



<b>SR.</b>	<b>DESCRIPTION</b>	<b>PAGE NO</b>
1	Ambient air Quality Monitoring Report	02
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5	Analysis Report of Effluent Water	08-09
6	Analysis Report of Drilling cuttings	10

<b>Name &amp; Address of the Customer :</b> M/s Prabha Energy Pvt. Ltd, 4th Floor, Rishabh Complex, Opposite to gate No. 4 Ashok Nagar (Above Bank of India), Ranchi, Jharkhand-834002 <b>Sample Particulars:</b> Ambient Air Quality	<b>Test Report No.:</b> NIL /PEPL/21-22/AAQ-2	
	<b>Issue Date</b> : 11.11.2021 <b>Your Ref</b> : LOA Dt.13.11.2019	
<b>Test Method</b> : IS:5182 & CPCB Guidelines <b>Test Required</b> : As given below	<b>Date of Registration</b>	05.11.2021
	<b>Date of commencement of testing</b>	05.11.2021
	<b>Date of completion of testing</b>	11.11.2021
	<b>Sample condition at receipt</b>	Found ok
<b>Sampling Method:</b> Sample collected by our representative on 03-11-2021		

S. No	Parameter	Unit	Result			CPCB Limit
			NK#6	NK#26	NK#37	
1	PM10	µg/m3	71	82	65	100(24hr)
2	PM2.5	µg/m3	41	45	35	60(24hr)
3	Sulphur Dioxide	µg/m3	42.5	37.4	36.5	80(24hr)
4	Nitrogen Dioxide	µg/m3	48.5	42.5	43.2	80(24hr)
5	Ozone	µg/m3	29.5	25.4	23.5	100(8hr)
6	Lead	µg/m3	ND	ND	ND	1(24hr)
7	Carbon Monoxide	mg/m3	0.51	0.38	0.24	2(1hr)
8	Ammonia	µg/m3	28.5	22.4	21.6	400(24hr)
9	Benzene	µg/m3	ND	ND	ND	05(1yr)
10	Benzo(a)Pyrene	ng/m3	ND	ND	ND	01(1yr)
11	Arsenic	ng/m3	ND	ND	ND	06(1hr)
12	Nickel	ng/m3	ND	ND	ND	20(1hr)

For Netel India Limited




<b>Name &amp; Address of the Customer :</b> M/s Prabha Energy Pvt. Ltd, 4th Floor, Rishabh Complex, Opposite to gate No. 4 Ashok Nagar (Above Bank of India), Ranchi, Jharkhand-834002 <b>Sample Particulars:</b> Noise Monitoring	<b>Test Report No.:</b> NIL /PEPL/21-22/Noise-2 <b>Issue Date</b> : 05.11.2021 <b>Your Ref</b> : LOA Dt.13.11.2019	
	<b>Test Method</b> : IS 9876:1981 & User Manual <b>Test Required</b> : As given below	<b>Date of Registration</b> <b>Date of commencement of testing</b> <b>Date of completion of testing</b> <b>Sample condition at receipt</b>
<b>Sampling Method:</b> Sample collected by our representative on 03-11-2021		

**NOISE MONITORING REPORT**

Location	Unit	Result	
		Day Time	Night Time
CPCB Standard Limit	dB(A)	<b>75</b>	<b>70</b>
NK # 6	dB(A)	43.5	38.2
NK # 24	dB(A)	31.0	29.4
NK # 30	dB(A)	32.8	25.5

