

TEST REPORT

Product: Pressure Cooker
Model: 5ltr
Part Description: Full Unit
Supplier: KCM
No of Sample: 1No
Reason for test: New Cooker Validation Purpose.

Location: DQ Lab
Report No: 32/2024-08
Date: 02 Aug 2024

Zero Hour Observation

Type Cooker	Rated Volume	Actual Volumes	Result
5ltr	5000 ml	5000 ml	OK

Bill of Material Report

S. No	Item Name	Material	Ave Weight	Ave Thickness	Qty	AVGE Screw Size & Watter Level
1	Lid	Stainless Steel	517gm	1.2mm	1 N	GRS Slot Dimension (L - 37mm & W-7mm)
2	Body	Stainless Steel	1.146kg	1.17mm	1 N	Grs Holes- 4mm
3	Gasket-(Rubber)	Nitrile	52gm	-	1 N	Height - 143mm
4	Whistle	-	70gm	-	1 N	Water Capacity- 5000ml
5	Lid Handle	Backlight	66gm	-	1 N	-
6	Body Handle Front	Backlight	34gm	-	1 N	-
7	Body Handle Front metal cladding	Backlight	81gm	-	1 N	-
8	Lid Handle Screw -SS	Stainless Steel	4gm	-	1 N	-
9	Body Handle Front Screw - SS	Stainless Steel	4gm	-	1 N	-
10	Body Handle Front metal cladding Screw - SS	Stainless Steel	3gm	-	1 N	-
Bottom Unit Weight - 1.912kg			-			

Water Load Test - 2500ml - 50%

Sample 1	Whistle 1	Whistle 2	Whistle 3	Whistle 4	Whistle 5	Avg
Whistle Start Time	13 min	14 min 13sec	15 min 42 sec	17 min 16 sec	18 min 40 sec	-
Whistle Duration time	29 sec	42 sec	42sec	35 sec	35 sec	37 sec

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Water Load Test - 2250ml -75%

Sample 1	Whistle 1	Whistle 2	Whistle 3	Whistle 4	Whistle 5	Avg
Whistle Start Time	13 min	14 min 13sec	15 min 42 sec	17 min 16 sec	18 min 40 sec	-
Whistle Duration time	29 sec	42 sec	42sec	35 sec	35 sec	37 sec

Cooking Test:

Rice 400g + 950ml Water			
Sample 1	Whistle 1	Whistle 2	Whistle 3
Whistle Start Time	6 min 48 sec	7 min 01sec	7 min 16 sec
Whistle Duration time	03 sec	02 sec	02 sec

Dal Qty -250gm + 650ml Water						
Sample 1	Whistle 1	Whistle 2	Whistle 3	Whistle 4	Whistle 5	Avg
Whistle Start Time	35 sec	1 min 46 sec	2 min 56 sec	3 min 41 sec	4 min 32 sec	-
Whistle Duration time	19 sec	22 sec	22 sec	22 sec	20 sec	21 sec

Meat - 500gm + 500ml water										
Sample 1	Whistle 1	Whistle 2	Whistle 3	Whistle 4	Whistle 5	Whistle 6	Whistle 7	Whistle 8	Whistle 9	Whistle 10
Whistle Start Time	7 min 53 sec	8 min 44 sec	9 min 26 sec	10 min 09 sec	10 min 54 sec	11 min 36 sec	12 min 19 sec	12 min 59 sec	13 min 44 sec	14min 23 sec
Whistle Duration time	8 sec	12 sec	12 sec	11 sec	14 sec	13 sec	13 sec	13 sec	13 sec	13 sec

Result:

- Meat & Dal Cooking Test Ok.
- Rice Cooking **Not OK.**

Observation:

- Rice should whistle for at least 4 seconds while cooking but our cooker only whistles for 2 seconds.
- Lid Handel Broken.

<i>S. Buy</i> Tested By:	<i>S. 19/08/24</i> Verified By:	<i>S. 19/08/24</i> Approved By:
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