



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name POLYMER PAPERS LTD., ENVIRONMENTAL SERVICES DIVISION LABORATORY,
12/6 MATHURA ROAD, FARIDABAD, HARYANA , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5310 Page No. : 1 / 6

Validity 29/04/2019 to 28/04/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	CHEMICAL-ATMOSPHERIC POLLUTION	Air	Ammonia	CPCB-NAAQMS-36: 2012	5 µg/m ³ to 200 µg/m ³
2	CHEMICAL-ATMOSPHERIC POLLUTION	Air	Nitrogen dioxide	IS:5182 (Part-6): 2006	4 µg/m ³ to 500 µg/m ³
3	CHEMICAL-ATMOSPHERIC POLLUTION	Air	PM 10	IS:5182 (Part-23): 2006	10 µg/m ³ to 1000 µg/m ³
4	CHEMICAL-ATMOSPHERIC POLLUTION	Air	PM 2.5	US EPA 40 CRF (Part-50): 2006	10 µg/m ³ to 500 µg/m ³
5	CHEMICAL-ATMOSPHERIC POLLUTION	Air	Sulfur dioxide	IS:5182 (Part-2): 2001	4 µg/m ³ to 1060 µg/m ³
6	CHEMICAL-ATMOSPHERIC POLLUTION	D.G Set, Work shop	Source Noise Level	IS:4758: 1968	35 dB(A) to 130 dB(A)
7	CHEMICAL-ATMOSPHERIC POLLUTION	Stack, Chimney, Duct	Oxides of Nitrogen	IS:11255 (Part-7): 2005	5 mg/Nm ³ to 500 mg/Nm ³
8	CHEMICAL-ATMOSPHERIC POLLUTION	Stack, chimney, Duct	Particulate Matter	IS 11255 (Part-1): 1985	10 mg/ Nm ³ to 2000 mg/ Nm ³
9	CHEMICAL-ATMOSPHERIC POLLUTION	Stack, chimney, Duct	Sulphur Dioxide	IS 11255 (Part-2): 1985	5 mg/ Nm ³ to 1000 mg/ Nm ³



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S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Ammonical Nitrogen as N	IS 3025 (Part-34):1988: RA 2014	1.0 mg/ L to 100 mg/ L
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	B.O.D - 3 days at 27°C	IS 3025 (Part-44):1993: RA 2014	5 mg/ L to 400 mg/ L
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	C.O.D	IS 3025 (Part-58):2006: RA 2017	5 mg/ L to 1000 mg/ L
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper as Cu	IS 3025 (Part-42):1992 Method A: RA 2014	0.05 mg/ L to 5 mg/ L
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Dissolved Oxygen	IS 3025 (Part-38):1989: RA 2014	1.0 mg/ L to 10 mg/ L
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Hexavalent Chromium as Cr+6	IS 3025 (Part-52):2003 Method A: RA 2014	0.03 mg/ L to 100 mg/ L
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Iron as Fe	IS 3025 (Part-53):2003 Method A: RA 2014	0.05 mg/ L to 25 mg/ L
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Lead as Pb	IS 3025 (Part-47):1994 Method D: RA 2014	0.01 mg/L to 5 mg/L
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nickel as Ni	IS 3025 (Part-54):2003 Method A: RA 2014	0.05 mg/ L to 10 mg/ L
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Odour	IS 3025 (Part-5):1983: RA 2017	Qualitative



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20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil and Grease	IS 3025 (Part-39):1991 Method a: RA 2014	1 mg/ L to 100 mg/ L
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH	IS 3025 (Part-11):1983: RA 2017	4 to 12
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phenol	IS 3025 (Part-43):1992: RA 2014	0.01 mg/ L to 50 mg/ L
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phosphate as PO ₄	IS 3025 (Part-31):1988: RA 2014	0.5 mg/ L to 50 mg/ L
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Chromium as Cr	IS 3025 (Part-52):2003 Method A: RA 2014	0.3 mg/ L to 100 mg/ L
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Suspended Solids	IS 3025 (Part-17):1984: RA 2017	1 mg/ L to 1000 mg/ L
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Zinc as Zn	IS 3025 (Part-49):1994 Method A: RA 2014	0.02 mg/ L to 5 mg/ L
27	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Acidity as CaCO ₃	IS 3025 (Part-22): 1986: RA 2014	2.0 mg/ L to 500 mg/ L
28	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Alkalinity as CaCO ₃	IS 3025 (Part-23): 1986: RA 2014	2.0 mg/ L to 500 mg/ L
29	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Ammonical Nitrogen as N	IS 3025 (Part-34): 1988: RA 2014	1.0 mg/ L to 100 mg/ L
30	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	B.O.D-3 days at 27°C	IS 3025 (Part-44):1993: RA 2014	5 mg/ L to 400 mg/ L