For Netel India Limited






<b>Name &amp; Address of the Customer :</b> M/s Prabha Energy Pvt. Ltd, 4th Floor, Rishabh Complex, Opposite to gate No. 4 Ashok Nagar (Above Bank of India), Ranchi, Jharkhand-834002 <b>Sample Particulars:</b> Ground water	<b>Test Report No.:</b> NIL/PEPL/21-22/GW-2 <b>Issue Date</b> : 11.11.2021 <b>Your Ref</b> : LOA Dt.13.11.2019.										
<b>Qty</b> : 1No. × 1Litre each <b>Test Method</b> : IS:3025 & APHA 23 <sup>rd</sup> Edition <b>Packing</b> : Plastic Bottle <b>Test Required</b> : As given below	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"><b>Date of Registration</b></td> <td>05.11.2021</td> </tr> <tr> <td><b>Date of commencement of testing</b></td> <td>05.11.2021</td> </tr> <tr> <td><b>Date of completion of testing</b></td> <td>11.11.2021</td> </tr> <tr> <td><b>Sample condition at receipt</b></td> <td>Found ok</td> </tr> <tr> <td colspan="2"><b>Sample tested as received</b></td> </tr> </table>	<b>Date of Registration</b>	05.11.2021	<b>Date of commencement of testing</b>	05.11.2021	<b>Date of completion of testing</b>	11.11.2021	<b>Sample condition at receipt</b>	Found ok	<b>Sample tested as received</b>	
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<b>Sampling Method:</b> Sample collected by our representative on 03.11.2021 <span style="float: right;"><b>Page: 1 of 4</b></span>											

S. No.	PARAMETER	UNIT	NK#6	NK#20	NK#24	NK#37	Acceptable Limit as per IS:10500;2012
1	pH	----	7.3	7.1	7.0	7.2	6.5-8.5
2	Temperature	°C	29	30.2	30.8	30.6	-
3	Colour	Hazen	<1.0	<1.0	<1.0	<1.0	5(max)
3	Total suspended solids	mg/l	03	02	03	02	-
4	Total solids	mg/l	298	310	300	312	-
5	Total Dissolved solids	mg/l	301	312	303	314	500 (max.)
6	Conductivity	µsm/cm	435	441	445	456	-
7	Dissolved Oxygen	mg/l	6.5	6.2	6.8	6.5	-
8	Zinc as Zn	mg/l	1.8	1.4	1.9	1.5	5(max.)
9	Iron as Fe	mg/l	0.12	0.11	0.14	0.13	0.3(max)
10	BOD (3 days @ 27°C )	mg/l	1.6	1.5	1.5	1.0	-
11	COD	mg/l	5.0	4.8	4.5	5.5	-
12	Chloride as Cl	mg/l	78.5	82.5	86.0	85.5	250(max.)
13	Sulphate as SO <sub>4</sub>	mg/l	22.4	24.8	29.5	24.8	200(max.)
14	Total Hardness	mg/l	132	128	125	124	200(max.)
15	Calcium as Ca	mg/l	42.5	45.9	47.5	43.5	75(max.)
16	Magnesium as Mg	mg/l	25.7	28.9	31.2	24.5	30(max.)
17	Sodium as Na	mg/l	0.2	0.5	0.4	0.5	-
18	Oil and Grease	mg/l	ND	ND	ND	ND	-
19	Phenolic compounds as C <sub>6</sub> H <sub>5</sub> OH	mg/l	ND	ND	ND	ND	0.001(max.)
20	Cyanide as CN	mg/l	ND	ND	ND	ND	0.05(Max)
21	Fluoride as F	mg/l	0.03	0.01	0.02	0.01	1(max.)
22	Sulphide as H <sub>2</sub> S	mg/l	ND	ND	ND	ND	0.05(max.)
23	Chromium as Cr	mg/l	ND	ND	ND	ND	-
24	Hexavalent Chromium as Cr <sup>+6</sup>	mg/l	ND	ND	ND	ND	0.05(max.)
25	Copper as Cu	mg/l	ND	ND	ND	ND	0.05(max.)
26	Lead as Pb	mg/l	ND	ND	ND	ND	0.01(max.)
27	Mercury as Hg	mg/l	ND	ND	ND	ND	0.001(max.)



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28	Nickel as Ni	mg/l	ND	ND	ND	ND	0.02(max.)
29	Arsenic as As	mg/l	ND	ND	ND	ND	0.01(max)
30	Manganese as Mn	mg/l	ND	ND	ND	ND	0.1(max)
31	Vanadium as V	mg/l	ND	ND	ND	ND	-

