



हस्त, 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/2010-11

दिनांक : 28-01-2011

Date :

M/s. Siddhit Enterprises  
202, Gorai Ekdant, Plot No.13, Gorai - II,  
Borivali (W)  
Mumbai - 400 091.

Attn. Mr. S.N. SAKHARE

विषय : परिक्षण रिपोर्ट  
Sub : Test Report

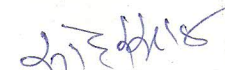
महोदय,

आपके उपकरणों / अवयवों पर किये हुये परिक्षण रिपोर्ट संख्या ( CT/PCI/1602/2010-11 ) आपको जानकारी के लिए पत्र के साथ भेज रहे हैं। यदि आपको परिक्षित मदों 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, वैमाउअसं को भेजे।

धन्यवाद!

भवदीय

संलग्न पत्रानुसार

  
प्रधान निदेशक

Dear Sir,

Test Report No. ( CT/PCI/1602/2010-11 ) / 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



Cert No. T-1358  
IABL ACCREDITED LAB

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](http://www.idemi.org) / [msmetdcmumbai.org](http://msmetdcmumbai.org) • Email : [idemi@vsnl.net](mailto:idemi@vsnl.net), [idemi@mtnl.net.in](mailto:idemi@mtnl.net.in)

FF-LAB-02





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# TEST REPORT



Cert. No. T-1358

Calibration Field : Electrical Testing  
Accreditation Valid up to : 27/06/2012  
Work Order No. : WO / FLL / 073/2010-11  
Date : 27 - 01 - 2011

NABL Accreditation No : T - 1358  
Certificate No. CT / PCI / 1602 /2010-11  
Date of Testing : 28/01/2011  
Page 1 of 2

Test Item : **JUNCTION BOX ( PROBE DRIVER HOUSING ) IP 55**

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 : SIDDHIT</p> <p>Condition of Item on receipt : Good</p> <p>Drawing No. : SE - 001 &amp; 002</p> <p>Identification : Siddhit Enterprises</p> <p>Size : 250 X 100 X 150 mm</p> <p>Serial No. : 01</p>	<p>1) KASCO Dust Chamber Sr.No.015108191 along with vacuum system gauge Sr. No. 00783110, Range ; 500to 0mmwc Calibration valid up to 05/07/2011</p> <p>2) S. S. NOZZLE. Internal diameter 6.3 mm Along with Pressure gauge (50 mm) (make: Wika) ID No. PG/FLL/JW Calibration valid up to 05/07/2011 Traceability : Standard/Equipment used for testing are traceable to NPL, New Delhi.</p>

**Type of Test : IP - 55**

**Remarks :**

1. Please refer page 2 of 3 for Test Results.
2. Procedure of Testing : The above mentioned item is tested as per IS 13947 (Part) : 1993 IEC Pub 947-1 (1988),OP-ETL-014 & 016.
3. This certificate is **valid** only for Drawing Number SE - 001 & 002 & 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 - 400 022.





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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 & 002

Certificate No. CT/PCI/ 1602 / 2010-11

Sr.No: 01

Date of Test: 28/ 01/2011

Page 2 of 3

**Test Result of JUNCTION BOX (PROBE DRIVER HOUSING )**

**1. Test for IP: 5X (Ingress of dust for enclosure of category 1)**

The Test item was tested for dust ingress as per clause C7.5 of IS: 13947 (Part-1) 1993, IEC Pub 974 – (1998). for enclosure of categories 1. The above mentioned Junction Box (Probe Driver Housing ) is supported inside dust chamber and pressure inside the Junction Box (Probe Driver Housing ) maintained (-200mm wc) below atmospheric pressure by a vacuum pump.

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

• **Result: Hence the JUNCTION BOX (PROBE DRIVER HOUSING ) PASSED for IP 5X Test.**

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

The Test Item was tested for ingress of water as per clause C8.5 of IS 13947 (Part-1) 1993, IEC Pub 974 – (1998). The above Junction Box (Probe Driver Housing ) was kept in normal mounting position on a turn table during the test.

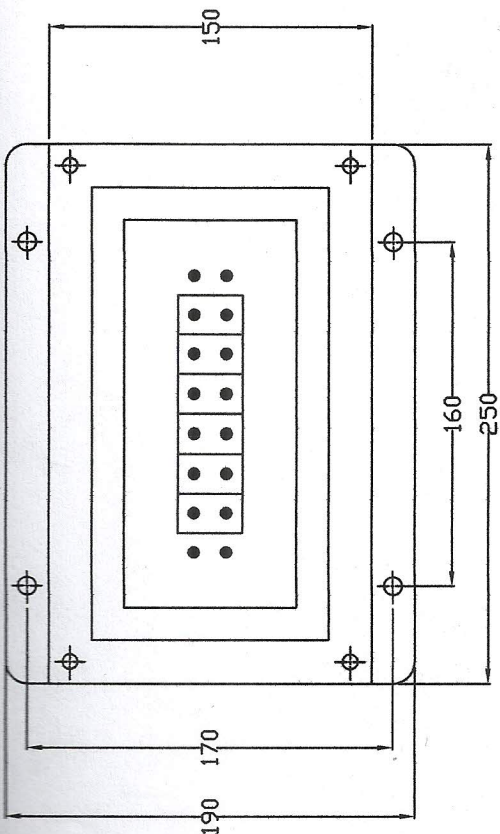
**Observation:** The front cover of the above tested Junction Box (Probe Driver Housing) was opened for interior examination of water entry. It was observed that no water had entered inside the Junction Box (Probe Driver Housing )

