danapura Bridge	24.06.2026	1593	54.8	61.4	75
13.	2nd Gate	24.06.2026	1594	48.8	54.2	75
14.	MBM-Scale pit	19.06.2026	1545	68.6	72.4	75
15.	Dispatch (Truck Parking Area)	23.06.2026	1582	62.1	68.4	75
16.	Blast Furnace Stock House	16.06.2026	1511	66.7	72.6	75
17.	Blast Furnace Cost House	17.06.2026	1526	56.4	66.0	75
18.	Gas Cleaning Plant	17.06.2026	1527	67.8	72.8	75

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

INFERENCE

As per CPCB Standards,

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

End of the Report

Reviewed & Authorized Signatory

R.H. Bengeri

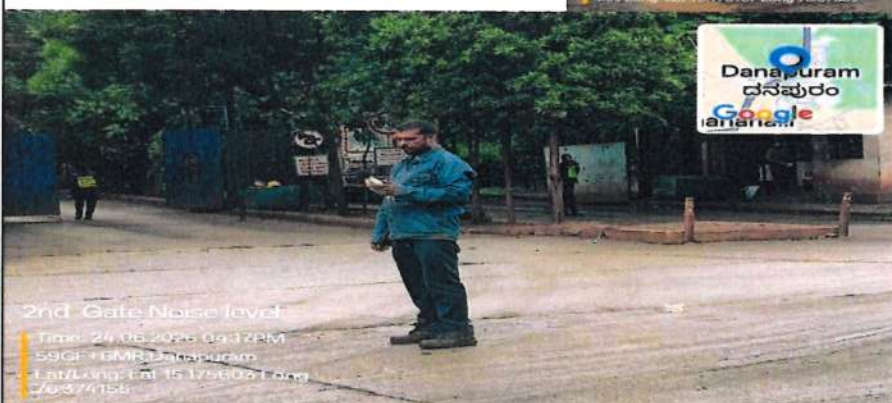
Mrs. Radha M Bengeri
Technical Manger



Note:

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SECOND FORT NIGHT INSIDE PLANT NOISE MONITORING



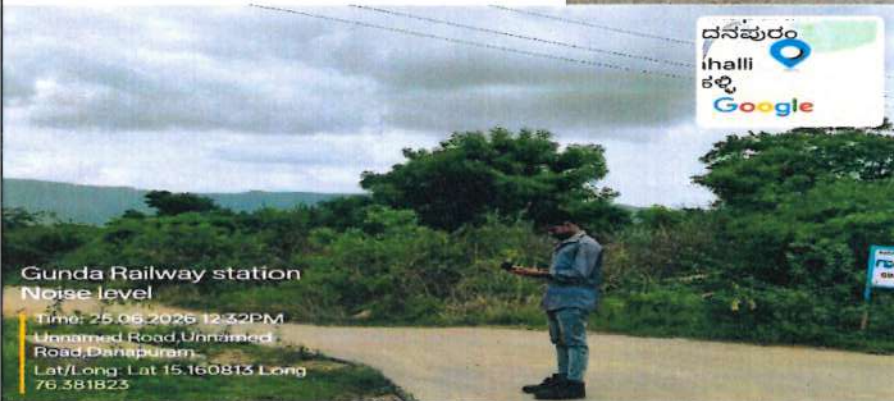
SECOND FORT NIGHT INSIDE PLANT NOISE MONITORING



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 : JUNE-2026
Report Issue Date : 02.07.2026
Method Adopted : IS 9989-1981 Reaffirmed 2023
Report No : ULR-TC1723126000000515F

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	01.06.2026	1339	48.8	56.1	52.12	55	39.2	43.6	41.02	45
2	Mariyammana Halli	03.06.2026	1368	50.1	58.3	53.46		41.6	44.2	40.36	
3	Hanumana Halli	02.06.2026	1360	49.6	56.9	53.74		40.9	43.1	42.12	
4	Galemmanagudi	04.06.2026	1387	50.8	57.3	53.01		40.6	43.9	42.06	
5	G. Nagalapura Village	05.06.2026	1396	47.2	51.6	48.46		38.2	42.1	38.88	
6	Gunda Tanda Village	06.06.2026	1410	46.6	49.2	47.34		38.1	40.3	38.76	

INFERENCE

As per CPCB Standards,

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

End of the Report

NOISE: (AMBIENT STANDARDS)

