



PHEET EMBLEM



TC-13669

PHEET LAB PRIVATE LIMITED

ISO 9001:2015, ISO 14001:2015, ISO 45001: 2018 Certified & NABL Accredited Lab

Testing Of Water/Waste Water/Ambient Air/Stack Emission & Noise

Under 01 Roof, Located In Bhagirathi Lane, Opposite Malaria Control Office, Ashok Rajpath, Mahendru, Patna-800006

Email-Pheetlab@gmail.com / Sharma.chandrabhan9@gmail.com

Mob-9065103567, 9546991814

TEST REPORT

Sample/Report No. TC-136692400000018F

Date- 05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.O:- Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Ambient Air

Sampling done by Staff Of PHEET Lab

P.O No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Sampling Duration : 24 Hours

Sampling Place:- TTC Gate

Sr. No	Date	Parameters						
		PM10 $\mu\text{g}/\text{m}^3$	PM2.5 $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO ₂ $\mu\text{g}/\text{m}^3$	O ₃ $\mu\text{g}/\text{m}^3$	NH ₃ $\mu\text{g}/\text{m}^3$	CO mg/m^3
1	02-05-2024	74	50.03	20.62	32.54	35.42	18.52	0.52
2	06-05-2024	77	47.65	18.67	26.48	31.08	16.27	0.64
3	09-05-2024	76	49.82	17.48	25.19	37.84	16.43	0.51
4	14-05-2024	72	44.28	15.38	24.01	30.16	17.85	0.49
5	17-05-2024	80	46.39	19.83	23.69	32.51	15.29	0.52
6	21-05-2024	78	50.17	20.08	25.87	30.98	15.02	0.62
7	23-05-2024	80	52.97	16.43	24.08	36.41	16.48	0.53
8	27-05-2024	77	51.06	17.08	27.43	33.05	14.87	0.51
9	30-05-2024	75	48.75	16.59	29.51	31.07	17.95	0.66
#NAAQS Limit		100 24-h avg	60 24-h avg	80 24-h avg	80 24-h avg	180 24-h avg	400 24-h avg	4 24-h avg
Protocol Used		IS 5182(P-23)	IS 5182(P-24)	IS 5182(P-2)	IS 5182(P-6)	IS 5182(P-9)	IS 5182(P-25)	IS 5182(P-10)

Analyzed all 12 parameters are within acceptable limit

Tested By
Chemist

Approved & Issued by

Dr. C. B Sharma

CMD cum TM

1. Test Reports Are Valid For The Sample Tested In Our Lab
 2. Sample Tested Are Not Returnable, Unless Stated For
 3. Test Report are Not Valid For Judicial Purpose
 4. In Case Of Any Dispute, It Would Be The Subject Of Patna Jurisdiction

PHEET LAB
 PATNA



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Mob-9065103567, 9546991814

TEST REPORT

Sample/Report No. TC-136692400000018F

Date- 05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.o:-Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Ambient Air

Sampling done by Staff Of PHEET Lab

P.o No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Sampling Duration : 24 Hours

Sampling Place:- TTC Gate

Sr. No	Date	Parameters				
		B (a) P ng/m3	Benzene µg/m3	As ng/m3	Ni ng/m3	pb µg/m3
1	02-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
2	06-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
3	09-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
4	14-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
5	17-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
6	21-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
7	23-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
8	27-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
9	30-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
#NAAQS Limit		1 (annual avg)	5 (annual avg)	6 (annual avg)	20 (annual avg)	1 24-h avg
Protocol Used		IS 5182, (P-12)	IS 5182, (P-11)	IS 5182, (P-22)	IS 5182, (P-22)	IS 5182 (P-22)

Analyzed all 12 parameters are within acceptable limit

Tested By

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TEST REPORT

Sample/Report No. TC-136692400000015F

Date- 05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.O:- Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Ambient Air

Sampling done by Staff Of PHEET Lab

P.O No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Sampling Duration : 24 Hours

Sampling Place:- Canteen Area

Sr. No	Date	Parameters				
		B (a) P ng/m3	Benzene µg/m3	As ng/m3	Ni ng/m3	pb µg/m3
1	02-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
2	06-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
3	09-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
4	14-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
5	17-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
6	21-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
7	23-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
8	27-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
9	30-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
#NAAQS Limit		1 (annual avg)	5 (annual avg)	6 (annual avg)	20 (annual avg)	1 24-h avg
Protocol Used		IS 5182, (P-12)	IS 5182, (P-11)	IS 5182, (P-22)	IS 5182, (P-22)	IS 5182 (P-22)
Remark						
Analyzed all 12 parameters are within acceptable limit						

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Sample/Report No. TC-136692400000015F

Date- 05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.O:-Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Ambient Air