**Result: Hence the JUNCTION BOX (PROBE DRIVER HOUSING ) PASSED for IP X5 Test.**

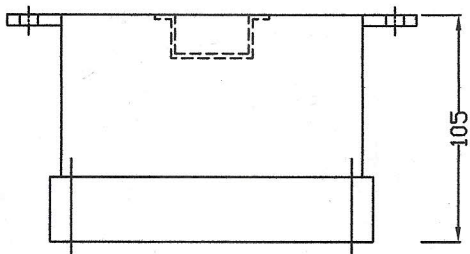
Checked By

Tested By

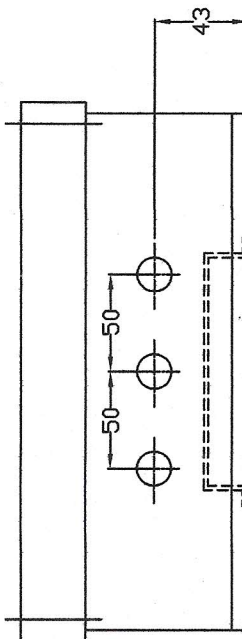
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TOP VIEW



SIDE VIEW



FRONT VIEW

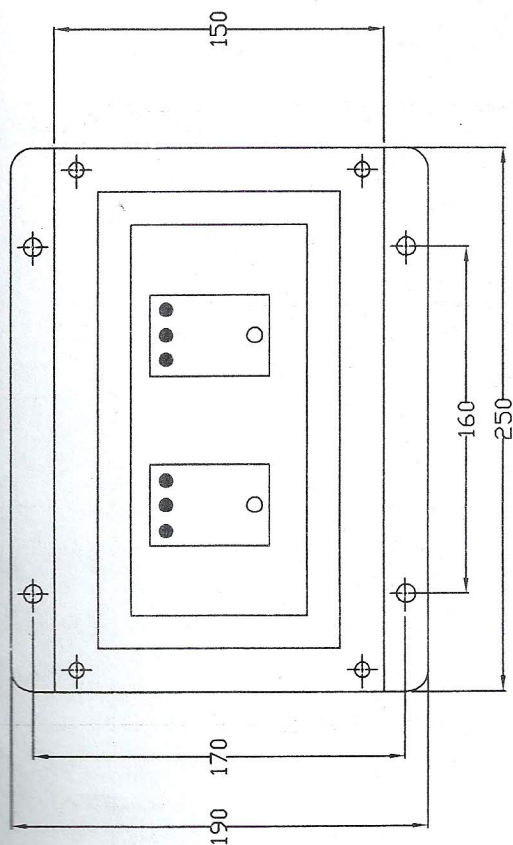
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28/01/2011  
INSTITUTE FOR DESIGN OF  
ELECTRICAL MEASURING INSTRUMENTS  
(GOVERNMENT OF INDIA SOCIETY)  
Chunabhatti, 3ion P.O., Bombay-400 022

NOTES:  
Material : M.S. Sheet Of 14 SWG  
Dimension : Tolerance +/- 3%  
Paint : Simens Grey Powder Coat  
Cable Gland : 1/2" (3 Nos.) Will Be Fitted  
Protection : IP 55  
All Dimensions are in 'mm'

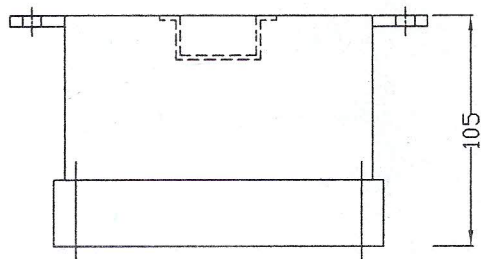
TITLE		Scale	Drawn	Check'd	Appd.	Rev.
JUNCTION BOX		NTS				
SIDDHIT ENTERPRISES		DRG. NO.	SE - 001			
Humbal						

Rev.	DESCRIPTION	DATE	DRN.	CHKD.

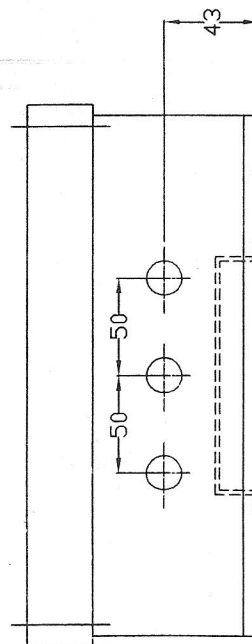




TOP VIEW




SIDE VIEW



FRONT VIEW

NOTES:  
Material : M.S. Sheet Of 14 SWG  
Dimension : Tolerance +/- 3%  
Paint : Simens Grey Powder Coat  
Cable Gland : 1/2" (3 Nos.) Will Be Fitted  
Protection : IP 55  
All Dimensions are in 'mm'

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

TITLE	Scale	Drawn	
PROBE DRIVER HOUSING	NTS	Check'd	
		Appd.	
 SIDDHIT ENTERPRISES <small>Proprietor</small>		DRGT. NO SE - 002	

Rev.	DESCRIPTION	DATE	DRN.	CHKD.