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



Reviewed & Authorized Signatory

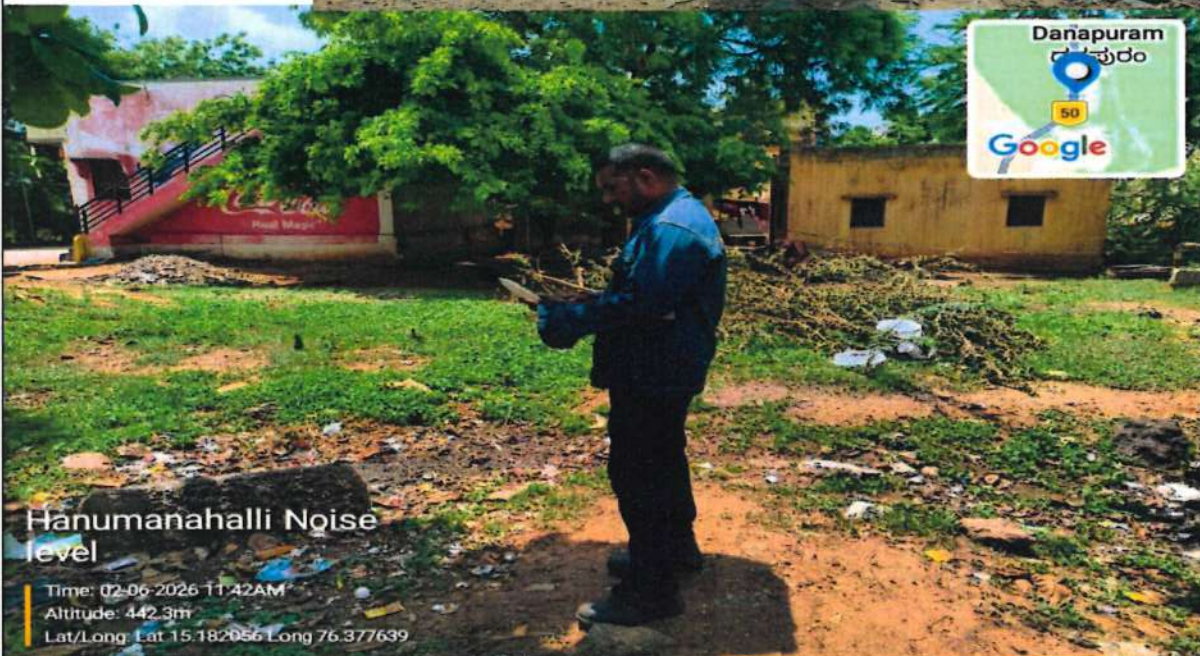
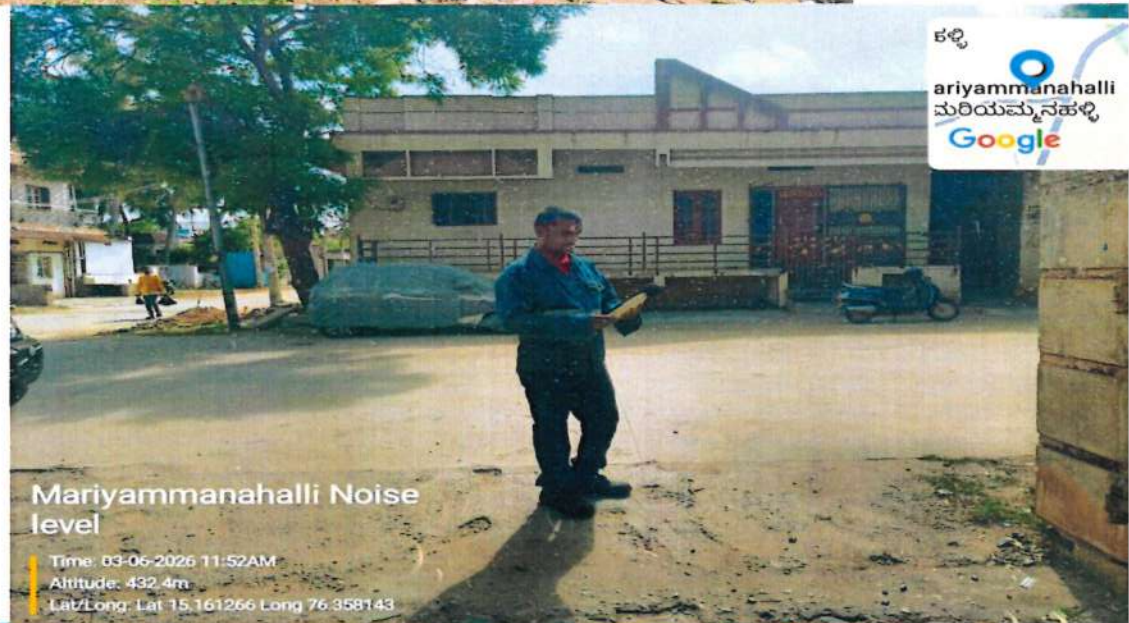
R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