Sampling done by Staff Of PHEET Lab

P.O No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Sampling Duration : 24 Hours

Sampling Place:- Canteen Area

Sr. No	Date	Parameters						
		PM10 µg/m ³	PM2.5 µg/m ³	SO ₂ µg/m ³	NO ₂ µg/m ³	O ₃ µg/m ³	NH ₃ µg/m ³	CO mg/m ³
1	02-05-2024	75	44	17.43	30.84	36.83	18.18	0.64
2	06-05-2024	74	42	17.98	26.41	37.42	18.72	0.51
3	09-05-2024	71	43	16.07	26.84	35.18	17.24	0.49
4	14-05-2024	77	45	18.65	26.94	35.75	18.93	0.53
5	17-05-2024	71	47	17.39	31.72	36.8	15.08	0.52
6	21-05-2024	76	42	15.84	30.7	33.74	15.79	0.55
7	23-05-2024	76	45	13.28	29.68	35.92	17.4	0.59
8	27-05-2024	75	41	15.62	27.46	35.43	15.73	0.48
9	30-05-2024	73	44	15.79	26.83	36.62	16.45	0.56
≠NAAQS Limit		100 24-h avg	60 24-h avg	80 24-h avg	80 24-h avg	180 24-h avg	400 24-h avg	4 24-h avg
Protocol Used		IS 5182(P-23)	IS 5182(P-24)	IS 5182(P-2)	IS 5182(P-6)	IS 5182(P-9)	IS 5182(P-25)	IS 5182(P-10)

Remarks

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Dr. C. B Sharma

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Sample/Report No. TC-136692400000017F

Date-05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.o:-Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Ambient Air

Sampling done by Staff Of PHEET Lab

P.o No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Sampling Duration : 24 Hours

Sampling Place:- Pump House

Sr. No	Date	Parameters						
		PM10 $\mu\text{g}/\text{m}^3$	PM2.5 $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO ₂ $\mu\text{g}/\text{m}^3$	O ₃ $\mu\text{g}/\text{m}^3$	NH ₃ $\mu\text{g}/\text{m}^3$	CO mg/m^3
1	02-05-2024	90	52	17.85	27.43	36.54	12.04	0.72
2	06-05-2024	92	51	15.42	32.01	35.16	14.68	0.57
3	09-05-2024	86	50	15.98	32.52	37.24	12.5	0.61
4	14-05-2024	85	49	16.35	29.46	32.19	16.83	0.54
5	17-05-2024	87	45	13.25	30.08	33.52	16.42	0.6
6	21-05-2024	91	43	14.26	34.23	36.41	15.73	0.52
7	23-05-2024	88	48	16.84	31.48	38.94	14.98	0.55
8	27-05-2024	90	50	16.03	30.47	35.62	15.47	0.61
9	30-05-2024	84	82	17.82	35.28	29.87	16.39	0.5
≠NAAQS Limit		100 24-h avg	60 24-h avg	80 24-h avg	80 24-h avg	180 24-h avg	400 24-h avg	4 24-h avg
Protocol Used		IS 5182(P-23)	IS 5182(P-24)	IS 5182(P-2)	IS 5182(P-6)	IS 5182(P-9)	IS 5182(P-25)	IS 5182(P-10)

Remarks

Analyzed all 12 parameters are within acceptable limit

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Sample/Report No. TC-136692400000017F

Date-05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.O:-Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Ambient Air

Sampling done by Staff Of PHEET Lab

P.O No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Sampling Duration : 24 Hours

Sampling Place:- Pump House

Sr. No	Date	Parameters				
		B (a) P ng/m3	Benzene µg/m3	As ng/m3	Ni ng/m3	pb µg/m3
1	02-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
2	06-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
3	09-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
4	14-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
5	17-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
6	21-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
7	23-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
8	27-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
9	30-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
#NAAQS Limit		1 (annual avg)	5 (annual avg)	6 (annual avg)	20 (annual avg)	1 24-h avg
Protocol Used		IS 5182, (P-12)	IS 5182, (P-11)	IS 5182, (P-22)	IS 5182, (P-22)	IS 5182 (P-22)
Remarks						
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Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.O.-Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Ambient Air

Sampling done by Staff Of PHEET Lab

P.O. No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Sampling Duration : 24 Hours

