



ABSOLUTE EXPERTISE TESTING LABORATORY LLP
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TEST REPORT

Test report no:	AETL/25A18/01	Discipline:	ELECTRICAL
ULR Number:	TC-121732500000008F	Group:	Environmental test facility
Date of issue:	22/01/2025	Total No. Of Pages:	4
Name of testing laboratory:	Absolute Expertise Testing Laboratory LLP	Name of customer:	Jarsh Innovations Private Limited
Address of testing laboratory:	Plot No.1, Kh No. 23/1, 1st Floor, Ambey Garden, Village Libaspur, Landmark Near Ashok Leyland, Delhi North West Delhi 110042 India	Customer address:	4 th Floor, Plot No.29, Panchavati Colony, Bowenpally, Hyderabad 500009
Testing location:	Plot No.1, Kh No. 23/1, 1st Floor, Ambey Garden, Village Libaspur, Landmark Near Ashok Leyland, Delhi North West Delhi 110042 India		

TEST ITEM DESCRIPTION

Model/Type Reference:	JSV02	Receipt/Job Order No.	25A18/01
Trademark:	Jarsh	Date of Receipt:	18/01/2025
Product name:	SmartVolt - Wearable Non Contact Voltage Detector	Name Of Manufacturer:	Jarsh Innovations Private Limited
Test Method/Standard:	IS/IEC 60529:2001	Manufacturer Address:	4 th Floor, Plot No.29, Panchavati Colony, Bowenpally, Hyderabad 500009
Ratings / Specifications:	IP65	Condition of the Sample at delivery:	Test Item Complete And Undamaged
Quantity of Sample	01	Batch no. & date of manufacturer	---
Seal & IO's sign	---	Code no./Sr.no	---
Report refers to the sample received at	Permanent Facility	Any other information/ expiry date	---

TEST SPECIFICATION

Environmental Condition	(25±5)°C / (50±20)% Rh	Test start date:	18/01/2025
		Test end date:	22/01/2025

Supplementary information	Reference to sampling procedure, wherever applicable Supporting documents for the measurements taken and result derived like graphs tables sketches and /or photographs as appropriate to test report, of any (to be attached) Deviation from the test methods as prescribed in relevant ISS/work instructions, if any	N/A Pg no. 4 Nil
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CONCLUSION

TEST RESULT	The test results Conforms/Did not conform to the requirement of the standard/test protocol based on the obtained test values/results mentioned in the test report.
REMARKS	Compliance statement in the report has been made considering decision rule as inherent in its test standard and latest version of ILAC G-8.

TESTED BY
 Technical Manager (SHUBHAM SHARMA)

AUTHORIZED SIGNATURE / REVIEWED BY
 Quality Manager (YOGESH PAL)

ISSUED BY
 Quality Manager (YOGESH PAL)

Doc no.: AETL/7.8F/TRF/ENV

Note:
 1. This test report is valid only for the sample(s) tested in our laboratory. 2. The test reports not permitted to be duplicated reproduced in part or in extract in any circumstances. 3. ABSOLUTE EXPERTISE TESTING LABORATORY LLP is not responsible for authenticity of photocopied or reproduced test reports. 4. The test results reported in this report are valid at the time of and under the stated conditions of measurements. 5. The remnant (tested samples) shall be destroyed after 07 day from the date of testing unless specified otherwise in writing. 6. Any correction/erasure shall invalidate the test report. 7. This test report pertains to the test(s) carried out as requested by the customer. 8. This test report shall not be utilized for any legal purpose and shall not be produced in the court of law & no responsibility would be attached to ABSOLUTE EXPERTISE TESTING LABORATORY LLP.