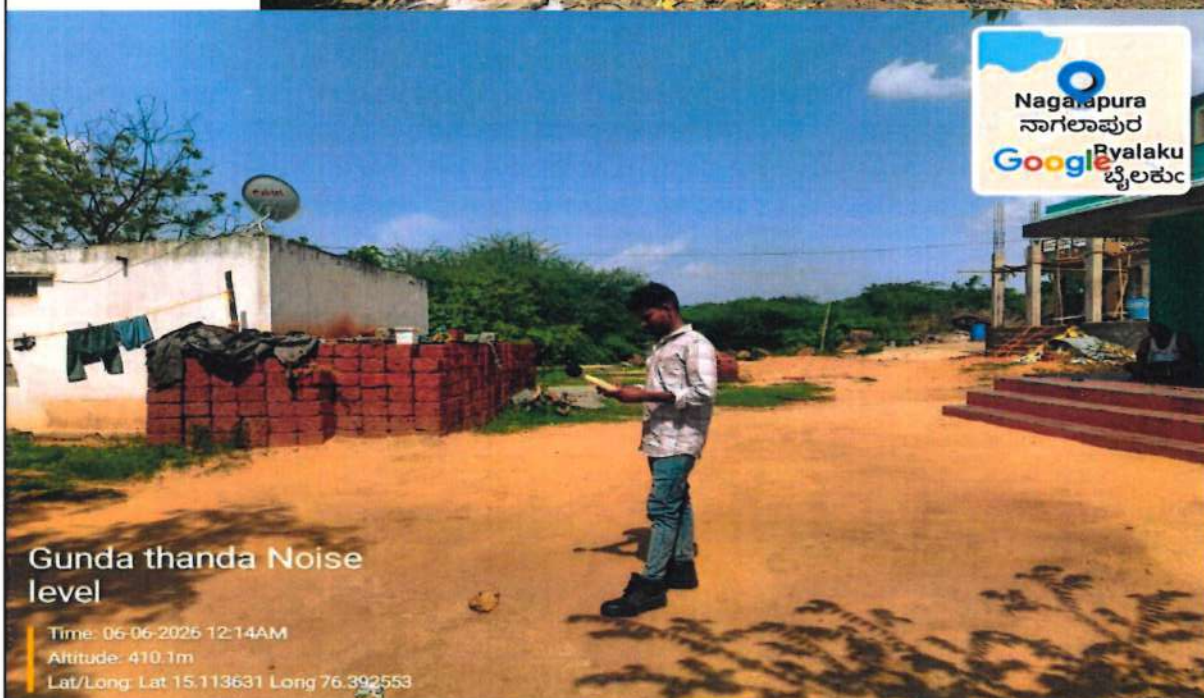
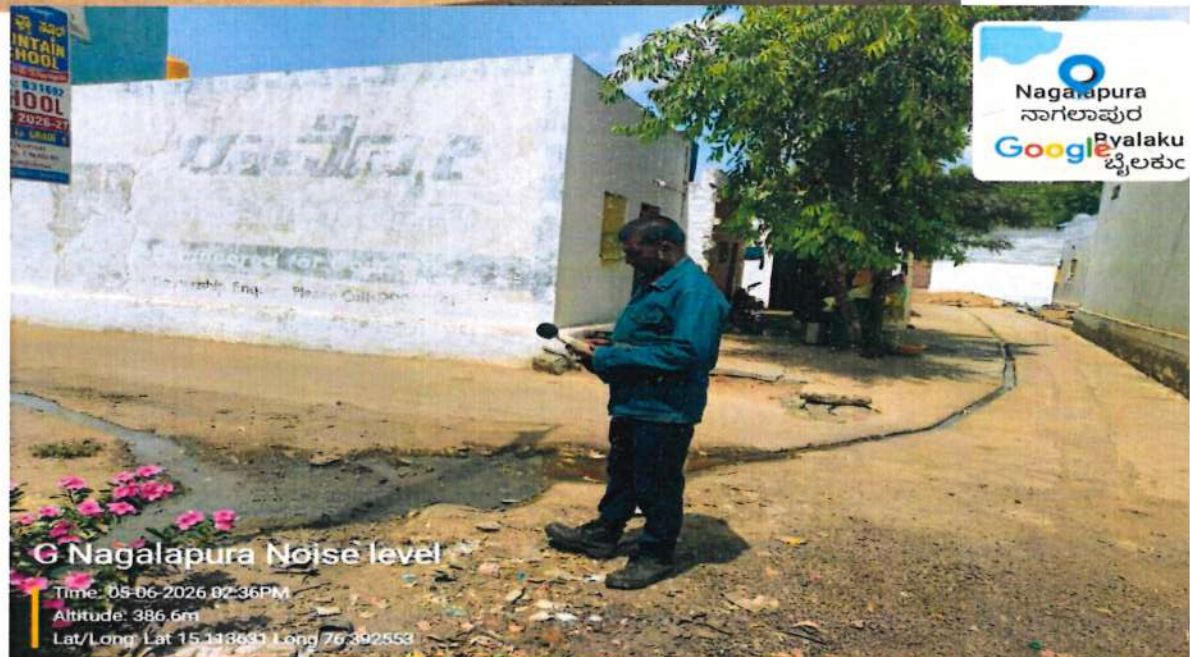
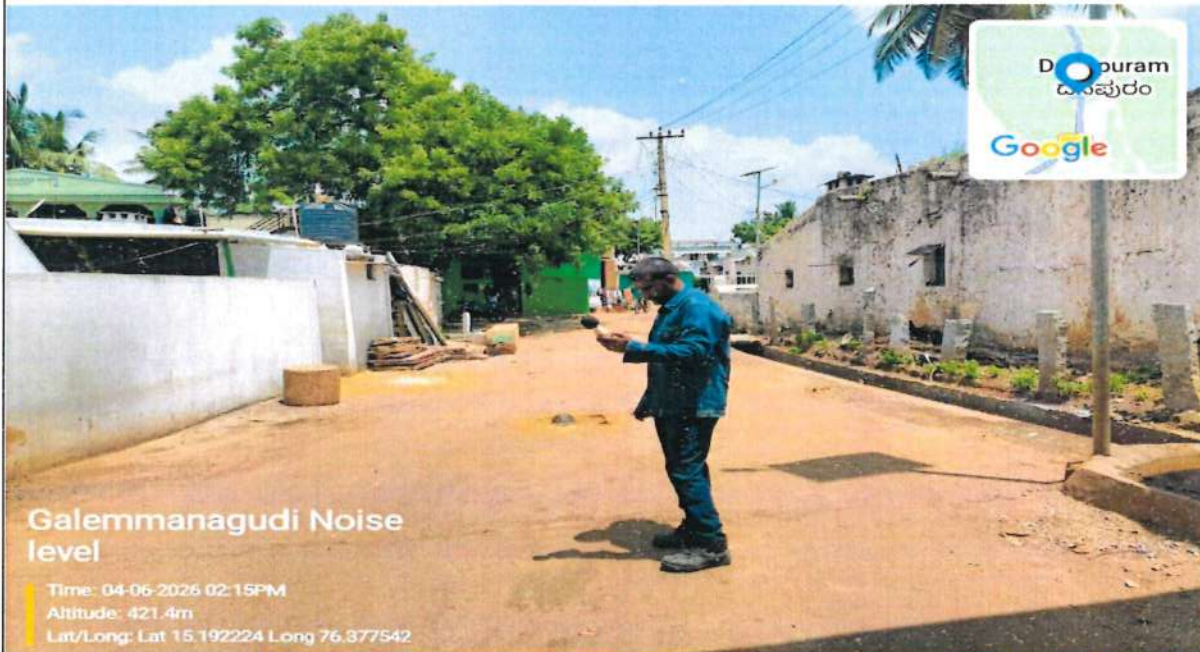
Note:

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AMBIENT NOISE MONITORING



AMBIENT NOISE MONITORING





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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	: 1483
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000545F

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	-	7.17	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	1960	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1080	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	15.25	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	267.76	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	421.15	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	1.92	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	108	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	65.61	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	540	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	67.71	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.93	1 max	1.5 max
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	5.25	45max	NR

Note:

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TC-17231

ANNEXURE-50

16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	560	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	78	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.71	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.02	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

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

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

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	: 1483
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
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

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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	: 1484
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000546F

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	-	7.40	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	3230	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1618	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	249.74	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.42	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	271.15	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	5.62	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	131.2	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	48.6	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	528	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	80.76	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	1.12	1 max	1.5 max

Note:

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

ANNEXURE-51

15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	4.26	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	376	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	0.52	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.04	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: 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.
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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	:	1484
9	Date of Sampling	:	15.06.2026
10	Sample Received	:	15.06.2026
11	Date of Analysis	:	16.06.2026
12	Date of Analysis Completion	:	22.06.2026
13	Report Issue Date	:	02.07.2026
14	Report Number	:	SKAEW/BMMIL/GW/2026-27/546

Results

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

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

- 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-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	: 1485
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000547F

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	-	7.55	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	μS/cm	2100	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1139	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	21.15	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	129.40	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	177.24	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	5.69	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	174.4	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	69.16	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	569.25	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	61.71	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.44	1 max	1.5 max

Note:

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ANNEXURE-52

15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.82	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	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.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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



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ANNEXURE-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	: 1485
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
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:

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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	: 1486
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000548F

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	-	7.27	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	2320	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	1164	500max	2000 max
4.	Turbidity (NTU)	IS 3025 Part 10: 2023	NTU	1	1 max	5max
5.	Total Suspended Solids	IS 3025 Part 15: 2023	mg/L	3.29	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	163.35	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.22	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	37.15	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	5.92	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	67.2	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	42.28	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	342	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	63.07	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.57	1 max	1.5 max

Note:

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TC-17231

ANNEXURI						
15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	4.63	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	376	200max	600ma:
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	76	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.34	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	BDL(<0.01)	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW4: Mariyammanahalli Village. NR-No relaxation

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

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



Reviewed & Authorized Signatory

R.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-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	: 1486
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
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	: 1487
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000549F