Sampling Place:- Near Material Gate

Sr. No	Date	Parameters						
		PM10 $\mu\text{g}/\text{m}^3$	PM2.5 $\mu\text{g}/\text{m}^3$	SO ₂ $\mu\text{g}/\text{m}^3$	NO ₂ $\mu\text{g}/\text{m}^3$	O ₃ $\mu\text{g}/\text{m}^3$	NH ₃ $\mu\text{g}/\text{m}^3$	CO mg/m^3
1	02-05-2024	70	46	15.83	35.43	34.25	14.82	0.54
2	06-05-2024	72	44	16.27	34.07	33.58	14.68	0.51
3	09-05-2024	75	42	15.76	30.07	35.61	16.41	0.49
4	14-05-2024	71	45	13.95	27.16	33.29	17.98	0.71
5	17-05-2024	76	41	17.82	30.94	31.96	16.94	0.52
6	21-05-2024	74	45	17.26	35.16	35.12	15.23	0.48
7	23-05-2024	78	48	18.08	32.72	32.62	14.86	0.43
8	27-05-2024	75	42	16.71	32.69	36.92	13.29	0.74
9	30-05-2024	70	41	16.76	31.04	34.87	14.85	0.64
#NAAQS Limit		100 24-h avg	60 24-h avg	80 24-h avg	80 24-h avg	180 24-h avg	400 24-h avg	4 24-h avg
Protocol Used		IS 5182(P-23)	IS 5182(P-24)	IS 5182(P-2)	IS 5182(P-6)	IS 5182(P-9)	IS 5182(P-25)	IS 5182(P-10)
Remarks								
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Dy.CME/Pig RWP,Bela,3rd Floor Administrative Building						
P.O:-Anand Nagar, Dariapur Block District-Saran (Saran),Bihar-841221						
Description of Sample :-Ambient Air						
Sampling done by Staff Of PHEET Lab						
P.O No- RWP/Pig/Safety/Env/2023 Dated-19/12/2023						
Sampling Duration : 24 Hours						
Sampling Place:- Near Material Gate						
Sr. No	Date	Parameters				
		B (a) P ng/m3	Benzene µg/m3	As ng/m3	Ni ng/m3	pb µg/m3
1	02-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
2	06-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
3	09-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
4	14-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
5	17-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
6	21-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
7	23-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
8	27-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
9	30-05-2024	BDL(DL-0.5)	BDL(DL-0.5)	BDL(DL-1.0)	BDL(DL-10.0)	BDL(DL-0.5)
#NAAQS Limit		1 (annual avg)	5 (annual avg)	6 (annual avg)	20 (annual avg)	1 24-h avg
Protocol Used		IS 5182, (P-12)	IS 5182, (P-11)	IS 5182, (P-22)	IS 5182, (P-22)	IS 5182 (P-22
Remark						
Analyzed all 12 parameters are within acceptable limit						

Tested By
Chemist

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3. Test Report are Not Valid For Judicial Purpose
4. In Case Of Any Dispute, It Would Be The Subject Of Patna Jurisdiction

Approved & Issued
Dr. A B Sharma
CMD cum TM



PHEET EMBLEM



TC-13669

PHEET LAB PRIVATE LIMITED

ISO 9001:2015, ISO 14001:2015, ISO 45001: 2018 Certified & NABL Accredited Lab

Testing Of Water/Waste Water/Ambient Air/Stack Emission & Noise

Under 01 Roof, Located In Bhagirathi Lane, Opposite Malaria Control Office, Ashok Rajpath, Mahendru, Patna-800006

Email-Pheetlab@gmail.com/ Sharma.chandrabhan9@gmail.com

Mob-9065103567, 9546991814

TEST REPORT

Sample/Report No. TC-136692400000021F

Date-05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy. COME/Plg RWP, Bela, 3rd Floor Administrative Building

P.O.-Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Ambient Noise Monitoring

Sampling done by Staff Of PHEET Lab

P.O. No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

SR. No	Noise Location	Date Of Monitoring	day Time	Standard Level Of Exposure as Per Factories Act, 1986
1	Electric Arc Furnace	27-05-2024	80.43	90 db - 8 hr 92 db- 6hr 95 db - 4 hr 97 db- 3hr 100 db- 2hr 105 db- 1hr
2	Fire Office	06-05-2024	84.67	
3	WFPS	21-05-2024	77.43	
4	NF/ DF	14-05-2024	79.84	

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TEST REPORT

Sample/Report No. TC-136692400000020F

Date-05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.O:-Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Fugitive Emission

Sampling done by Staff Of PHEET Lab

P.Lo No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

SR. No	Location	Date Of Monitoring	Parameter	Unit	Result	Limit	Test Method
1	NF/DF Furnace	06-05-2024	SPM	$\mu\text{g}/\text{m}^3$	1540	2000	IS -5182 P-4 2005
2	WFPS Area	27-05-2024			1268		
3	MRS	21-05-2024			1498		
4	Electric Arc Furnace	14-05-2024			1530		

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Mob-9065103567, 9546991814

TEST REPORT

Sample/Report No. TC-136692400000022F

Date-05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.O:- Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Stack Emission Monitoring

