



CENTRAL POLLUTION CONTROL BOARD  
REGIONAL DIRECTORATE KOLKATA  
Regional Directorate, 502 Southend Conclave, 6th Floor, 1582 Rajdanga Main Road, Kolkata- 700107



Water Laboratory (ANALYSIS REPORT)

Waste Water Samples for Physico-Chemical Analysis Report A

ULR No: TC700123000000115F

TC-7001

Samples Registration No. & Date : RDKL/WW/2324/SR00067, 01/12/2023 Report No. & Date of Issue : RDKL/2324/WW/00103,10/12/2023  
Analysis Request Division/Organization : RD Kolkata Report sent to (Name,Mobile no. & Address of Indentor) : DH of RD Kolkata  
Sample Details : M/s Bhubaneswar Power Private Limited, Anantapur, Dhurusia, Cuttack Sample Matrix : Waste Water  
Sample Collected by : Md. A. Rafique,A K Dubey, B Mondal Date & Time of Sample Receipt : 01/12/2023 17:27 PM  
Sampling Plan Preference : Sample Analysis Period : 01/12/2023 to 04/12/2023  
Report Status : Final

Sr.No	Date of Sample Collection	Field Code	Biochemical Oxygen Demand (20 deg. C for 5 days & 27 deg.C for 3 days)	Chemical Oxygen Demand	Chromium	Copper	Iron	Oil & Grease	pH	Phosphate - P	Total Suspended Solids	Zinc
1	30/11/2023	S-1	2	16	50	15	466	BDL	8.3	0.20	14	177
2	30/11/2023	S-2	1	16	68	15	1615	BDL	8.4	0.27	11	72
3	30/11/2023	S-3	2	40	28	11	810		8.1	0.04	33	237
4	30/11/2023	S-4	3	32	26	11	2959		7.3	0.04	60	135

BDL : Below Deduction Limit

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Md Abdur Rafique

Abhijit Pathak

Doc: CB/RDK/TR/QR/7.8/2

Issue No.:01

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Issue Date:20/01/2020

Revision Date: 08/12/2022

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Remarks (if any) :

BchY. .... 5` h.Y VcbWbhfUjcbg UFY`YI dfYggYX`]b`a [ #`YI Wdhd<`UbX`7cbXi Vdij ]mfEa \c#A#E. fEa \c#A#E

Statement :

- 1.\*\*\*\*\*The results relate only to the samples tested.
- 2.\*\*\*\*\*The report shall not be reproduced except in full without written approval of the laboratory
- 3.\*\*\*\*\*BDL & Test methods are mentioned on back side of this report.
- 4.\*\*\*\*\*Samples will be retained only for one week after receipt of Report.

Parameter Name	Test Method	Unit	Limit of Detection	Uncertainty of Measurement
Biochemical Oxygen Demand (20 deg. C for 5 days & 27 deg.C for 3 days)	APHA 24th Ed., 5210 B Part5000.533 to 537	mg/l	1 mg/l	
Chemical Oxygen Demand	APHA 23th Ed. 5220 B. Part5000.544 to 545	mg/l	2 mg/l	
Chromium	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Copper	APHA 24th Ed. 3125 B Part 3000.233 to 242	ug/l	10 ppb	
Iron	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Oil & Grease	APHA 24th Ed. 5520-B Part5000.572-574	mg/l	5 mg/l	
pH	APHA 24th Ed. 4500-H+B Part 4000.473-478		2	
Phosphate - P	APHA 24th Ed. 4500-P D Part 4000.485-486	mg/l	0.01 mg/l	
Total Suspended Solids	APHA 24th Ed. 2540-D Part 2000.146 to 147	mg/l	5 mg/l	
Zinc	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	

Analyst

Supervisor & Reviewer

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