



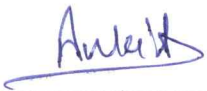



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## TEST REPORT

Test Report No:	QVC/TR/20240215/001	ASTM B117-19	Page 1 of 13
Issue Date:			15/02/2024

ULR No:-	TC910624000000019F		
Applicant Name & Address:-	SAMRAT PLYWOOD LIMITED Office Address: SCO 827, FIRST FLOOR, NAC MANIMAJRA, CHANDIGARH, 160101.		
Test Item:-	High Pressure Laminates		
Identification:-	Nil		
Discipline:-	Electrical	Group:-	Environmental Test Facility
Job order no:-	QVC/SAMPLE/240112/002	Date of receipt:-	12/01/2024
Serial no:-	---		
Testing laboratory & Its address:	QVC Certification Services Pvt. Ltd. 2-B, Civil Lines, Yukti business centre, Jail Road, Ambala City-134003, Haryana, India.		
Test specification:	ASTM B117-19		
Test Result/ Statement of conformity (if required):	Not requested		
Other Aspects:-	The EUT is tested in the condition it is received in the laboratory.		
Note: - This test report relates to the submitted test sample and list of documents attached. Without permission of the testing laboratory this test report is not permitted to be duplicated in extract.			

Tested by:	Reviewed by:	Approved by / Authorized Signatory:	Issued by:
			
Ankit Kumar (Testing Engineer)	Vikas Kaushal (Technical Manager)	Amandeep Singh (Lab. Head)	Abhishek Bhardwaj (CSC)
Date: 15/02/2024	Date: 15/02/2024	Date: 15/02/2024	Date: 15/02/2024

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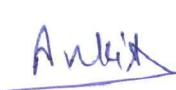
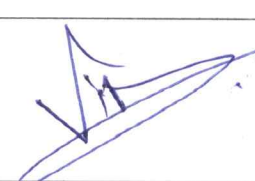


Corporate &amp; Head Office:

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Tel: +91-171- 2441127, 2441126, E-mail: cemark@qvccert.com, Website: www.qvccert.com



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<b>Test Report</b> <b>ASTM B117-19</b> <b>Standard Practice for Operating Salt Spray (Fog) Apparatus</b>	
Report Reference No.:	QVC/TR/20240215/001
Date of issue:	15/02/2024
Total number of pages:	13
Testing Location:	<input type="checkbox"/> Onsite <input checked="" type="checkbox"/> At Lab
Testing Laboratory Address:	<b>QVC Certification Services Pvt. Ltd.</b> 2B, Civil Lines, Yukti business centre, Jail Road, Ambala City-134003, Haryana, India.
Manufacturer 's Name:	<b>SAMRAT PLYWOOD LIMITED</b>
Manufacturer's Address	Factory Address: VILLAGE BIRPLASSI, NALAGARH, HIMACHAL PRADESH.
Test specification	
Standard:	ASTM B117-19
Test procedure:	Compliance Report
Non-standard test method:	N/A
Test item description:	<b>High Pressure Laminate</b>
Trade Mark:	--
Model/Type reference:	--
Ratings	--

Tested by:	Reviewed By:	Approved by / Authorized Signatory:	Issued by:
			
Ankit Kumar (Testing Engineer)	Vikas Kaushal (Technical Manager)	Amandeep Singh (Lab. Head)	Abhishek Bhardwaj (CSC)
Date: 15/02/2024	Date: 15/02/2024	Date: 15/02/2024	Date: 15/02/2024

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Copy of Marking Plate/ Label:- No marking plate

TEST ITEM PARTICULARS	High Pressure Laminate
Sample Received Condition	Good
SALT USED	Sodium Chloride, 5% Concentration
Dimensions of EUT	(i) 315(L)×150(W)×6.35(T)-01nos (ii) 270(L)×200(W)×6.60(T)-01nos
Weight of EUT (approx.)	(i) 421 gm (ii) 478 gm

Table – List of Attachments

Attachments	Attachment description	No of pages in attachment
Attachment no. 1	Photo-document	09 (Page no. 05 to 13)

**General remarks:**

The test results presented in this report relate only to the object tested.  
This report shall not be reproduced, except in full, without the written approval of the issuing testing laboratory.