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31	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	C.O.D	IS 3025 (Part-58): 2006: RA 2017	5 mg/ L to 1000 mg/ L
32	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Calcium as Ca	IS 3025 (Part-40): 1991: RA 2014	1.0 mg/ L to 200 mg/ L
33	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking Water	Chloride as Cl	IS 3025 (Part-32): 1986 Argentometric Method: RA 2014	5 mg/ L to 1000 mg/ L
34	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Copper as Cu	IS 3025 (Part-42):1992 Method A: RA 2014	0.05 mg/ L to 5 mg/ L
35	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Dissolved Oxygen	IS 3025 (Part-38): 1989: RA 2014	1.0 mg/ L to 10 mg/ L
36	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Flouride as F	IS 3025 (Part-60):2008: RA 2013	0.05 mg/ L to 10 mg/ L
37	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Hexavalent Chromium as Cr+6	IS 3025 (Part-52):2003 Method A: RA 2014	0.03 mg/ L to 100 mg/ L
38	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Iron as Fe	IS 3025 (Part-53):2003 Method A: RA 2014	0.05 mg/ L to 25 mg/ L
39	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Lead as Pb	IS 3025 (Part-47):1994 Method D: RA 2014	0.01 mg/L to 2 mg/L
40	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Magnesium as Mg	IS 3025 (Part-46): 1994: RA 2014	5.0 mg/ L to 1000 mg/ L
41	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Nickel	IS 3025 (Part-54):2003 Method A: RA 2014	0.05 mg/ L to 10 mg/ L
42	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Nitrate as NO3	IS 3025 (Part-34): 1988: RA 2014	0.5 mg/ L to 20 mg/ L
43	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Nitrite as NO2	IS 3025 (Part-34):1988: RA 2014	0.5 mg/ L to 10 mg/ L
44	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Odour	IS 3025 (Part-5):1983: RA 2017	Qualitative

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45	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking Water	Oil and Grease	IS 3025 (Part-39):1991: RA 2014	1 mg/ L to 100 mg/ L
46	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking Water	pH Value	IS 3025 (Part-11): 1983: RA 2017	4 to 12
47	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Phenol	IS 3025 (Part-43):1992: RA 2014	0.01 mg/ L to 50 mg/ L
48	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Phosphate as PO4	IS 3025 (Part-31): 1988 Stannous Chloride Method: RA 2014	0.5 mg/ L to 50 mg/ L
49	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking Water	Silica as SiO2	IS 3025 (Part-35):1988 Method B: RA 2014	0.1 mg/ L to 50 mg/ L
50	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	specific Conductance	IS 3025 (Part-14): 1984: RA 2013	1 µmhos/cm to 20000 µmhos/cm
51	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking Water	Sulphate	IS 3025 (Part-24):1986: RA 2014	1 mg/ L to 400 mg/ L
52	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Sulphite	IS 3025 (Part-28):1986: RA 2014	2 mg/ L to 100 mg/ L
53	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking Water	Temperature	IS 3025 (Part-9):1991: RA 2017	10 °C to 50 °C
54	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Total Chromium as Cr	IS 3025 (Part-52):2003 Method A: RA 2014	0.3 mg/ L to 100 mg/ L
55	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Total Dissolved Solids	IS 3025 (Part-16): 1984: RA 2017	5 mg/ L to 10000 mg/ L
56	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Total Hardness as CaCO3	IS 3025 (Part-21): 2009: RA 2014	2.0 mg/ L to 1000 mg/ L
57	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking Water	Total solids	IS 3025 (Part-15):1984: RA 2014	1 mg/ L to 10000 mg/ L
58	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Total Suspended Solids	IS 3025 (Part-17): 1984: RA 2017	1 mg/ L to 1000 mg/ L

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59	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Turbidity	IS 3025 (Part-10): 1984: RA 2017	1 NTU to 600 NTU
60	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Volatile and Fixed residue	IS 3025 (Part-18) : 1984: RA 2017	5 mg/ L to 10000 mg/ L
61	CHEMICAL- WATER	Water- Surface/ Bore well/ Drinking water	Zinc as Zn	IS 3025 (Part-49):1994 Method A: RA 2014	0.02 mg/ L to 5 mg/ L