

Report No. : PN:EE:1456003533

ISSUE DATE : 13/12/2023



AP LANKA (PVT) LTD
416/5, LEYLAND ROAD
HOMAGAMA-10200
LK

CONTACT PERSON : HARSHA DULIP

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION AXEL EG CABLE LADDERS
PART NO -790 511

SAMPLE RECD ON 30/11/2023 **TESTING PERIOD** : 01/12/2023-08/12/2023

TEST(S) REQUESTED SALT SPRAY TEST AS PER IEC 61537 – CLAUSE 14.2.3 – CLASS 4

SALT SPRAY TEST :**TEST METHOD :** ISO 9227 : 2022 / ISO 10289 : 1999 /As per customer request**Test Condition** :

Sr. No.	Parameter	Specification
1	Salt Solution Concentration	(50 ± 5) g/l
2	Chamber Temperature	(35 ± 2)°C
3	pH of fog solution	6.5 – 7.2
4	Fog Collection	1.5 ± 0.5 ml/hr
5	Test duration	200 Hours

No.of Test Specimens : 01

Requirement : The sample shall have passed the test,If the corrosion of the surface,according to rating 4 of ISO 10289 : 1999 has not exceed.



Observation :

Test Duration	Observation
24 hrs	No visual corrosion.
48 hrs	No visual corrosion.
72 hrs	Black staining.
96 hrs	Black staining.
120 hrs	Black staining.
144 hrs	Black staining.
168 hrs	Black staining.
192 hrs	Black staining.
200 hrs	Black staining.Red rust on screw

Evaluation as per ISO 10289 : 1999 on basis of dot Charts.

The appearance rating (R_a) of the coating = 9

Photographs :



Before test



After 72 hrs (Close up)



After 200 hrs (Close up)



After 200 hrs

Conclusion : Tested sample meets the requirement.

Note : Test performed as per the conditions given by the customer.
Conclusion reported considering the specifications given by the customer.

END OF REPORT

Confidential Business Information

Nilesch P Kusal

Authorised Signatory

Email your Test Report Related Enquiries at Feedback.trp@sgs.com