

Laboratory **5 TR Psychrometric Laboratory, Blue Star Limited, Village Vasuri Khurd, Khanivali Road, P.O. Khupari, Ta: Wada, Distt. Thane, Maharashtra**

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

Discipline **Electrical Testing** **Issue Date** **11.09.2015**

Certificate Number **T-3563** **Valid Until** **10.09.2017**

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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. DOMESTIC ELECTRICAL APPLIANCES				
1.	Air Conditioner (Split, Window, Cassette, Verticool & Ductable Type)	Cooling Capacity Test	ISO 5151: 2010 Clause 5.1 (T1 & T3) SASO 2681: 2013 Clause 4.1 (T1 & T3) SASO 2682: 2013 Clause 6.1(T1 & T3) IS 1391 (Part 1): 1992 (RA 2001); Clause 10.10 IS 1391 (Part 2): 1992 (RA 2001); Clause 9.9 EN 14511-1,2,3,4: 2013 (EN 14511-3 Clause 4.1) AHRI 210/240: 2008 Clause 6.1.4.1 AHRI 340/360: 2007 Clause 6.1 UAE.S.ISO 5151: 2011 Clause 5.1 ISO 16358: 2013 Clause 5.3 ISO 13253: 2011 Clause 6.1 (T1 & T3)	2500 W to 17600 W 100 V to 600 V 2.0 A to 20 A 0 to 60 °C
		Power Consumption Test	IS 1391 (Part 1): 1992 (RA 2001); Clause 10.8 IS 1391 (Part 2): 1992 (RA 2001); Clause 9.7	0.6 kW to 10 kW
		Maximum Operating	ISO 5151: 2010 Clause 5.2 (T1 & T3)	Qualitative

Rahul Jain
Convenor

N. Venkateswaran
Program Manager

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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
		Condition Test	SASO 2681: 2013 Clause 4.2 (T1 & T3) SASO 2682: 2013 Clause 6.2 (T1 & T3) IS 1391 (Part 1): 1992 (RA 2001); Clause 10.4 IS 1391 (Part 2): 1992 (RA 2001); Clause 9.4 EN 14511-1,2,3,4: 2013 Clause 4.1 EN 14511-1,2,3,4: 2013 (EN 14511-3 Clause 4.2.2) AHRI 210/240: 2008 Clause 8.2 AHRI 340/360: 2007 Clause 8.2 UAE.S.ISO 5151: 2011 Clause 5.2 ISO 13253: 2011 Clause 6.2 (T1 & T3)	
	Air Conditioner (Split, Window, Cassette, Verticool & Ductable Type)	Enclosure Sweat Test	ISO 5151: 2010 Clause 5.5 SASO 2681: 2013 Clause 4.4 SASO 2682: 2013 Clause 6.4 IS 1391 (Part 1): 1992 (RA 2001); Clause 10.6 IS 1391 (Part 2): 1992 (RA 2001); Clause 9.6 EN 14511-1,2,3,4: 2013 (EN 14511-3 Clause 4.6) AHRI 210/240: 2008 Clause 8.6	Qualitative

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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
			AHRI 340/360: 2007 Clause 8.3 UAE.S.ISO 5151: 2011 Clause 5.5 ISO 13253: 2011 Clause 6.4	
		Freeze Up Test	ISO 5151: 2010 Clause 5.3 SASO 2681: 2013 Clause 4.3 SASO 2682: 2013 Clause 6.3 (T1 & T3) IS 1391 (Part 1): 1992 (RA 2001); Clause 10.5 IS 1391 (Part 2): 1992 (RA 2001); Clause 9.5 EN 14511-1,2,3,4: 2013 EN 14511-3 Clause 4.2.3 AHRI 210/240: 2008 Clause 8.4 AHRI 340/360: 2007 Clause 8.3 UAE.S.ISO 5151: 2011 Clause 5.3 ISO 13253: 2011 Clause 6.3	Qualitative

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