ND: Not Detected

For Netel India Limited



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<b>Name &amp; Address of the Customer :</b> M/s Prabha Energy Pvt. Ltd, 4th Floor, Rishabh Complex, Opposite to gate No. 4 Ashok Nagar (Above Bank of India), Ranchi, Jharkhand-834002 <b>Sample Particulars:</b> Surface water	<b>Test Report No.:</b> NIL/PEPL/21-22/SW-2 <b>Issue Date</b> : 11.11.2021 <b>Your Ref</b> : LOA Dt.13.11.2019										
<b>Qty</b> : 1No. × 1Litre each <b>Test Method</b> : IS:3025 & APHA 23 <sup>rd</sup> Edition <b>Packing</b> : Plastic Bottle <b>Test Required</b> : As given below	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"><b>Date of Registration</b></td> <td>05.11.2021</td> </tr> <tr> <td><b>Date of commencement of testing</b></td> <td>05.11.2021</td> </tr> <tr> <td><b>Date of completion of testing</b></td> <td>11.11.2021</td> </tr> <tr> <td><b>Sample condition at receipt</b></td> <td>Found ok</td> </tr> <tr> <td colspan="2"><b>Sample tested as received</b></td> </tr> </table>	<b>Date of Registration</b>	05.11.2021	<b>Date of commencement of testing</b>	05.11.2021	<b>Date of completion of testing</b>	11.11.2021	<b>Sample condition at receipt</b>	Found ok	<b>Sample tested as received</b>	
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<b>Sampling Method:</b> Sample collected by our representative on 03.11.2021 <span style="float: right;"><b>Page: 1</b> of 2</span>											

S. No.	PARAMETER	UNIT	NK#6	NK#20	NK#21	NK#24
1	pH	----	7.2	7.5	7.9	7.8
2	Temperature	°C	27.6	27.5	28.0	27.9
3	Colour	Hazen	1.4	1.8	1.5	1.7
4	Total Suspended solids	mg/l	11	12	09	14
5	Total Dissolved solids	mg/l	275	268	270	284
6	Conductivity	µsm/cm	381	378	379	381
7	Residual free Chlorine	mg/l	0.14	0.19	0.15	0.17
8	Zinc as Zn	mg/l	1.6	1.5	1.2	1.9
9	Iron as Fe	mg/l	0.24	0.28	0.26	0.24
10	BOD (3days @ 27°C)	mg/l	11.2	13.2	12.7	10.5
11	COD	mg/l	32.5	34.5	32.5	30.0
12	Chloride as Cl	mg/l	84.5	78.5	72.0	75.0
13	Sulphate as SO <sub>4</sub>	mg/l	36.5	38.5	32.5	30.8
14	Calcium as Ca	mg/l	50.4	42.1	41.5	38.5
15	Magnesium as Mg	mg/l	33.2	31.6	30.8	31.4
16	M-Alkalinity	mg/l	174	185	179	182
17	P-Alkalinity	mg/l	NIL	NIL	NIL	NIL
18	Sodium as Na	mg/l	21.5	20.8	19.5	20.5
19	Sodium Absorption Ratio	-	0.4	0.6	0.8	0.6
20	Total Kjeldahl Nitrogen	mg/l	4.0	3.5	3.8	3.2
21	Oil and Grease	mg/l	ND	ND	ND	ND
22	Cyanide as CN	mg/l	ND	ND	ND	ND
23	Chromium as Cr	mg/l	ND	ND	ND	ND
24	Hexavalent Chromium as Cr <sup>+6</sup>	mg/l	ND	ND	ND	ND
25	Lead as Pb	mg/l	ND	ND	ND	ND
26	Mercury as Hg	mg/l	ND	ND	ND	ND
27	Nickel as Ni	mg/l	ND	ND	ND	ND



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28	Cadmium as Cd	mg/l	ND	ND	ND	ND
29	Vanadium as V	mg/l	ND	ND	ND	ND
30	Arsenic as As	mg/l	ND	ND	ND	ND

