

Test Report

M/s. DUROTEK SOLUTIONS PVT. LTD.

REPORT NUMBER: 4788931307-01-NABL-S1

PROJECT NUMBER: 4788931307-01-NABL-S1

ULR NUMBER: TC622119000000216F



TC-6168, TC-6221,
TC-8159

Location (A)

UL India Pvt Limited,
Laboratory building,
Kalyani Platina Campus,
Sy.no.129/4, EPIP Zone,
Phase II, Whitefield,
Bangalore - 560 066 P:91-
80-41384400

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Location (B)

UL India Pvt Limited,
A-12, Sector 34, Infocity
Phase 1, Gurgaon -
122001

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Location (C)

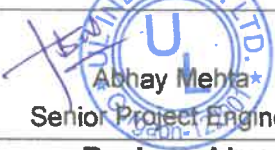

UL India Pvt Limited,
Site: UL Jain Fire
Laboratory, Jain
University Campus,
Jakkasandra, Kanakpura
Taluk, Ramanagara Dist. -
562112

TEST DISCIPLINE: ELECTRICAL
PRODUCT GROUP: ENVIRONMENTAL TEST FACILITY

General details

Customer / Applicant	M/s. DUROTEK SOLUTIONS PVT. LTD. AH-270, 4C, 3RD BLOCK, 8TH MAIN ROAD, SHANTHI COLONY, ANNA NAGAR, CHENNAI 600 040		
Manufacturer	M/s. DUROTEK SOLUTIONS PVT. LTD.		
Program	NABL		
Test Lab Location	(b) UL Gurgaon	Refer to Cover page for the UL address	
Item Under Test	EMS (ELECTRONIC MARKER SYSTEMS)		
Model	DUROdisk - TEL 400		
Number of Samples	1 No.		
UL Sample Identification	2152771-2	Refer Summary of Test results for multiple samples	
Manufacturer Serial Number (if any)	002		
Condition of IUT on receipt	Good		
Date of Receipt	18 March 2019		
Applicable Standard	IEC 62262:2002		
Date of Testing (Start date)	22 March 2019	End Date	22 March 2019
UL general^ ambient condition	Temperature in °C		23 ±5°C
	Relative humidity in %		<70 %
Date of Reporting	12 April 2019		
Test In-charge	Kuldeep Yadav		

Fill in the rows with information or add hyphen (-)

 Abhay Mehta Senior Project Engineer	 Satish Kumar Engineering Manager
Reviewed by	Authorized signatory

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General Remarks

External mechanical impact Test performed on Product.

Description of Item under Test (IUT)

Sample Catalogue No: DD-V01
Dielectric Test was not performed on the Sample.

Summary of Test Results

Test No	Test Parameter	Standard & Clause Number	Sample ID	Result
1	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK 09)	As per IEC 62262:2002	2152771-2	P

P: Meets the requirements F: Does not meet the requirement NA: Not applicable

Test No: 1- Mechanical Strength Test (IK 09)

Environment Conditions:

Ambient Temperature= 24.3°C and Relative Humidity= 57.9%

Master Equipment and Calibration details:

Sr. No.	Test Equipment	UL Equipment ID	Calibration status (Valid up to)
1	Mechanical Impact test	MIT 01	--
2	Steel Ball	SW 23	11/06/2019
3	Steel Scale	SS 05	29/06/2019

Test methodology adopted:

1. The sample was tested according to the IEC 62262:2002.
2. The sample was in good condition, with all parts in place and mounted as in normal condition on surface of Impact test Apparatus.
3. Five blows were applied on weakest point of each exposed surface by using free falling 5kg weight with 20cm height and energy 10.0 J.
4. After the test, admissible damages were visually inspected and criteria relatives to continuity and reliability of sample were verified by insulation resistance test and Electric strength test.

Test Observation:

Observation:

No damage was found on sample.



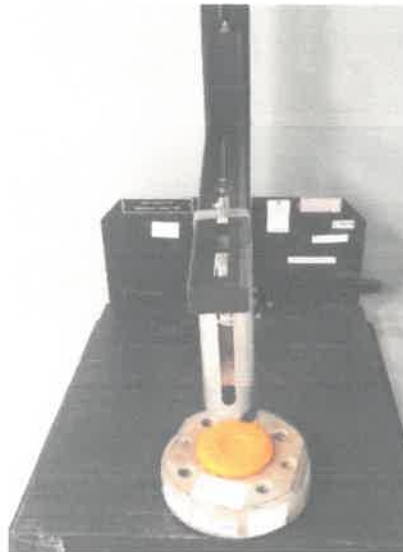
Appendix

Photographs

Sample Information



Front View



Observation Post IK 09



Sample ID

*****End of Report*****