



सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES

MSME - TECHNOLOGY DEVELOPMENT CENTRE,
MUMBAI

वैद्युतिक मापन उपयंत्र अभिकल्प संस्थान, मुंबई

INSTITUTE FOR DESIGN OF ELECTRICAL
MEASURING INSTRUMENTS, MUMBAI

भारत सरकार की सोसाईटी
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
Government of India Society
Ministry of Micro, Small & Medium Enterprises



संदर्भ सं. / Ref. No. IDEMI/PCI/2012-13

दिनांक : 18-08-2012
Date :

M/s. SIDDHIT ENTERPRISES
202, Gorai Ekdant, Plot No.13,
Gorai - II, Borivali (w)
Mumbai - 400 091

Attn. : Subhash N. Sakhare

विषय : परिक्षण रिपोर्ट
Sub : Test Report

महोदय,

आपके उपकरणों / अवयवों पर किये हुये परिक्षण रिपोर्ट संख्या (CT/PCI/0816/12-13) आपको जानकारी के लिए पत्र के साथ भेज रहे हैं। यदि आपको परिक्षित मर्दों पर स्पष्टीकरण की कोई आवश्यकता हो तो, कृपया परिक्षण रिपोर्ट जारी करने वाले प्राधिकारी को हमारे संदर्भ संख्या और तारीख का उल्लेख करते हुए, रिपोर्ट प्राप्त होने पर चार सप्ताह के अन्दर सम्पर्क करें अथवा लिखें। हम इस पत्र के साथ फीड बैक फॉर्म भेज रहे हैं। कृपया उसे भरके प्रधाननिदेशक, वैमाउअस को भेजे।

धन्यवाद!

भवदीय

संलग्न पत्रानुसार


प्रधान निदेशक

Dear Sir,

Test Report No. (CT/PCI/0816/12-13) / on your instruments/ Components/ Equipments are / is enclosed herewith for your information. If you need any clarification on Test Report, please write/contact Test Report issuing officer quoting our reference and date within 4 weeks from the date of receipt of this report. We are also enclosing here with feed back form. Kindly fill up and send to the Principal Director of IDEMI
Thanking you,

Yours faithfully

Encl. As above


PRINCIPAL DIRECTOR

Swatantryaveer Tatya Tope Marg, Chunabhatti, Sion P.o. Mumbai - 400 022. (M.S)

Phone : (022) - 2405 0301/2/3/4 Fax : (022) - 2405 0016.

• Website : www.idemi.org / msmetdcmumbai.org • Email : idemi@vsnl.net, idemi@mtnl.net.in



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MUMBAI

TEST REPORT



Testing Field : Electrical Testing
Work Order No. : WO/FLL/052/2012-13
Date : 14/08/2012

Certificate No. CT/ PCI/0816/2012-13
Date of Testing : 18/08/2012
Page 1 of 2

Test Item : JUNCTION BOX (M.S)- IP65

Tested for : M/s.SIDDHIT ENTERPRISES
202, Gorai Ekdant, Plot No.13,
Gorai - II, Borivali (w)
Mumbai - 400 091

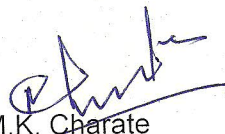
Tested at : IDEMI Mumbai - 22

Specification of Item under Test	Specification of Standards/ Equipment used
<p>Manufacturer : M/s. Siddhit Enterprises</p> <p>Condition of Item on receipt : Good</p> <p>Drawing No : SE - 001.</p> <p>Sr. No. : 01</p> <p>Size : 285x275x150mm</p> <p>Type : Enclosure</p>	<p>1) KASCO Dust Chamber Sr.No.015108191 along with vacuum system gauge Sr. No. 00783110, Range ; 500to 0mmwc Calibration valid up to 04/07/2014</p> <p>2) S.S. NOZZLE. Internal diameter 6.3mm along with Pressure Gauge (50mm) (make: Wika) ID. No. PG/FLL/JW Calibration valid up to 04/07/2014 Traceability : Standard / Equipment used for Testing are Traceability to NPL, New Delhi</p>

Type of Test : IP - 65.

Remarks :

- Please refer page 2 of 2 for Test Results.
- Procedure of Testing : The above mentioned item is tested as per IS/IEC:60529 :Ed.2.1.2001 for Enclosure of Category 1, OP-ETL-20.
- This certificate is **Valid** only for Drawing Number **SE - 001** & Copy of the Drawing is enclosed.



M.K. Charate
Technical Manager
AUTHORISED SIGNATORY

(Note : This report refers only to the particular item(s) submitted for testing. The report should not be reproduced except in full without the prior permission from the Principal Director IDEMI, Mumbai - 400 022)

A GOVERNMENT OF INDIA SOCIETY
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

वैद्युतिक मापन उपयंत्र अभिकल्प संस्थान

Institute for design of Electrical Measuring Instruments

SWATANTRYAVEER TATYA TOPE MARG, CHUNABHATTI, SION P.O. MUMBAI - 400 022.

स्वातंत्र्यवीर तात्या टोपे मार्ग, चुनाभट्टी, सायन डाकघर, मुंबई - ४०० ०२२.



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INSTITUTE FOR DESIGN OF ELECTRICAL
MEASURING INSTRUMENTS, MUMBAI - 400 022.



PROCESS CONTROL INSTRUMENTS LABORATORY

CERTIFICATE OF TESTING

Drawing No. SE - 001.

