



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name PAPER TESTING LAB, IIT ROORKEE, SAHARANPUR CAMPUS, PAPER MILL ROAD, SAHARANPUR CAMPUS, SAHARANPUR, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8285 Page No. : 1 / 2

Validity 18/01/2019 to 17/01/2021 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	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Product	Cobb test for water penetration	IS-1060 (pt 1) 1966 Reaffirmed: 2014	5 g/m ³ to 500 g/m ³
2	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Brightness	IS 1060 (Pt 2) 1966 Reaffirmed: 2014	0 % to 100 %
3	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Brightness	ISO 2470-1: 2016	0 % to 100 %
4	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Cobb test for water penetration	ISO 535: 2014	5 g/m ² to 500 g/m ²
5	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Folding Endurance (Double fold)	ISO 5626: 1993	1 No. of double folds to 49000 No. of double folds
6	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Grammage (GSM)	IS-1060 (pt 1) 1966 Reaffirmed : 2014	10 gm/m ² to 500 gm/m ²
7	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Grammage (GSM)	ISO 536: 2012	10 g/m ² to 500 g/m ²
8	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Opacity	ISO 2471: 2008	0 % to 100 %
9	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Opacity	IS-1060 (pt 1) 1966 Reaffirmed: 2014	0 % to 100 %



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10	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Smoothness & Porosity (Bendsten type)	ISO 5636-3: 2013	5 ml/min to 3000 ml/min
11	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Smoothness & Porosity (Bendtsen type)	IS 9894:1981 Reaffirmed : 2016	5 ml/min to 3000 ml/min
12	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Stiffness (Bending Resistance)	ISO 2493-1: 2010	1 mN to 8000 mN
13	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Tear Index	IS-1060 (pt 1) 1966 Reaffirmed : 2014	0.5 mNm ² /g to 20 mNm ² /g
14	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Tear Index	ISO 1974: 2012	0.5 mNm ² /g to 20 mNm ² /g
15	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Tensile Index	IS 1060 (Pt 1) 1966 Reaffirmed : 2014	5 N.m/g to 50 N.m/g
16	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Tensile Index	ISO 1924-2: 2008	5 Nm/g to 50 Nm/g
17	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Thickness	IS-1060 (pt 1) 1966 Reaffirmed : 2014	0.005 mm to 2.5 mm
18	MECHANICAL-PAPER & PAPER PRODUCTS	Paper & Paper Products	Thickness	ISO 534: 2011	0.005 mm to 2.5 mm