Results

Sl. No.	Parameters	Protocol	Unit	Gunda Thanda (GWS)	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
1.	pH	IS 3025 Part 11: 2022	-	7.77	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	814	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	418	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	67.55	200max	400max
7.	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	0.22	-	-
8.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	50.16	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	6.41	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	36.8	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	29.46	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	246	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	23.14	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.16	1 max	1.5 max

Note:

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TC-17231

ANNEXURE-54

15.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.74	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	300	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	0.51	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:

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

ANNEXURE-54
Format No: SKAEW/7.8/RF/C/09

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical/Biological
6	Group	: Water
7	Sample Type	: Ground Water
8	Sample Code	: 1487
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
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:

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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-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	: 1488
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000550F

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	-	7.40	6.5 to 8.5	NR
2.	Conductivity	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	1630	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	822	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	19.62	-	-
6.	Sulphate as SO ₄	IS 3025 Part 24 Sec 1: 2022	mg/L	114.06	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	232.25	-	-
9.	Potassium as K	IS 3025 Part 45: 2024	mg/L	6.47	-	-
10.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	76.8	75max	200max
11.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	31.59	30max	100max
12.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	322	200max	600max
13.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	55.81	250max	1000 max
14.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.21	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	3.74	45max	NR
16.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	278	200max	600max
17.	Acidity as CaCO ₃	IS 3025 Part 22: 2024	mg/L	42	-	-
18.	Total Iron as Fe	IS 3025 Part 53: 2024	mg/L	0.17	0.30max	NR
19.	Chromium as Cr	IS 3025 Part 52: 2003(RA : 2023)	mg/L	0.02	0.05 max	NR
20.	Colour	IS 3025 Part 4: 2021	Hazen	1	5max	15max

Note: GW6: G 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.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-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	: 1488
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
14	Report Number	: SKAEW/BMMIL/GW/2026-27/550

Results

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

Note: Ab: Absent, NR: No Relaxation



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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TC-17231

ANNEXURE-56

Format No: SKAEW/7.8/RF/C/08

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical
6	Group	: Water
7	Sample Type	: RO Drinking Water
8	Sample Code	: 1489
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
14	Report Number	: ULR-TC1723126000000551F

Results

Sl. No.	Parameters	Protocol	Unit	RO Drinking Water	Standards as per 10500:2012	
					Acceptable Limits	Permis Limit in Absenc Altern Sour
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.49	6.5 to 8.5	NR
2.	Electrical Conductivity @ 25 °C	IS 3025 Part 14: 2013(RA : 2023)	µS/cm	184	-	-
3.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	98	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	30.23	200max	400m
6.	Sodium as Na	IS 3025 Part 45: 2024	mg/L	3.25	-	-
7.	Potassium as K	IS 3025 Part 45: 2024	mg/L	0.94	-	-
8.	Calcium as Ca	IS 3025 Part 40: 2024	mg/L	16	75max	200m
9.	Magnesium as Mg	IS 3025 Part 46: 2023	mg/L	12.63	30max	100m
10.	Total Hardness as CaCO ₃	IS 3025 Part 21: 2009	mg/L	92	200max	600m
11.	Chloride as Cl	IS 3025 Part 32: 2025	mg/L	29.04	250max	1000 r
12.	Fluoride as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.19	1 max	1.5 m
13.	Nitrate as NO ₃ -N	IS 3025 Part 34 Sec 1: 2023	mg/L	0.66	45max	NR
14.	Total Alkalinity as CaCO ₃	IS 3025 Part 23: 2023	mg/L	104	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	0.33	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	0.13	0.5max	1.0

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

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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ANNEXURE-56

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

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Grab Sampling
5	Discipline	: Chemical/Biological
6	Group	: Water
7	Sample Type	: RO Drinking Water
8	Sample Code	: 1489
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
14	Report Number	: SKAEW/BMMIL/RO/2026-27/551

Results

Sl. No	Parameters	Protocol	Unit	RO Drinking Water	Standards as per IS: 10500:2012	
					Acceptable Limits	Permissible Limit in the Absence of Alternate Source
21	Turbidity (NTU)	IS 3025 Part 10: 2023	NTU	1	1 max	5max
22	Oil & Grease	APHA 24th Edition 5520 B: 2023	mg/L	Nil	0.8max	No Relaxation
23	Phosphorus as P	IS 3025 Part 31 Sec 1: 2022	mg/L	BDL (<0.1)	-	-
24	Selenium as Se	APHA 24th Edition 3114 C: 2023	mg/L	<0.01	0.01max	No Relaxation
25	Nickel as Ni	APHA 24th Edition 3111 B: 2023	mg/L	<0.01	0.02 max	NR
26	Manganese as Mn	APHA 24th Edition 3111 B: 2023	mg/L	<0.01	0.10 max	0.30 max
27	Copper as Cu	APHA 24th Edition 3111 B: 2023	mg/L	<0.01	0.05 max	1.50 max
28	Zinc as Zn	APHA 24th Edition 3111 B: 2023	mg/L	<1.0	5 max	15 max
29	Lead as Pb	APHA 24th Edition 3111 B: 2023	mg/L	<0.01	0.01 max	NR
30	Arsenic as As	APHA 24th Edition 3114B: 2023	mg/L	<0.01	0.01 max	0.05 max
31	Cadmium as Cd	APHA 24th Edition 3111 B: 2023	mg/L	<0.001	0.003 max	NR
32	Cyanides (as CN)	APHA 24th Edition 4500 CN -D: 2023	mg/L	BDL	0.05max	No Relaxation
33	Phenolic Compound as phenols	IS:3025 (part 43)-1992, RA-2014, Chloroform extraction method	mg/L	BDL	1.0max	-
34	Escherichia coli count	IS :15185:2016	1 CFU/ 100 ml	Absent	Shall not be detectable in any 100ml sample	-

Note: Ab: Absent, NR: No Relaxation,



Reviewed & Authorized Signatory

R.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

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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	: 15.06.2026
9	Sample Received	: 15.06.2026
10	Date of Analysis	: 16.06.2026
11	Date of Analysis Completion	: 22.06.2026
12	Report Issue Date	: 02.07.2026

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		-	1490	1491	1492	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.43	7.43	7.02	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	17.52	18.62	19.33	<20
4.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 PART 44: 2023	mg/L	8	9	6	<10
5.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	36.48	39.68	19.84	<50
6.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	5.68	8.96	9.61	10
7.	Kjeldhal Nitrogen	IS 3025 Part 34 Sec 1: 2023	mg/L	1.02	1.15	3.62	5
8	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.07	0.08	0.11	-