**Possible test case verdicts:**

- test case does not apply to the test object :	N/A
- test object does meet the requirement :	P (Pass)
- test object does not meet the requirement :	F (Fail)

**Testing :** See Below

Date of receipt of test item : 12/01/2024

Date(s) of performance of tests : 16/01/2024 to 06/02/2024

**Laboratory conditions:** See Below

Ambient Temperature: 15 to 35 °C

Ambient Humidity: 45 to 75 % Rh

**General Product Information:** - The Equipment under test (EUT) is High Pressure Laminate.

**Additional information(s):-**

- Following information is provided by the customer;
  - Duration of the test: 500hrs

**LIST OF INSTRUMENTS USED IN TESTING:-**

S. No.	Instrument Name	Equipment Id no.	Range & L.C
1	Salt Spray Apparatus	QVC/TEST/SSA-01	Volume: 480L, 220V, 2.5kW
2	Weighing Balance	QVC/TEST/DWB-01	0 to 10 Kg
3	Digital Vernier Caliper	QVC/TEST/DVC-01	0-200mm

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Cl.no.	Requirement-Test	Result	Verdict
15	Type of salt and water used in preparing the salt solution	The salt solution is prepared by dissolving 5 parts by mass of sodium chloride in 95 parts of water	-
	Chamber Temperature; 35±2°C	35°C	-
	Temperature and pressure of the air saturated tower	Temperature: 47°C, Pressure: 14psi(96kPa)	-
	Collection Rate: 1.0mL to 2.0mL per hour based on an average run of atleast 16hrs	Average 1.0mL to 2.0mL per hour; Measurement frequency:	-
	Concentration or specific gravity of collected solution and the temperature of that solution when measured	1.01 to 1.02; (Calculation by analytical method)	-
	pH of collected solution at 23°C ± 3°C (73 ± 5°F).	pH range of collected solution: 6.55 to 6.82	-
	Type of specimen	High Pressure Laminate	-
	Dimensions of the specimen in mm	(iii) 315(L)×150(W)×6.35(T)-01nos (iv) 270(L)×200(W)×6.60(T)-01nos	-
	Method of cleaning	Gently washed in running water after completion of the test; then dried immediately	-
	Method of supporting or suspending article in the salt spray chamber	Supported at 15°	-
	Description of protection used	No additional protection used	N/A
	Exposure period	500hrs	-
	Interruptions in exposure, cause, and length of time	Continuous Exposure	-
	Results of inspections;	No acceptance criteria provided by the client. EUT is visually inspected. No discoloration or shrinkage is observed in the sample after the test.	-



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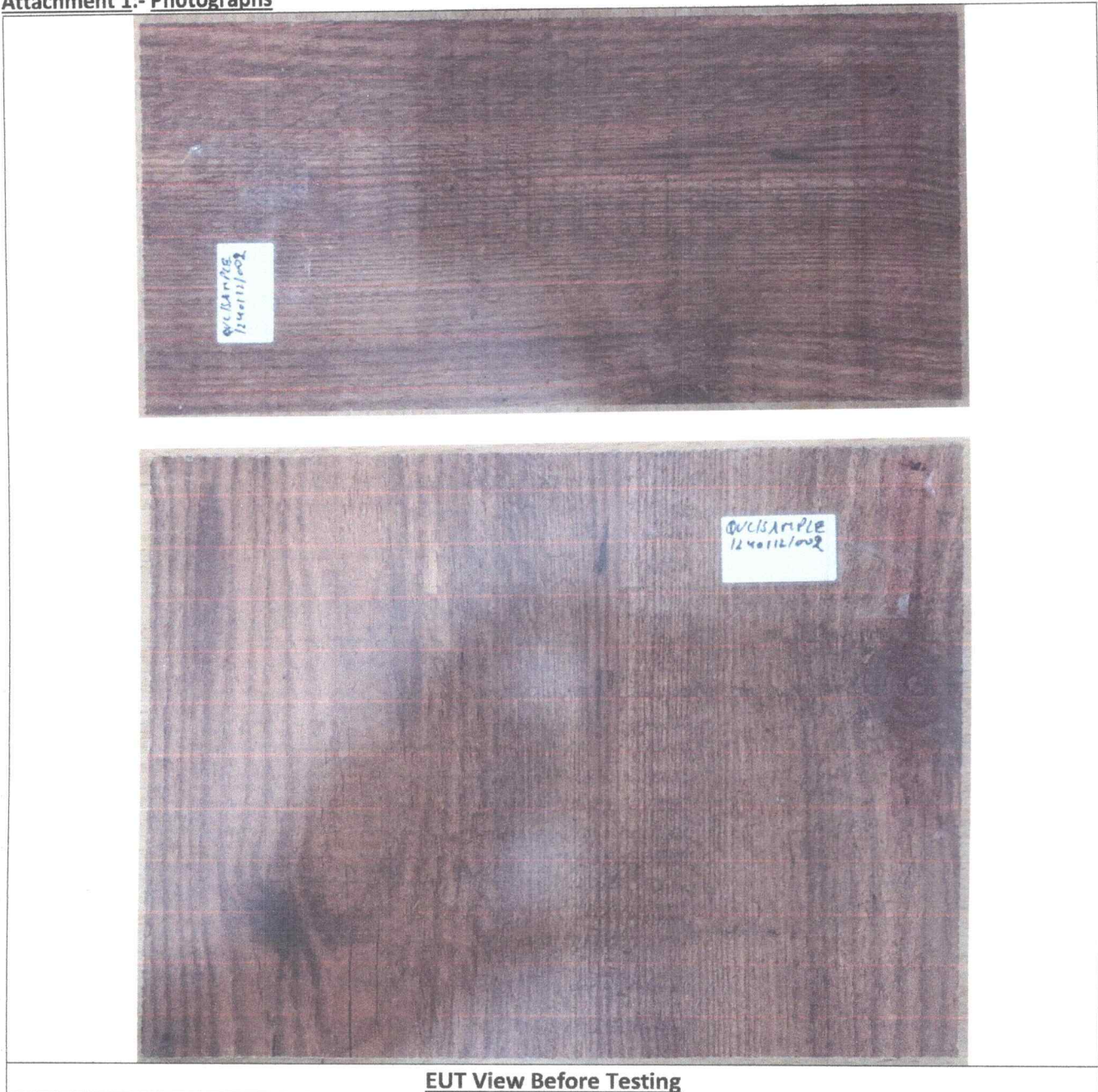
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**Attachment 1:- Photographs**



