



CLASSIC TESTING & RESEARCH CENTRE

B-17, Sector-65, Noida-201 307 (U.P.)

Ph.: 0120-4279394, Contact : 9717699751

Email: classiclab@gmail.com, ctrctestinglab@gmail.com

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TC-8151

Test Report No: CTCR/TES/2K23/04/099

Issue Date: 02/05/2023

ULR No.: TC615123100000411F

Discipline: Electrical

Product Group : Environmental Test Facility

TEST REPORT

Report No.....:	CTCR/TES/2K23/04/099
Date of issue.....:	02/05/2023
Total number of pages.....:	04
Testing Laboratory.....:	CLASSIC TESTING & RESEARCH CENTRE
Address.....:	B-17, Sector-65, Noida-201307(U.P.)
Customer / Manufacturer name.....:	MEGA WORKER PRIVATE LIMITED
Address.....:	25, Inder Road, Dalanwala, Dehradun -248001
Test & Reference Standard	IP 68 as per IEC 60529:2001
Test item description.....:	Inductive type AMR Water Meter
Model/Type reference	REV01/Inductive Type
Brand Name	METRYS
Sample Identification no(s).....:	CTCR/TES/2K23/04/099

Tested by:	Approved by / Authorized Signatory:	Issued by:
		
Asst. Technical Manager (Prabhashu Singh)	Laboratory Head (Diksha Sharma)	Technical Manager (Gautam Kumar)
Dated:02/05/2023	Dated:02/05/2023	Dated:02/05/2023





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General product information:

Testing.....

Date of receipt of test item.....: 29/04/2023
Condition of Sample Received.....: Good
Sample Serial no(s).....: Nil
Date(s) of performance of tests.....: 29/04/2023 to 01/5/2023
Laboratory condition.....: 25±10°C, RH 55±10%

General remarks (If any):

1. The test results presented in this report relate only to the object tested.
2. This report shall not be reproduced without the written approval of the issuing testing laboratory.
3. The Testing Standards/Instruments used are maintained in accordance with IS/ISO/IEC 17025 and are traceable to National and International standards.

Remarks: None

SUMMARY OF TEST

Test Method	Tests performed (name of test)
IEC 60529: 2001	[Degrees of protection (IP 68)]

MAJOR EQUIPMENT USED

Sr. No.	Equipment ID	Equipment name	Calibration Due Date
1.	CTRC/TES/130	Dust chamber	16/08/2023
2.	CTRC/TES/180	Stopwatch	16/08/2023





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S.No.	TEST PARAMETERS	TEST METHOD	OBSERVED RESULTS
1.	Degree of Protection IP 68 (As per IEC 60529:2001)		
a)	<u>Dust test for first characteristic numerals 6:</u> (IP-6X) Sample kept in the dust chamber for 8 hours in which talcum powder is maintained in suspension by an air flow with the dust volume 2kg/m3.	Cl. 13.4 of IEC 60529	No Ingress of dust inside the sample after the test.
b)	<u>Protection against water jet:</u> (IP-X8) (Second characteristic numeral 8) The test is made by completely immersing the enclosure in water in its service position as specified by the manufacturer so that the following conditions are satisfied: a) The lowest point of enclosure with a height less than 850mm is located 2000mm below the surface of the water. b) The duration of the test is 24h. c) The water temperature does not differ from that of the equipment by more than 5 K.	Cl. 14.2.8 of IEC 60529	No Ingress of water inside the sample after the Test

Result: The Sample is meet the requirements of IP 68 as per the standard of IEC 60529: 2001.





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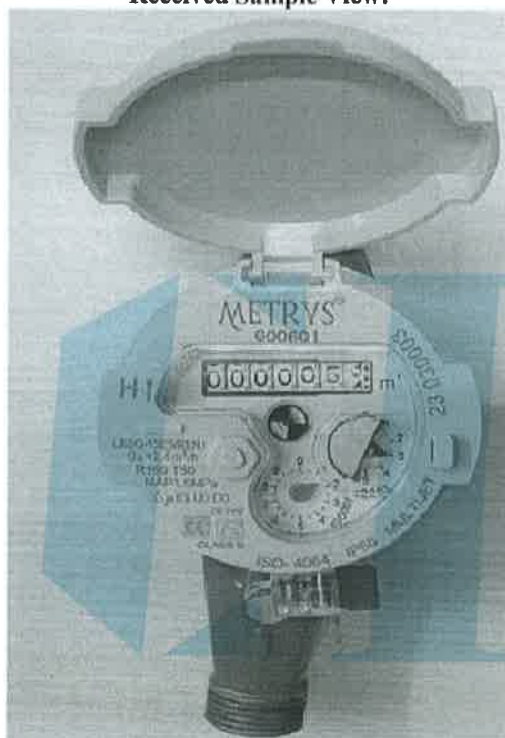
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Received Sample View:



End of the Report