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

I-STP 45 KLD – Near Fortivia Report Number: ULR-TC1723126000000552F

II-STP-1 90 KLD –Near ISP Area Report Number: ULR-TC1723126000000553F

III- STP-2 90 KLD –Near Gunda Guest House Report Number: ULR-TC1723126000000554F

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

Reviewed & Authorized Signatory

R. H. Bengeri

Mrs. Radha M Bengeri
Technical Manger



Note:

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ANNEXURE-57

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

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 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	:	15.06.2026
9	Sample Received	:	15.06.2026
10	Date of Analysis	:	16.06.2026
11	Date of Analysis Completion	:	22.06.2026
12	Report Issue Date	:	02.07.2026

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	-	1490	1491	1492	
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	25	27	41	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.H. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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TC-17231

ANNEXURE-58

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

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 Dated 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Discipline	:	Chemical
6	Group	:	Pollution & Environment
7	Sample Type	:	Waste Water
8	Date of Sampling	:	15.06.2026
9	Sample Received	:	15.06.2026
10	Date of Analysis	:	16.06.2026
11	Date of Analysis Completion	:	22.06.2026
12	Report Issue Date	:	02.07.2026
13	Report Number	:	ULR-TC1723126000000555F

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		
				1493	1494	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	8.32	8.29	6.5 to 9.0
2.	Total Suspended Solids	IS 3025 Part 17: 2022	mg/L	32.25	7.63	100
3.	Chemical Oxygen Demand as COD	IS 3025 Part 58: 2023	mg/L	BDL(<4.0)	BDL(<4.0)	250
4.	Oil & Grease	IS 3025 Part 39: 2021	mg/L	5.22	4.11	10

Note: BDL-Below detectable Limit.

INFERENCE: The Measured values are within the Limit.

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



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manger

Note:

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- 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-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	:	15.06.2026
9	Sample Received	:	15.06.2026
10	Date of Analysis	:	16.06.2026
11	Date of Analysis Completion	:	22.06.2026
12	Report Issue Date	:	02.07.2026
13	Report Number	:	ULR-TC1723126000000556F

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				Danayakanakere Upstream	Danayakanakere Downstream	
		Sample code		1495	1496	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.36	7.30	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	0.23	0.74	1.3
5	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	7.1	6.4	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.07	0.08	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:

- 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-59

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

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Sampling Procedure	:	SKAEW-LD/SOP/32
6	Discipline	:	Chemical
7	Group	:	Pollution & Environment
8	Sample Type	:	Surface Water
9	Date of Sampling	:	15.06.2026
10	Sample Received	:	15.06.2026
11	Date of Analysis	:	16.06.2026
12	Date of Analysis Completion	:	22.06.2026
13	Report Issue Date	:	02.07.2026
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		
				1495	1496	
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	75	93.5	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.
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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	:	15.06.2026
9	Sample Received	:	15.06.2026
10	Date of Analysis	:	16.06.2026
11	Date of Analysis Completion	:	22.06.2026
12	Report Issue Date	:	02.07.2026
13	Report Number	:	ULR-TC1723126000000557F

Sl. No.	Parameters	Protocol	Unit	Results		IS 2296 - 1982 CLASS -B
				KempuHalla Upstream	KempuHalla Downstream	
		Sample code		1497	1498	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.80	7.64	6.5-8.5
2.	Color	IS 3025 Part 4: 2021		1	1	300
3.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 Part 44: 2023	mg/L	<2.0	<2.0	3.0
4	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.17	0.22	1.3
5	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.9	6.6	>5
6	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.04	0.05	1.0

INFERENCE: The measured values are within the Limit

End of the Report



Reviewed & Authorized Signatory

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

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

Analysis Report of Water Quality Data

1	Name of the Industry	: BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	: WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	: Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	: Composite Sampling
5	Sampling Procedure	: SKAEW-LD/SOP/32
6	Discipline	: Chemical
7	Group	: Pollution & Environment
8	Sample Type	: Surface Water
9	Date of Sampling	: 15.06.2026
10	Sample Received	: 15.06.2026
11	Date of Analysis	: 16.06.2026
12	Date of Analysis Completion	: 22.06.2026
13	Report Issue Date	: 02.07.2026
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		1497	1498	
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	73	88	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	:	15.06.2026
9	Sample Received	:	15.06.2026
10	Date of Analysis	:	16.06.2026
11	Date of Analysis Completion	:	22.06.2026
12	Report Issue Date	:	02.07.2026
13	Report Number	:	ULR-TC1723126000000558F

Sl. No.	122Parameters	Protocol	Unit	Results	IS 2296 -1982 CLASS -B
				Tungabhadra dam	
				Sample Code 1499	
1.	pH @ 25 °C	IS 3025 Part 11: 2022	-	7.76	6.5-8.5
2.	Color	IS 3025 Part 4: 2021		1	300
3.	Biochemical Oxygen Demand as BOD (3 days at 27°C)	IS 3025 Part 44: 2023	mg/L	2.5	3.0
4.	Fluorides as F	APHA 24th Edition 4500-F-B, D: 2024	mg/L	0.17	1.5
5.	Total Dissolved Solids	IS 3025 Part 16: 2023	mg/L	314	-
6.	Dissolved Oxygen	IS 3025 Part 38: 2025	mg/L	6.9	>5
7.	Chromium hexavalent as Cr+6	IS 3025 Part 52: 2003 (Reaffirmed Year : 2023)	mg/L	0.04	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:

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

ANNEXURE-61

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

Analysis Report of Water Quality Data

1	Name of the Industry	:	BMM Ispat Ltd., Danapur, Hosapete Taluk, Vijayanagara District.
2	Customer Reference	:	WORKORDER NO.. 4500005206 DATED 05.06.2026
3	Sample collected by	:	Shri Krishna Aqua Engineering Works
4	Particulars of sample collected	:	Composite Sampling
5	Sampling Procedure	:	SKAEW-LD/SOP/32
6	Discipline	:	Chemical/Biological
7	Group	:	Pollution & Environment
8	Sample Type	:	Surface Water
9	Date of Sampling	:	15.06.2026
10	Sample Received	:	15.06.2026
11	Date of Analysis	:	16.06.2026
12	Date of Analysis Completion	:	22.06.2026
13	Report Issue Date	:	02.07.2026
14.	Report Number	:	SKAEW/BMMIL/SW/2026-27/467

Sl. No.	Parameters	Protocol	Unit	Results	IS 2296 -1982 CLASS -B
				Tungabhadra dam	
Sample Code			1499		
8	Total Suspended Solids	APHA 24th Edition 2540 D: 2023	mg/L	24.22	-
9	Arsenic as As	APHA 24thEdition3114- B : 2023	mg/L	<0.01	0.2
10	Cyanides (as CN)	APHA 24th Edition 4500 CN -D : 2023	mg/L	BDL	0.05
11	Phenolic Compounds (as C ₆ H ₅ OH)	IS:3025 (part 43)-1992, RA-2014, Chloroform extraction method	mg/L	BDL	0.005
12.	Total Coliform Organisms,				
	Total Coli forms	IS :1622:1981	MPN/ 100 ml	80	500
	Escherichia coli or E. coli	IS : 1622:1981	MPN/ 100 ml	Absent	-

Note: BDL-Below detectable Limit

INFERENCE: The measured values are within the Limit.