Sampling done by Staff Of PHEET Lab

P.O No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Parameters	Electric Arc Furnace	DF Furnace	Normalizing Furnace	Prescribed Standard Limit
Date Of Monitoring	24-05-2024	24-05-2024	24-05-2024	
1 Gas Temp ⁰ c	112	147	134	-
2 Velocity m/s	8.74	11.62	10.52	-
3 PM mg/Nm ³	45.06	45.68	47.01	50
4 So ₂ mg/nm ³	<1	<1	<1	Not Specified
5 Nox mg/nm ³	27.37	27.43	25.19	Not Specified

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TEST REPORT

Sample/Report No. TC-136692400000019F

Date-05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.O:- Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- DG Set Stack Monitoring

Sampling done by Staff Of PHEET Lab

P.O No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Parameters	2400 KVA DG Set 1	2400 KVA DG Set 2	Prescribed Standard Limit As Per Act, 1986 GSR 280E, Dated 11-04/2008
Date Of Monitoring	24-05-2024	24-05-2024	
1 Gas Temp °C	171	174	—
2 Velocity m/s	14.25	13.08	—
3 PM mg/Nm ³	62	60	75
4 SO ₂ mg/nm ³	45.27	44.01	S In Fuel <2%
5 Nox ppm	80.67	87.43	710

Tested by
chemist

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TEST REPORT

Sample/Report No. TC-136692400000023F

Date-05/06/2024

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Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.o:-Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- Canteen Waste water

Date Of Sampling- 24/05/2024

Sampling done by Staff Of PHEET Lab

P.o No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Sl No.	Parameters	Unit	Test Method	Results	General Discharge Standard Inland Surface Water
1	PH	—	IS-3025 PART -11-2022	7.53	5.5-9.0
2	Color	Hazen Unit	IS-3025 -PART 4	5	—
3	Total Suspended Solids	mg/l	IS-3025 PART -17-2022	77	100
4	Total Dissolve Solids	mg/l	IS-3025 PART -16-2023	584	2100
5	BOD	mg/l	IS-3025 PART -44-2023	26	30
6	COD	mg/l	IS-3025 PART -58-2023	124	250
7	Oil & Grease	mg/l	APHA 4500 D	1.85	10
8	Chloride As Cl	mg/l	IS-3025 PART -32-1988	30.62	1000
9	Sulphate As So ₄	mg/l	IS-3025 PART -24-2022	40.58	1000
10	Ammonical N As N	mg/l	IS-3025 PART -34-1988	14.06	50
11	Total Kjeldahl Nitrogen As N	mg/l	IS-3025 PART -34-1988	10.08	100
12	Dissolve Phosphate	mg/l	IS-3025 PART -31-2022	3.65	5

End Of The Test Report

Page-1/1

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Under 01 Roof, Located In Bhagirathi Lane, Opposite Malaria Control Office, Ashok Rajpath, Mahendru, Patna-80000

Email-Pheetlab@gmail.com / Sharma.chandrabhan9@gmail.com

Mob-9065103567, 9546991814

TEST REPORT

Sample/Report No. TC-136692400000024F

Date-05/06/2024

Name & Address:- Rail Wheel Plant/Bela (Indian Railways) Govt. Of India

Dy.CME/Plg RWP, Bela, 3rd Floor Administrative Building

P.o:-Arvind Nagar, Dariapur Block District-Saran (Saran), Bihar-841221

Description of Sample :- STP OUTLET

Sampling done by Staff Of PHEET Lab

Date Of Sampling -24/05/2024

P.o No- RWP/Plg/Safety/Env/2023 Dated-19/12/2023

Sl No.	Parameters	Unit	Test Method	Results	General Discharge Standard Inland Surface Water
1	PH	—	IS-3025 PART -11-2022	7.59	5.5-9.0
2	Color	Hazen Unit	IS-3025 -PART 4	5	—
3	Total Suspended Solids	mg/l	IS-3025 PART -17-2022	45	100
4	Total Dissolve Solids	mg/l	IS-3025 PART -16-2023	440	2100
5	BOD	mg/l	IS-3025 PART -44-2023	17	30
6	COD	mg/l	IS-3025 PART -58-2023	46.98	250
7	Oil & Grease	mg/l	APHA 4500 D	1.02	10
8	Chloride As Cl	mg/l	IS-3025 PART -32-1988	24.83	1000
9	Sulphate As So4	mg/l	IS-3025 PART -24-2022	37.26	1000
10	Ammonical N As N	mg/l	IS-3025 PART -34-1988	4.25	50
11	Total Kjeldahl Nitrogen As N	mg/l	IS-3025 PART -34-1988	6.41	100
12	Dissolve Phosphate	mg/l	IS-3025 PART -31-2022	1.74	5

End Of The Test Report

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GMD 2024 TM

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