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TEST REPORT NO : K&A/DHN/04/12-27
DATED 11.12.2004

TEST REPORT ON : SIMPLEX T/C RTD ENCLOSURE

TEST AS PER IS 13947 (PART - 1) - 1993 : IP 65

Cat. No. : SMI/TC/G/137

Drawing No. : TC/G/137/SMI

TEST REPORT FOR : M/S SATGURU METAL INDUSTRIES
137/5 Ashirwad Industrial Estate,
Ram Mandir Road,
Goregaon (West),
Mumbai - 400 104

TEST : Weatherproofness Test as per IS 13947 (Part - 1) - 1993 : IP 65



NOTE : 1) This refers only to the particular item(s) submitted for testing.
2) If necessary, this report shall be reproduced in full.

ITEM : SIMPLEX T/C RTD ENCLOSURE

Report No: K&A/DHN/04/12-27

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- 1) Reference No. : Challan No: 108 Dated: 08.12.2004
- 2) Item : SIMPLEX T/C RTD ENCLOSURE
Cat No. : SMI/TC/G/137
Drawing No. : TC/G/137/SMI
- 3) Test Report For : M/S SATGURU METAL INDUSTRIES
Building No.5, Ram Mandir Road,
Goregaon (West),
Mumbai - 400 104
- 4) Reference Specifications : TEST AS PER IS 13947 (PART - 1) - 1993 : IP 65

5) Testing :

- 5.1) The enclosure was kept in the dust chamber and was subjected to the dust laden environment as per IS 13947 Part - 1, Cl C7.6.
- 5.2) The total duration of dust test was 8 hours. At the conclusion of the test it was opened and was observed for ingress of dust.
- 5.3) It was there after subjected to the water jet test, water jet at the pressure of 0.3 bar from a distance of 3 meter, as per IS 13947 Part - 1, Cl. C8.5.
- 5.4) The duration of the water jet test 3 min. At the conclusion of test it was opened and was observed for ingress of water.

6) Observations :

- 6.1) At the end of dust test, no ingress of dust was seen inside the enclosure.
- 6.2) At the end of water jet test no ingress of water was observed.

7) Conclusion :

The enclosure of "Simplex T/C RTD Enclosure" as per Drawing No. TC/G/137/SMI tested as above meets the requirements of IS 13947 (Part - 1) - 1993 : IP 65.

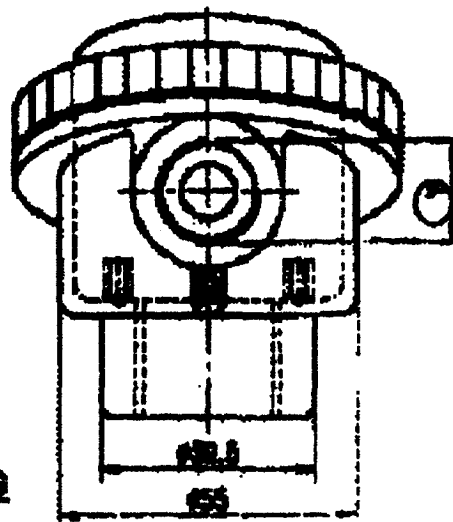
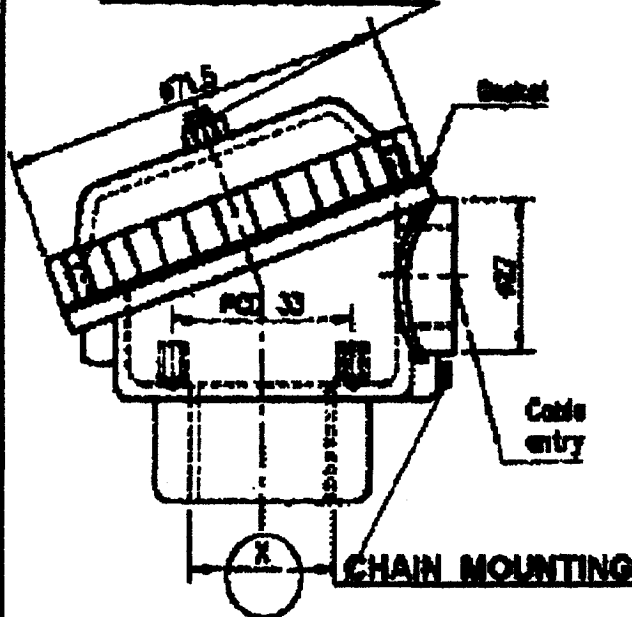
For Karandikar Laboratories Pvt. Ltd.

A. V. Karandikar

Authorised Signatory



CHAIN MOUNTING



- TYPE
- CONSTRUCTION
- PROTECTION
- SENSOR OPENING (X)
- CABLE ENTRY (Y)
- FINISH
- CHAIN
- HARDWARE
- GASKET
- TOLERANCES
- CAT NO
- DRG NO
- DIMENSIONS:

Direct Entry (Simplex)
 Die Cast Aluminum
 IP:65 (IS:13947 of 1993)
 8mm, 1/8BSP, 3/8BSP, 1/2 BSP
 3/4BSP OR Equivalent
 1/4 ET, 1/2 BSP, Metric, PG
 threads OR Equivalent
 Powder Coated (Black Matt)
 (20 microns approximately)
 Provided (SS chain optional)
 M.S (Zinc Plated)
 Endless Flat (Neoprene)
 (±2mm) on overall dimensions
 SM/TC/G/137 Dt 07/12/04
 TC/G/137/SMI Dt 07/12/04
 Unless Otherwise specified
 all dimensions are in MM

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TEST REPORT NO : K&A/DHN/04/12-27

DATE : 11/12/2004

CAT NO : SM/TC/G/137 Dt 07/12/04

DRG NO : TC/G/137/SMI Dt 07/12/04