Reviewed & Authorized Signatory

R.M. Bengeri

Mrs. Radha M Bengeri
Technical Manager

Note:

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WATER SAMPLING LOCATIONS



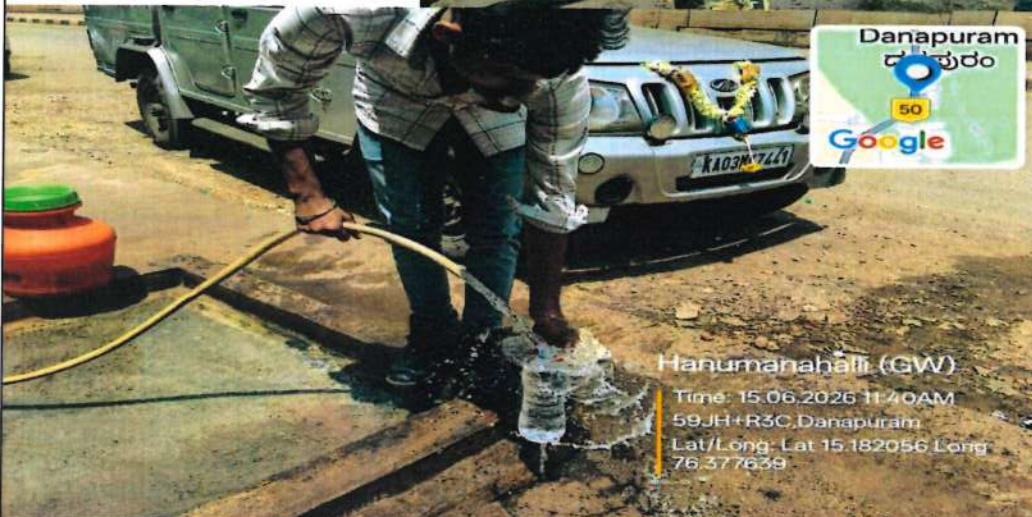
Danapur Village (GW)

Time: 15.06.2026 12:34PM
59GF+F2G,Danapuram
Lat/Long: Lat 15.176172 Long
76.372557



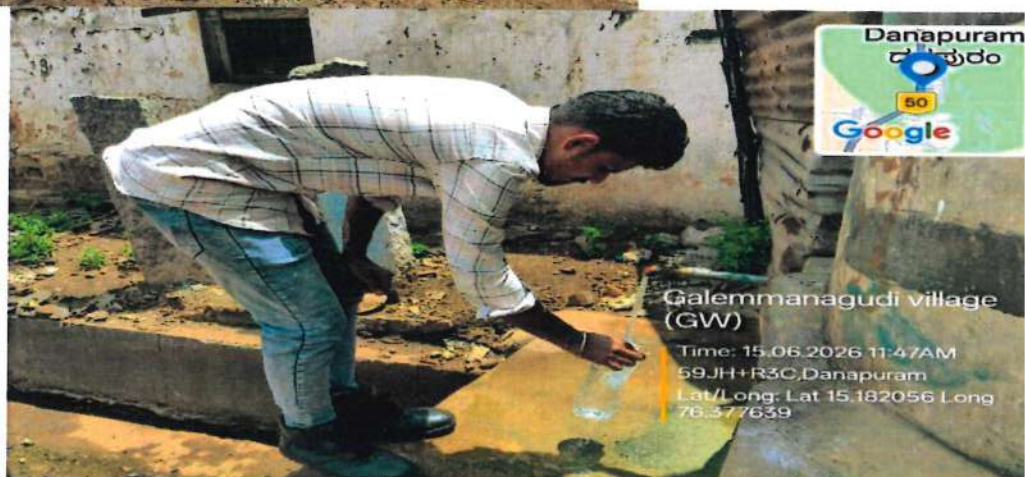
Mariyammanahalli (GW)

Time: 15.06.2026 03:14PM
5967+RH7,Danapuram
Lat/Long: Lat 15.162026 Long
76.363977



Hanumanahalli (GW)

Time: 15.06.2026 11:40AM
59JH+R3C,Danapuram
Lat/Long: Lat 15.182056 Long
76.377639

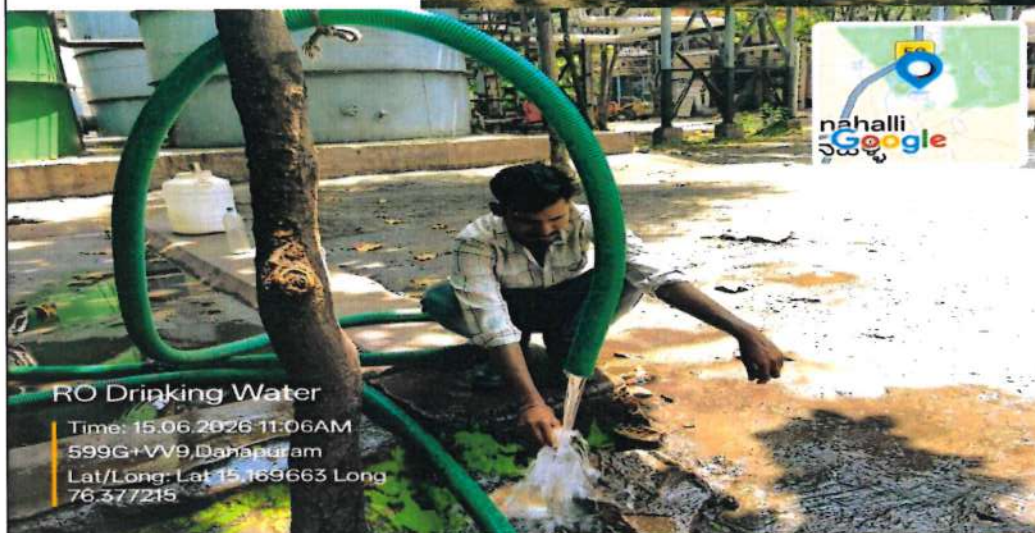


Galemmanagudi village (GW)