Certificate No. CT/PCI/0816/2012-13

Date of Test: 18/08/2012

Page 2 of 2

Test Result of **JUNCTION BOX(M.S) - IP65**

1. Test for IP: 6X (Ingress of dust for enclosure of category 1)

The Test item was tested for dust ingress as per IS/IEC 60529:Ed.2.1.2001 for enclosure of category 1. (Test condition clause 6.1.2.1.2) The above mentioned Junction Box was supported inside dust chamber and pressure inside was maintained (-200mm wc) below atmospheric pressure by a vacuum pump.

Observation: The front cover of the above tested Junction Box was opened for interior examination of dust entry. It was observed that no dust has entered the Junction Box.

Result: Hence the Junction Box Passed for IP 6X Test.

2. Test for IP X5 (Protection against Water Jet)

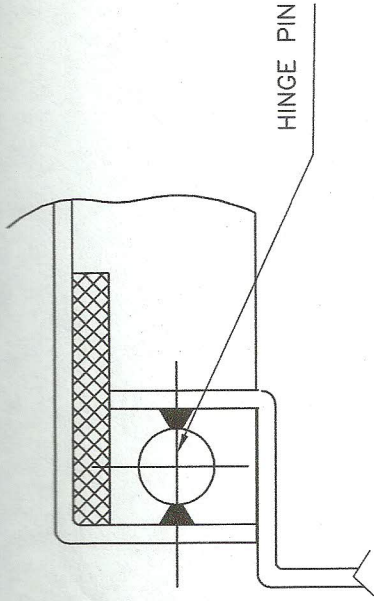
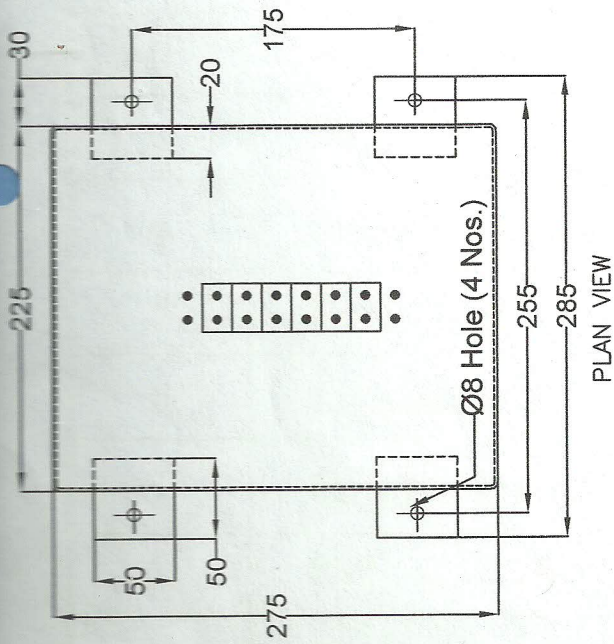
The Test Item was tested for ingress of water as per IS/IEC:60529:Ed.2.1.2001.(Test condition clause 6.2.5) The above Enclosure was kept in normal mounting position on a turn table during the test.

Observation: The front cover of the above tested Junction Box was opened for interior examination of water entry. It was observed that no water had entered inside the Junction Box..

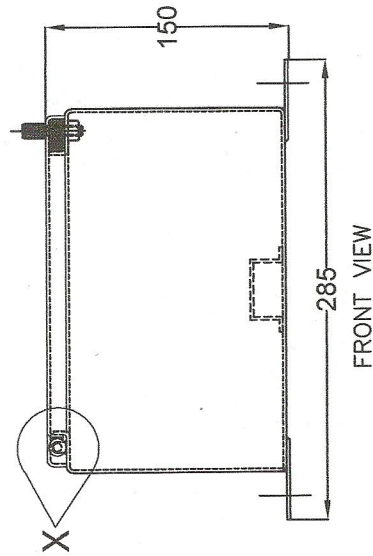
Result: Hence the Junction Box Passed for IP X5 Test.

Checked By

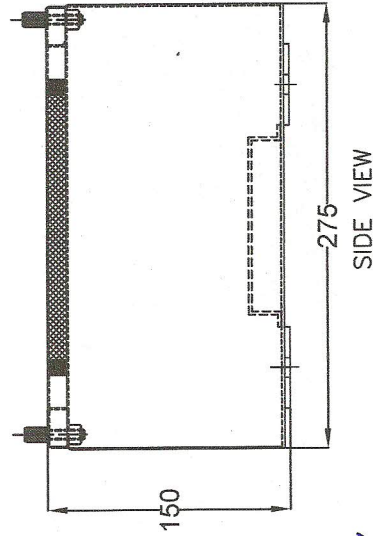
Tested By



DETAIL AT 'X'
(DOOR, GASKET & HINGE DETAIL)



FRONT VIEW



SIDE VIEW

NOTES:
Material : M.S. Sheet Of 14 SWG
Dimension : Tolerance +/- 3%
Paint : Simens Grey Powder Coat
Protection : IP 65
All Dimensions are in 'mm'

Signature

INSTITUTE FOR DESIGN OF
ELECTRICAL MEASURING INSTRUMENTS
(GOVERNMENT OF INDIA SOCIETY)
Chunabhatti, Sion P.O., Bombay-400 022

TITLE		Scale		Drawn	Siddhit	Rev.	
JUNCTION BOX		NTS		Check'd	S.N.S.		
				Appd.	S.N.S.		
SIDDHIT ENTERPRISES		SE - 001					

Rev.	DESCRIPTION	DATE	DRN.	CHKD.