ND: Not Detected

**For Netel India Limited**



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<b>Name &amp; Address of the Customer :</b> M/s Prabha Energy Pvt. Ltd, 4th Floor, Rishabh Complex, Opposite to gate No. 4 Ashok Nagar (Above Bank of India), Ranchi, Jharkhand-834002 <b>Sample Particulars:</b> Effluent water	<b>Test Report No.:</b> NIL/PEPL/21-22/EW-2  <b>Issue Date</b> : 11.11.2021  <b>Your Ref</b> : LOA Dt.13.11.2019										
<b>Qty</b> : 1No. × 1Litre each <b>Test Method</b> : IS:3025 & APHA 23 <sup>rd</sup> Edition <b>Packing</b> : Plastic Bottle <b>Test Required</b> : As given below	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;"><b>Date of Registration</b></td> <td>05.11.2021</td> </tr> <tr> <td><b>Date of commencement of testing</b></td> <td>05.11.2021</td> </tr> <tr> <td><b>Date of completion of testing</b></td> <td>11.11.2021</td> </tr> <tr> <td><b>Sample condition at receipt</b></td> <td>Found ok</td> </tr> <tr> <td colspan="2"><b>Sample tested as received</b></td> </tr> </table>	<b>Date of Registration</b>	05.11.2021	<b>Date of commencement of testing</b>	05.11.2021	<b>Date of completion of testing</b>	11.11.2021	<b>Sample condition at receipt</b>	Found ok	<b>Sample tested as received</b>	
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<b>Sample condition at receipt</b>	Found ok										
<b>Sample tested as received</b>											
<b>Sampling Method:</b> Sample collected by our representative on 03.11.2021											

S. No.	PARAMETER	UNIT	NK#6	NK#20	NK#21	NK#24	CPCB std Limit
1	pH	-----	8.2	8.5	8.0	8.1	5.5-9.0
2	Temperature	°C	41.6	43.5	42.8	43.5	40(max)
3	Total suspended solids	mg/l	16	18	15	18	100(max)
4	Total solids	mg/l	665	674	692	685	-
5	Total Dissolved solids	mg/l	649	656	677	667	2100(max)
6	Zinc as Zn	mg/l	3.5	3.9	3.5	3.4	5.0(max)
7	BOD (3 days @ 27°C )	mg/l	6.5	5.5	7.0	6.0	30(max)
8	COD	mg/l	14.0	17.0	20.0	19.0	100(max)
9	Chloride as Cl	mg/l	124	135	148	142	600(max)
10	Sulphate as SO <sub>4</sub>	mg/l	50	53	58	55	1000(max)
11	Sodium as Na	mg/l	21.6	22.4	21.5	22.0	60(max)
11	Oil and Grease	mg/l	07	05	06	05	10(max)
12	Phenolic compounds as C <sub>6</sub> H <sub>5</sub> OH	mg/l	ND	ND	ND	ND	1.2(max)
13	Cyanide as CN	mg/l	ND	ND	ND	ND	0.2(max)
13	Fluoride as F	mg/l	0.11	0.14	0.13	0.18	1.5(max)
14	Sulphide as H <sub>2</sub> S	mg/l	ND	ND	ND	ND	2.0(max)
15	Chromium as Cr	mg/l	0.02	0.03	0.02	0.05	1.0(max)
16	Hexavalent Chromium as Cr <sup>+6</sup>	mg/l	ND	ND	ND	ND	0.1(max)
17	Copper as Cu	mg/l	ND	ND	ND	ND	0.2(max)
18	Lead as Pb	mg/l	ND	ND	ND	ND	0.1(max)
19	Mercury as Hg	mg/l	ND	ND	ND	ND	0.01(max)
20	Nickel as Ni	mg/l	ND	ND	ND	ND	3.0(max)

ND: Not Detected

**For Netel India Limited**





<b>Name &amp; Address of the Customer :</b> M/s Prabha Energy Pvt. Ltd, 4th Floor, Rishabh Complex, Opposite to gate No. 4 Ashok Nagar (Above Bank of India), Ranchi, Jharkhand-834002 <b>Sample Particulars:</b> Effluent water		<b>Test Report No.:</b> NIL/PEPL/21-22/EW-2 <b>Issue Date</b> : 11.11.2021 <b>Your Ref</b> : LOA Dt.13.11.2019	
<b>Qty</b> : 1No. × 1Litre each <b>Test Method</b> : IS:3025 & APHA 23 <sup>rd</sup> Edition <b>Packing</b> : Plastic Bottle <b>Test Required</b> : As given below	<b>Date of Registration</b>		05.11.2021
	<b>Date of commencement of testing</b>		05.11.2021
	<b>Date of completion of testing</b>		11.11.2021
	<b>Sample condition at receipt</b>		Found ok
	<b>Sample tested as received</b>		
<b>Sampling Method:</b> Sample collected by our representative on 03.11.2021			Page: 2 of 2

