



SAHYADRI ELECTRO CONTROLS (I) PVT. LTD.

SECO

**ELECTRONIC
HOOTER / BUZZER / BELL
TEST REPORTS**

10, VINAY COMPLEX, 1ST CROSS, RAJGOPAL NAGAR MAIN ROAD, GANAPATHI NAGAR,
PEENYA III PHASE, BANGALORE – INDIA - 560058

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ELECTRONICS TEST AND DEVELOPMENT CENTRE
(STQC Directorate, Ministry of Communications & Information Technology)
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(Tel: (080)2839 4252/4647/4766/5992; Telefax: +91-080 -23722314)
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ULR No.: TC622519000000110P
Report No.: TR/ETL/64700

TEST REPORT

Page No. 01 of 02

1.0 SCOPE

1.	Service Request Number:	64700	Date: 10-05-2019	Job no.: 01
2.	Test Requested by (Name & Address of the Organization)	Sahayadri Electro Controls (I) Pvt. Ltd., 3 rd Phase, Peenya Industrial Area, Bangalore-560058		
3.	Description/Unambiguous identification of item:			
	a) Nomenclature	Electronic Hooter		
	b) Manufactured by	SECO		
	c) Model No. / Type No.	A102/A4		
	d) No. of items Submitted	01	Sampling: Not Applicable	
	e) Serial No.	19-04-1347		
4.	Date of submission of samples	10-05-2019		
5.	Condition of items on receipt	Good		
6.	Test Carried Out at	In-house		
7.	Date of start of tests	14-05-2019		
8.	Date of completion of test	14-05-2019		
9.	Date of issue of test report	16-05-2019		
10.	Applicable standard/test specification	Customer specification		
11.	Test category	Performance tests		
12.	Laboratory Environmental Conditions	Temperature: 15-35°C, Relative humidity: 45-70%		

2.0 MAJOR EQUIPMENT USED:

Sl. No.	Nomenclature	Make	Model	Cal. Due
1.	Sound meter	Extech	SDL600	May-2020
2.	Breakdown & Insulation Tester	BPL-INDIA	RM215G	Apr-2020

- This report refers only to the item tested and shall not be reproduced except in full, without the written approval from Director, ETDC, Bengaluru
- Refer to information contained on the cover.



ELECTRONICS (1.4.9)**3.0 Test Details and Results:**

Test No.	Test Parameter / Conditions	Test Specification Requirements	Test Results/Observations/Remarks
1	Performance Test: a) Continuous sound (NO LOOP Tone 1) b) Intermediate Sound (Short A&B – Tone 2) c) Bell Sound (Short A&C – Tone 3)	At normal condition Sound output shall be measured and shall be ≥ 90 dB at a distance of 1 feet.	107.9 dB A 108.9 dB A 109.5 dB A
2	Auxiliary supply variation test: a) Apply 20V _{DC} b) Apply 110V _{DC} c) Apply 275V _{DC} d) Apply 65V _{AC} e) Apply 230V _{AC}	UUT shall be set for Continuous sound (No loop) and at normal condition Sound output shall be measured and shall be ≥ 90 dB at a distance of 1 feet.	99.6 dB A 100.7 dB A 101.5 dB A 106.3 dB A 107.9 dB A
3	Dielectric Test / High Voltage breakdown test: Test Voltage: 2k Vrms, 50 Hz. Test points: Between all terminals shorted and terminal 'E' Duration: 1 minute	There shall not be any flashover or breakdown.	No flashover or breakdown observed, Satisfactory.

3.2 Photograph of Tested Laptop:

i) Front View of Unit Under Test



ii) Marking details of Unit Under Test

Tested By: *[Signature]*Approved By: *[Signature]*K. Swarupa
Scientist 'E'

Electronics Test & Development Centre,
 Government of India,
 STQC Directorate,
 Department of Electronics & Information Technology
 100 Feet Ring Road, Frazer Industrial Estate,

Issued By: *[Signature]*

CO-ORDINATOR
TESTING SERVICES,
E.T.D.C., BENGALURU.