Laboratory	**Aircon Lab, Whirlpool of India Ltd., Plot No.-28, NIT Industrial Area, Faridabad, Haryana**
Accreditation Standard	**ISO/IEC 17025:2005**
Certificate Number	**TC-6867** **Page 1 of 2**
Validity	**07.02.2018 to 06.02.2020** **Last Amended on 03.12.2018**

ELECTRICAL TESTING

Sl.	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 Conditioners** **y AC** **C** **le Capacity**	Power Consumption for Cooling	IS 1391 (Part 1):2017, Cl. 9.1 & 10.8 IS 1391 (Part 2):1992, Cl. 9.7	200 W to 4,000 W
		Cooling Capacity	IS 1391 (Part 1):2017, Cl. 10.10 IS 1391 (Part 2):1992, Cl. 8.1 & Cl. 9.9	500 W to 8,500 W
			UAE.S/ISO 5151:2010 Cl. 5.1	500 W to 8,500 W
			ISO 5151:2017(E), Cl. 5.1 ISO 16358-1:2013(E) Cl. 6.7.3	500 W to 8,500 W
		Cooling Capacity Rating	SASO 2681:2007 Cl. 4.1	500 W to 8,500 W
		Maximum Operating Conditions	IS 1391 (Part 1):2017, Cl. 10.4 IS 1391 (Part 2):1992 Cl. 8.2 & Cl. 9.4	500 W to 8,500 W
		Energy Labeling and minimum energy performance requirement	UAE.S 5010-1:2014	Qualitative
		Freeze Up	IS 1391 (Part 1):2017, Cl. 10.5 IS 1391 (Part 2):1992, Cl. 9.5	Qualitative
		Enclosure Sweat	IS 1391 (Part 1):2017, Cl. 10.6	Qualitative

Nand Kumar
Convenor

Battal Singh
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Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
			IS 1391 (Part 2):1992, Cl. 9.6	
		Condensate Disposal	IS 1391 (Part 1):2017, Cl. 10.7	Qualitative
2.	**Frost Free and Direct Cool Refrigerator (50 Litres to 650 Litres)**	Energy Consumption	IS 1476:2000, Cl. 14.9 IS 15750:2006, Cl.14 AS/NZ4474.1:2007,Cl.2.16	Upto 2 kWh/24 Hours
		Volume	AS/NZ4474.1:2007, Cl.2.6 IS 1476:2000,Cl.8 IS 15750:2006, Cl.6	50 Litres to 650 Litres
		Pull Down	AS/NZ4474.1:2007, Cl.2.12 IS 1476:2000, Cl.14.5 IS 15750:2006, Cl. 16	50 Litres to 650 Litres

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