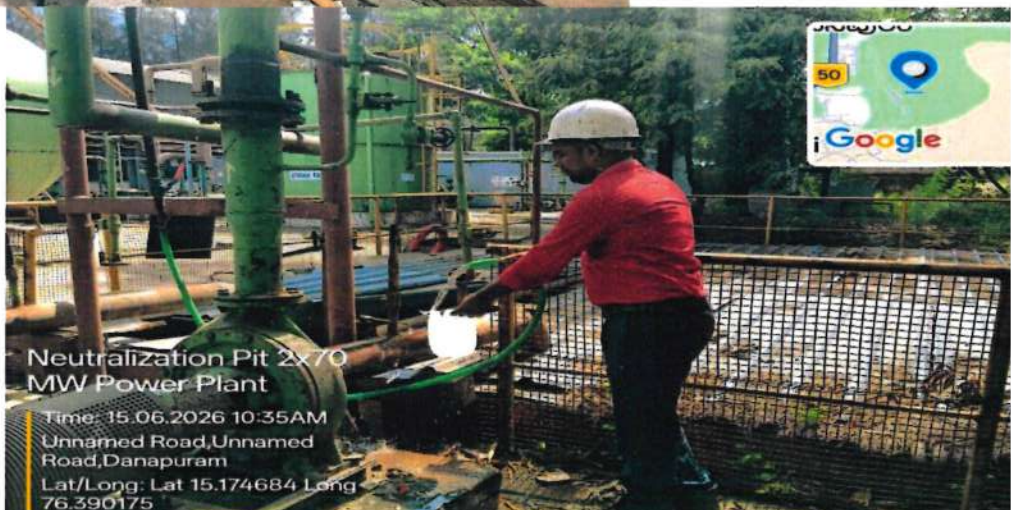
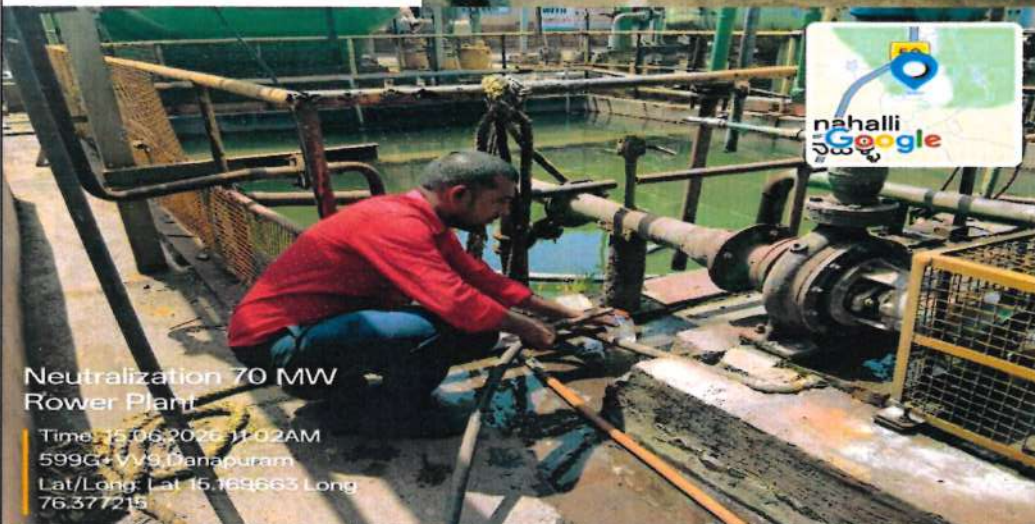
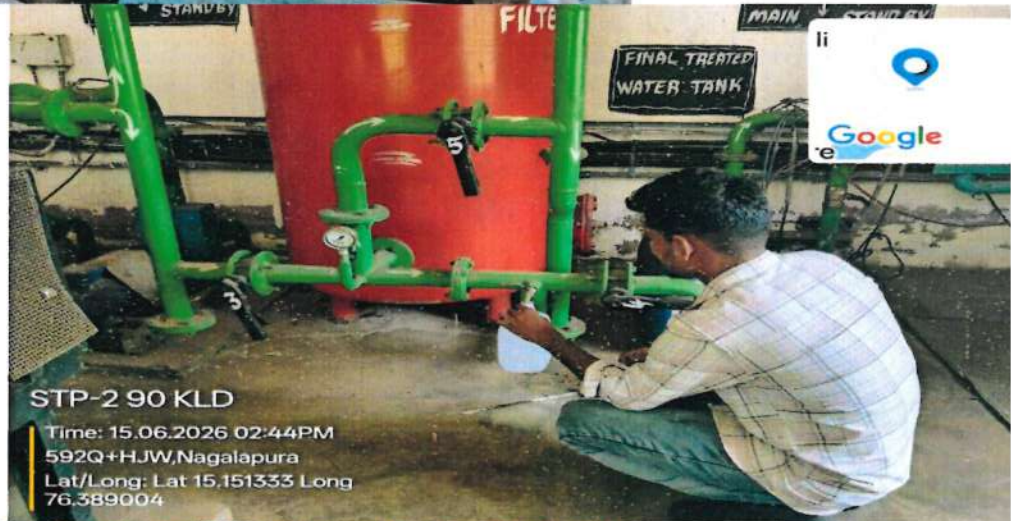
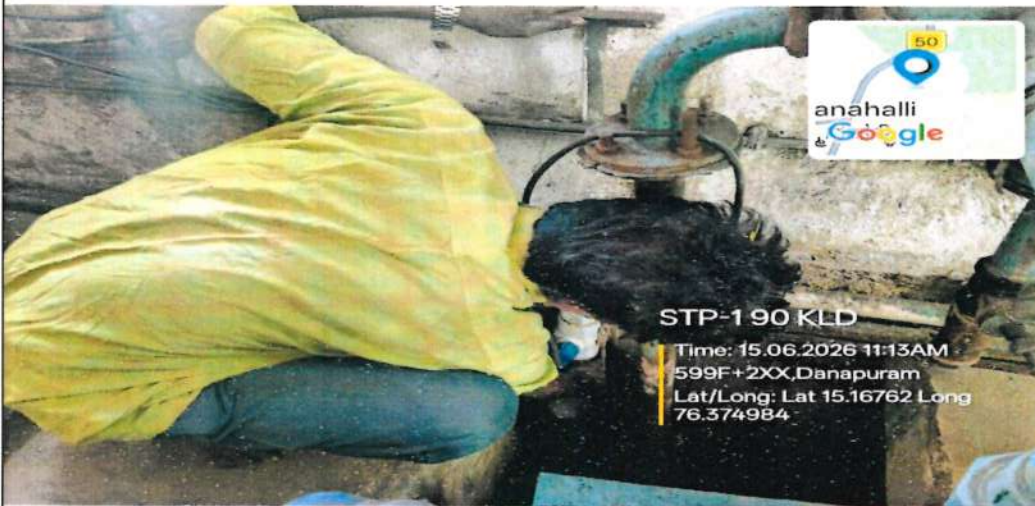
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59JH+R3C,Danapuram
Lat/Long: Lat 15.182056 Long
76.377639



