

Laboratory **Paradeep Phosphates Limited (Environment Management Department), PPL Township, Paradeep, Dist. Jagatsinghpur, Odisha**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7576**

Page 1 of 1

Validity **12.07.2018 to 11.07.2020**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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CHEMICAL TESTING

I.	POLLUTION & ENVIRONMENT			
1.	Waste Water (Effluents/ Sewage)	pH	IS 3025 (Part 11)	2 to 12
		Phosphate as PO ₄	IS 3025 (Part 31)	2.0 mg/l to 100 mg/l
		Fluoride	APHA	2.0 mg/l to 100 mg/l
		Total Suspended Solid	IS 3025 (Part 17)	2.0 mg/l to 200 mg/l
		Total Dissolved Solid	IS 3025 (Part 16)	5 mg/l to 5000 mg/l
		BOD @ 27 °C 3 days	IS 3025 (Part 44)	3 mg/l to 500 mg/l
		Chemical Oxygen Demand	APHA	5 mg/l to 2000 mg/l
II.	ATMOSPHERIC POLLUTION			
1.	Ambient Air	Particulate Matter (PM _{2.5})	SOP NO.PPL/ EMD/ SOP/ 01 Issue No: 01 Issue Date: 05.07.2017	12 µg/m ³ to 200 µg/m ³
		Particulate Matter (PM ₁₀)	IS 5182 (Part 23)	15 µg/m ³ to 1000 µg/m ³
2.	Stack Emission Monitoring	Particulate matter	IS 11255 (Part 1)	15 mg/Nm ³ to 1000 mg/Nm ³