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IS/IEC 60529:2001

Sr. No.	TEST REQUIREMENT	TEST OBSERVATION	VERDICT
1.	Tests for protection against access to hazardous parts indicated by the first characteristic numeral. (Cl. 12 of IS/IEC 60529:2001)		
	Test conditions for first characteristic numerals 6.	See below	Complies
	The access probe of 1,0mm Ø shall not penetrate (Cl. 12.1)	Complies	Complies
	Acceptance conditions for first characteristic numerals 6.	See below	Complies
2.	Tests for protection against solid foreign objects indicated by the first characteristic numeral (Cl. 13 of IS/IEC 60529:2001)		
	Dust test for first characteristic numerals 6.	See below	Complies
	The talcum powder used shall be able to pass through a square-meshed sieve the nominal wire diameter of which is 50µm and the nominal width of a gap between wires 75 µm. The amount of talcum powder to be used is 2 kg per cubic meter of the test chamber volume. (Cl 13.4)	Complies	Complies
	Acceptance conditions for first characteristic numerals 6.	See below	Complies
3.	Test for protection against water indicated by the second characteristic numeral (Cl. 14 of IS/IEC 60529:2001)		
	Test conditions for Second characteristic numerals 5. (Cl. 14.2)	See below	Complies
	The test is made by spraying the sample from all possible direction with a stream of standard nozzle with water delivery 12.5 l/min± 5% distance between 2.5 and 3 meter for 3 minutes minimum. (Cl. 14.2.5)	Spraying the sample from all possible direction with a stream of standard nozzle with water delivery 12.5 l/min, distance 3 meter for 3 minutes.	Complies

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Sr. No.	TEST REQUIREMENT	TEST OBSERVATION	VERDICT
	Acceptance conditions for second characteristic numerals 5. (Cl. 14.3)	See below	Complies
	Sample inspected for ingress of water	No accumulation of water observed inside the sample at the end of test.	Complies
	In general, if any water has entered, it shall not	See above	Not Applicable
	be sufficient to interfere with the correct operation of the equipment or impair safety	See above	Not Applicable
	Deposit on insulation parts where it could lead to tracking along the Creepage distances	See above	Not Applicable
	Reach live parts or windings not designed to operate when wet	See above	Not Applicable
	Accumulate near the cable end or enter the cable if any	See above	Not Applicable

Note: Sample is installed as per the manufacturer instructions and Sample (SmartVolt - Wearable Non Contact Voltage Detector) Complies the Requirement of IP65 as per IS/IEC 60529:2001.

परीक्षण प्रयोगशाला
Testing Laboratory



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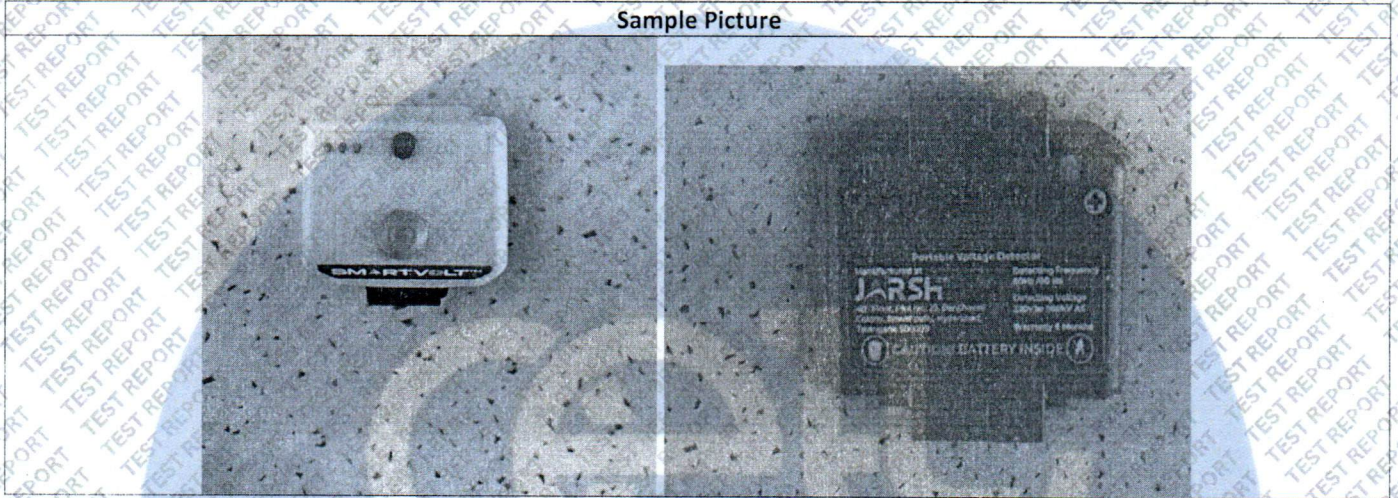
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Sample Picture



END OF TEST REPORT

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