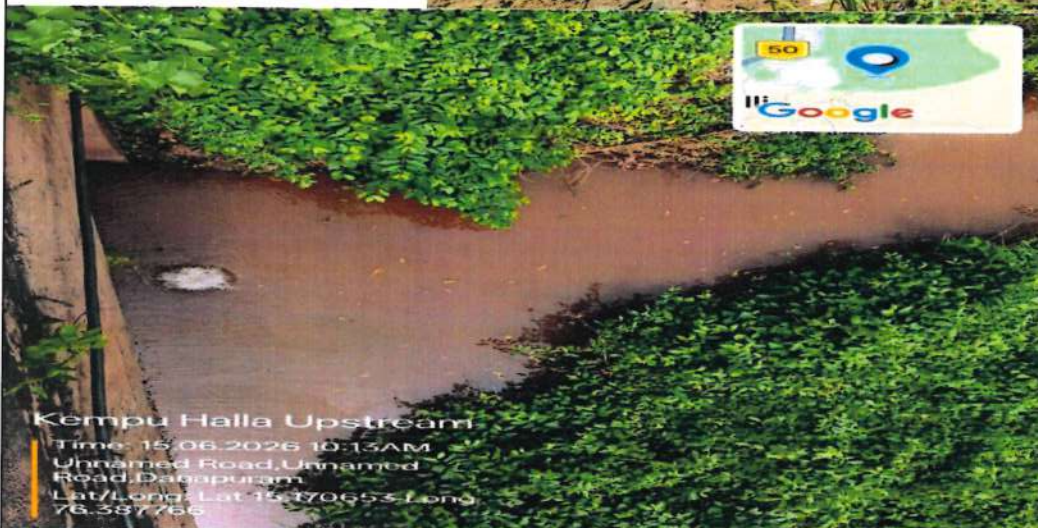
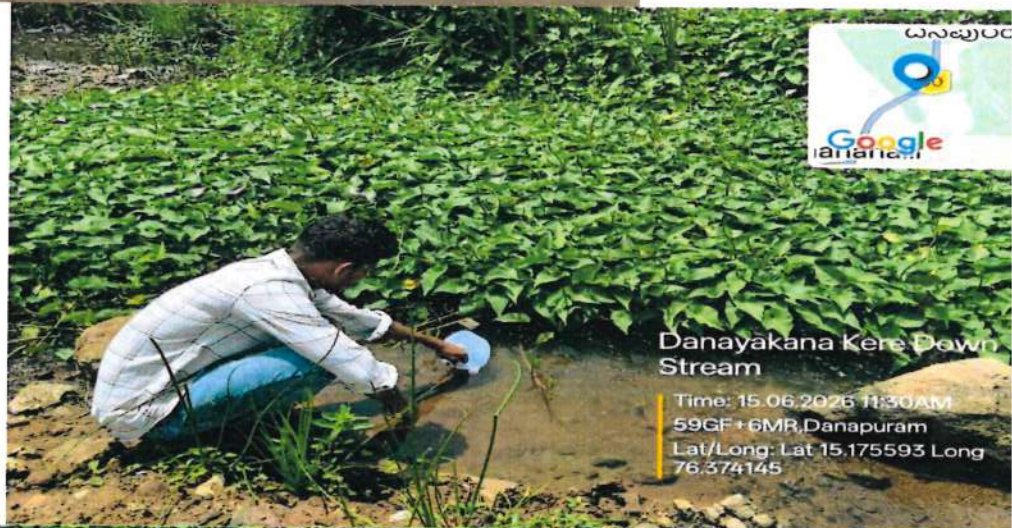
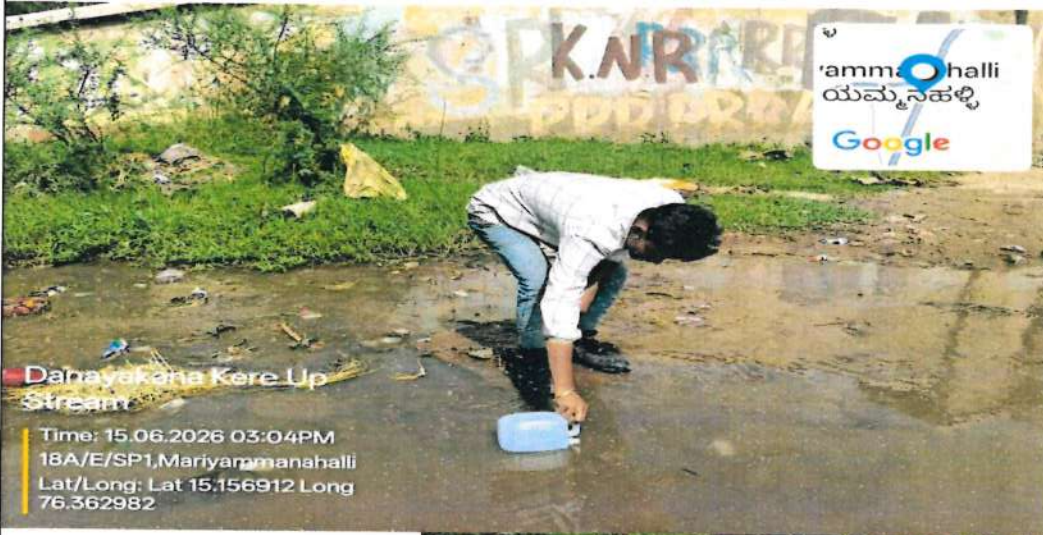
WATER SAMPLING LOCATIONS



WATER SAMPLING LOCATIONS



WATER SAMPLING LOCATIONS



STP WATER SAMPLING LOCATIONS

