



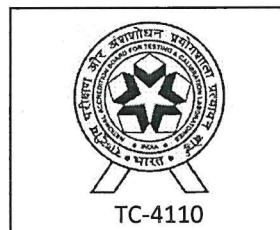
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KARANDIKAR LABORATORIES PVT. LTD. BOISAR

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TEST REPORT IS 9000 Part XI

Test Report No. : KLPL/BTG/25/01-125
ULR No. : TC411025000000137F
Discipline : Electrical Discipline
Group/Category : Environmental Test Facility
Sub-category : Salt mist test



Date of issue..... : 17.05.2025
No. of pages : 04 PAGES
Compiled by (+ signature)..... : Bhavesh Rawate Bhavesh Rawate
Designation: Testing Engineer
Approved by (+ signature)..... : Javed Shaikh Javed Shaikh
Designation: Dy. Laboratory Manager

Item Received On : 31.01.2025 in Good Condition
Test Completion Date : 05.04.2025
Service Request Details : Challan No.SNF/3283/23-24, Dated: 30.09.2023.

Client

Name : M/s. Metalmech Engineering
: Plot No. 4246, Road E, Dared Phase-3, G.I.D.C.,
Jamnagar, Gujarat - 361004.

Test Specification

Standard : Salt Mist Test conducted as per IS 9000 Part-XI
Objective : Evaluating the Resistance to Corrosion.

Equipment Under Test

Type of Test Object : MM AXL Series of Aluminium Enclosures,
Size: Ref. Page No.05 of this report.
Make : Metalmech Engineering
Surface Finish: : Powder Coating
Model No.: : AXL Series

Conclusion :

The samples meets the requirements as per IS 9000 Part-XI.



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

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ITEMS : Salt Mist Test conducted as per IS 9000 Part-XI

MAJOR EQUIPMENTS USED

EQUIPMENT	ID.NO.	RECALIBRATION DUE DATE
Salt Spray Chamber	K&A 495-15	27.07.2025

PROCEDURE : Procedure no: TP-9000-XI: 1983

Ref Specification	Condition	Remarks
Salt Mist Test conducted as per IS 9000 Part-XI	Chamber temperature (35 $\pm$ 3) $^{\circ}$ C	Complied
	Salt Solution 5% NaCl and 95 % distilled water	Complied
	Exposure up-to 1000 hrs (As per customer requirement)	Complied
	Observation every 24 hours	Complied

OBSERVATIONS :

Test Starting Date:	22.02.2025
Test Completion Date:	05.04.2025
Environmental Conditions:	Temperature: 28 $^{\circ}$ C



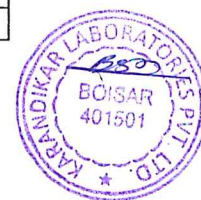
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Sr. No	Duration In Hours	Observation at the end of the duration
1	00	No corrosion observed
2	24	No corrosion observed
3	48	No corrosion observed
4	72	No corrosion observed
5	96	No corrosion observed
6	120	No corrosion observed
7	144	No corrosion observed
8	168	No corrosion observed
9	192	No corrosion observed
10	216	No corrosion observed
11	240	No corrosion observed
10	264	No corrosion observed
11	288	No corrosion observed
12	312	No corrosion observed
13	336	No corrosion observed
14	360	No corrosion observed
15	384	No corrosion observed
16	408	No corrosion observed
17	432	No corrosion observed
18	456	No corrosion observed
19	480	No corrosion observed
20	504	No corrosion observed
21	528	No corrosion observed
22	552	No corrosion observed
23	576	No corrosion observed
24	600	No corrosion observed
25	624	No corrosion observed
26	648	No corrosion observed
27	672	No corrosion observed
28	692	No corrosion observed
29	720	No corrosion observed
30	744	No corrosion observed
31	768	No corrosion observed
32	792	No corrosion observed
33	816	No corrosion observed
34	840	No corrosion observed
36	864	No corrosion observed
37	888	No corrosion observed
38	912	No corrosion observed
39	936	No corrosion observed
40	960	No corrosion observed
41	984	No corrosion observed
42	1000	No corrosion observed

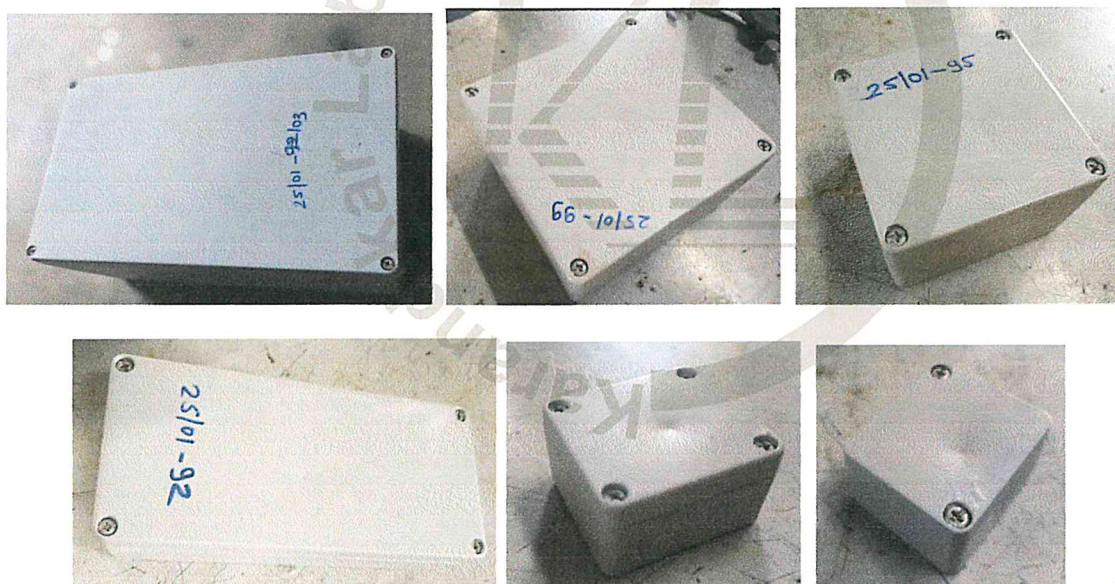
Result: At the end of 1000 hrs, no corrosion observed on the samples.



Photograph of the Test sample



Picture 1: Before Salt Spray Test



Picture 2 : After Salt Spray Test



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AXL Series of Aluminium Enclosures

Sr.No.	Dimension L X W X H in mm	Model Number
1	45 X 50 X 30	MM AXL B 01
2	64 X 58 X 34	MM AXL B 02
3	64 X 98 X 34	MM AXL B 03
4	80 X 75 X 57	MM AXL B 04
5	80 X 125 X 57	MM AXL B 05
6	80 X 175 X 57	MM AXL B 06
7	80 X 250 X 57	MM AXL B 07
8	100 X 100 X 81	MM AXL B 08
9	120 X 122 X 81	MM AXL B 09

Sr.No.	Dimension L X W X H in mm	Model Number
10	120 X 122 X 91	MM AXL B 10
11	140 X 140 X 91	MM AXL B 11
12	160 X 160 X 91	MM AXL B 12
13	180 X 180 X 101	MM AXL B 13
14	120 X 220 X 81	MM AXL B 14
15	120 X 220 X 91	MM AXL B 15
16	160 X 260 X 91	MM AXL B 16
17	230 X 400 X 181	MM AXL B 17

End Of the Report