S. No.	PARAMETER	UNIT	NK#26	NK#30	NK#37	CPCB std Limit
1	pH	-----	8.3	8.5	8.6	5.5-9.0
2	Temperature	°C	46.5	45.0	42.8	40(max)
3	Total suspended solids	mg/l	16	19	17	100(max)
4	Total solids	mg/l	648	678	677	-
5	Total Dissolved solids	mg/l	632	659	660	2100(max)
6	Zinc as Zn	mg/l	3.5	4.2	4.6	5.0(max)
7	BOD (3 days @ 27°C )	mg/l	4.5	3.9	5.2	30(max)
8	COD	mg/l	12.8	13.2	12.8	100(max)
9	Chloride as Cl	mg/l	128	136	138	600(max)
10	Sulphate as SO <sub>4</sub>	mg/l	54	51	59	1000(max)
11	Sodium as Na	mg/l	21.5	23.5	22.4	60(max)
11	Oil and Grease	mg/l	16	19	16	10(max)
12	Phenolic compounds as C <sub>6</sub> H <sub>5</sub> OH	mg/l	ND	ND	ND	1.2(max)
13	Cyanide as CN	mg/l	ND	ND	ND	0.2(max)
13	Fluoride as F	mg/l	0.15	0.14	0.16	1.5(max)
14	Sulphide as H <sub>2</sub> S	mg/l	ND	ND	ND	2.0(max)
15	Chromium as Cr	mg/l	0.01	0.02	0.01	1.0(max)
16	Hexavalent Chromium as Cr <sup>+6</sup>	mg/l	ND	ND	ND	0.1(max)
17	Copper as Cu	mg/l	ND	ND	ND	0.2(max)
18	Lead as Pb	mg/l	ND	ND	ND	0.1(max)
19	Mercury as Hg	mg/l	ND	ND	ND	0.01(max)
20	Nickel as Ni	mg/l	ND	ND	ND	3.0(max)

ND: Not Detected

For Netel India Limited






<b>Name &amp; Address of the Customer :</b> M/s Prabha Energy Pvt. Ltd, 4th Floor, Rishabh Complex, Opposite to gate No. 4 Ashok Nagar (Above Bank of India), Ranchi, Jharkhand-834002 <b>Sample Particulars:</b> Drilling Cuttings	<b>Test Report No.:</b> NIL/PEPL/21-22/F-2	
	<b>Issue Date</b> : 11.11.2021	<b>Your Ref</b> : LOA Dt.13.11.2019
<b>Qty</b> : 1No. × 200g each <b>Test Method</b> : IBM Manual /ICPOES <b>Packing</b> : Plastic Bottle <b>Test Required</b> : As given below	<b>Date of Registration</b>	05.11.2021
	<b>Date of commencement of testing</b>	05.11.2021
	<b>Date of completion of testing</b>	11.11.2021
	<b>Sample condition at receipt</b>	Found ok
	<b>Sample tested as received</b>	
<b>Sampling Method:</b> Sample collected by our representative on 03.11.2021		

S.No	Paramter	Unit	Result				
			NK#41	NK#36	NK#61	NK#55	NK#60
1	Chromium as Cr	% by mass	0.004	0.006	0.003	0.005	0.007
2	Copper as Cu	% by mass	0.005	0.004	0.005	0.004	0.006
3	Lead as Pb	% by mass	0.004	0.003	0.004	0.001	0.001
4	Zinc as Zn	% by mass	0.006	0.002	0.004	0.003	0.005
5	Nickel as Ni	% by mass	0.001	0.003	0.002	0.004	0.001
6	Mercury as Hg	% by mass	ND	ND	ND	ND	ND
7	Iron as Fe	% by mass	2.12	2.02	1.15	2.15	1.69
8	Oil & Grease	% by mass	0.003	0.015	0.007	0.006	0.019
9	Cyanide as CN	% by mass	ND	ND	ND	ND	ND
10	Fluoride as F	% by mass	ND	ND	ND	ND	ND

ND: Not Detected

**For Netel India Limited**

