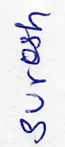




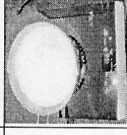
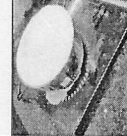
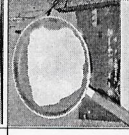
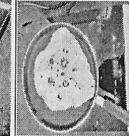
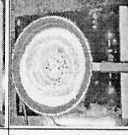
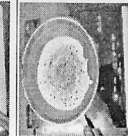
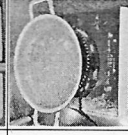
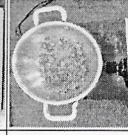
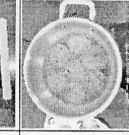
INDUCTION COOK TOP BIS TEST REPORT

PRODUCT	INDUCTION COOK TOP		QTY: 1No
MODEL	-		POWER: 1600W
DATE	30/09/2024		VOLTAGE: 230V
			Colours : Blue
Electrical parameters test			
1	Rated voltage	Volt meter	Pass
2	Rated frequency	Freq meter	Pass
3	Rated power	Watt meter	Pass
4	Power on	Manual press	Pass
ISI standard test			
5	Protection against access to live part test (Cl. 8)	input 40V within 5Minutes	Pass
6	Power Input and current test (Cl. 10)	220V to 240V	Pass
7	Leakage current and electric strength test (Cl. 16)	<0.21 µAmp	Pass
8	HV test for basic insulation (int. wires) (Cl. 23)	1500 v for 2-3 Sec	Pass
9	Terminal For External Conductors pull test (Cl. 26)	1.6 N force given ,no issues observed	Pass
10	Earth bond test (Cl. 27)	<0.1 Ohm	Pass
11	Screws and connections test (Cl. 28)	Screw loosed and tightened 3 times broken observed.	Pass
Internal Function			
12	Dry Cut-off	10Sec cut-off Induction	ok
Tested By  Suresh		Verified By  S. Suresh	
		Approved By  S. Suresh	

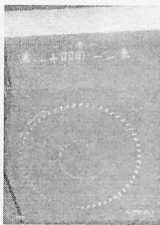
PRODUCT	INDUCTION COOK TOP	
MODEL	-	
DATE	30/09/2024	

INDUCTION COOK TOP


PROGRAM FUNCTIONAL TEST

SL.NO	FUNCTION	QTY	TEST IMAGE	INDUCTION COOKING TIME	INDUCTION DISPLAY	ELECTRICAL CHARACTERISTICS IN PANEL BOARD		OBSERVATION	OBSERVATION IMAGES	ANALYSIS	RESULT
						AMS	WATTS				
1	Tea/Coffee	0.5ltr		Milk Boil Time 2 min 20 Sec	1800W	7.05A	1585W	While cooking milk at 1800W power, the milk overflowed within 3 minutes 20 Sec & The Cooking pot inside is Charred		The boil time is 4 minutes and 28 seconds when the display wattage is set to 800W for milk menu. The milk no overflowed & Cooking pot inside is No Charred	NOT OK
2	Roti/Dosa	10 pcs		Roti Cooking Time 1min	1800W	5.15A	1175W	While cooking at 1800W power, the Firs Roti was charred within 2 min. Second Roti charred within 1 min		The Roti Cooking time is 1 minutes and 45 seconds when the display wattage is set to 1000W for Dosa menu. The Roti Charred	NOT OK
3	Curry	10 pcs		Dosa Cooking Time 1min 40 Sec	1800W	5.18A	1185W	While cooking at 1800W power, the firs dosa was charred within 1 min 40sec. Second Dosa charred within 45Sec		The Cooking time is 2 minutes and 10 seconds when the display wattage is set to 1000W for Dosa menu. The Dosa Charred	NOT OK
4	Fry	-		Curry Cooking Time 30 mins	1500W	7.09A	1613W			Cooking well	OK
5	Manual	-		Potato Fry Cooking Time 8 mins	1800W	7.54A	1728W	After 1 Min Auto cutoff mode		Cooking well	OK
5	Manual	-		Deep Fry Cooking Time 15 mins	1800W	7.60A	1713W	Slow Cooking After 3 Min Auto cutoff mode Need Continues Heating in Manual Mode		Cooking well	OK


Observation : In Induction - Rated Wattage mentioned 1600 W. Endurance Tested Sample Display shows 1600W - OK, but Performance tested sample Display shows 1800W - NOT OK. Compare to Endurance Tested Sample and Performance Tested Sample Menu Display Wattage is Different - refer the video.



Performance Test sample



Endurance Sample



WhatsApp Video 2024-10-01 at 11:39 AM.mp4

Suresh TESTED BY

VERIFIED BY  01/10/24

APPROVED BY  11/10/24

TEST REPORT

Product:	Induction Cook Top (Touch Type)	Location:	DQ Lab
Model:	-	Report No:	41/2024-09
Part Description	Full Unit	Date:	20 Sep 2024
Supplier:	Simon	Claimed Watts:	1600W
No of Sample:	1 No		
Reason for test:	New Product Validation Purpose.		

Sample ID	Procedure	Sample Given Date	Start Date	Total Completed Cycles	Total Completed Hrs	Remarks
15A	As per the internal procedure for a 1-year warranty, the Induction Cooktop should withstand 1000 Hours (1000Cycles)	02-May-24	03-May-24	1018	1018	Our Requirements Hrs Completed (13/09/2024)

Result:

➤ Induction 1600W Endurance Test OK.

suresh Tested By:	 01/10/24 Verified By:	 1/10/24 Approved By:
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