

Laboratory	ITC Life Sciences & Technology Centre, No. 3, 1st Main Road, Peenya Industrial Area, 1st Phase, Bangalore, Karnataka		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	08.03.2014
Certificate Number	T-1734	Valid Until	07.03.2016
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
I.	TOBACCO AND BY-PRODUCTS			
a.	Cigarette Paper	Air Permeability – Standard Paper	ISO 2965-2009 (E)	20 to 120 / 0.1 CU
b.	Cigarettes	Ignition Strength	ASTM – 2187-09	Qualitative
		Ignition Propensity	ISO 12863: 2010 / Cor 1:2011	Qualitative
		Loss of Tobacco from the ends	ISO 3550-1 1997	1 to 50 / 0.1 mg
		Weight	IS 1577 - 2008	0.6 to 2.0 / 0.001 gm
		Draw Resistance (H ₂ O)	ISO 6565 – 2011	20 to 300 / 1.0 mm
		Ventilation	ISO 9512 – 2002	5 to 80 / 0.1%
		Nominal Diameter (Circumference)	ISO 2971 – 1998	16.50 to 25.50 / 0.01 mm
		Length	IS 1577 – 2008, Annexure A	10 to 150 / 0.5mm
		Filling Density	IS 1577 – 2008, Annexure D	150 to 300 / 0.1 mg/cc derived value
		Net wt of Tobacco per Cig	IS 1577 – 2008, Annexure C	0.50 to 1.5 / 0.001 gm
		Loose Shorts	IS 1577 – 2008, Annexure C	0.05 to 2.0 / 0.01 mg/cig
		Firmness	In-house Method TTP/VAL/PHY/03-10, Issue No. 00, Revision 00, Dated : 1 st May 2009	50 to 85 / 0.1%
		Air Permeability	ISO 2965 2009	5 to 2200 / 0.1 CU

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c.	Banded Cigarette Paper	Air Permeability – Banded Paper (CU)	ISO 2965 – 2009 (E)	3 to 50 / 0.1
d.	Paper And Paper Board	Grammage	ISO 536 – 1995 (E)	10 to 40 / 0.1 gsm
e.	Tobacco	Lamina Strip Particle Size Determination	N ^o 16 CORESTA Method	0.1 to 100 / 0.1 %w/w
f.	Cigarette Pack	Pack Seal Strength	In-house method TTP/VAL/PHY/05-10, Issue No. 00, Revision 00, Dated : 1 st May 2009	5 to 600 / 1.0 ml/min

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