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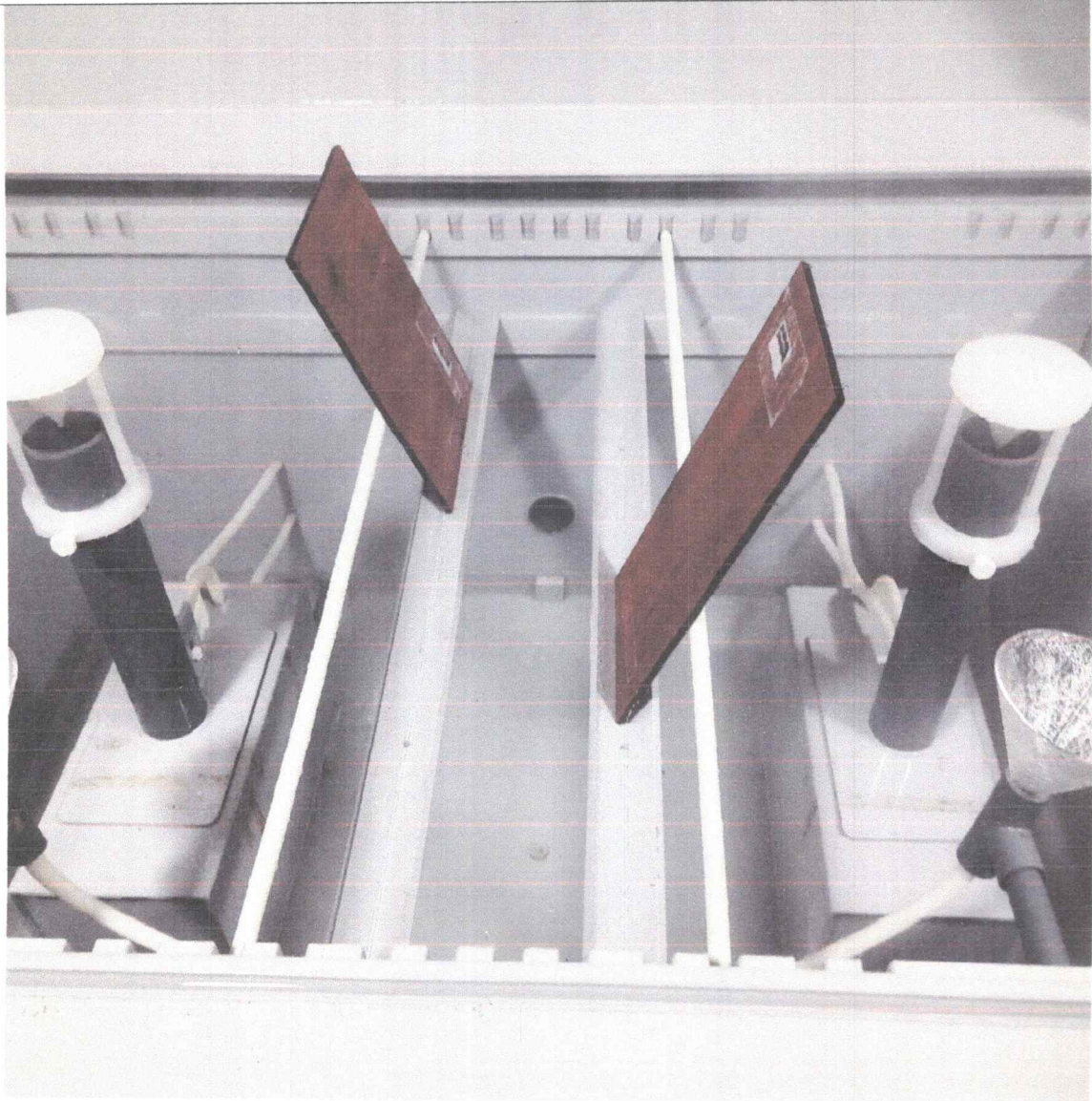
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EUT View Before Testing in the Chamber



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EUT View During Testing



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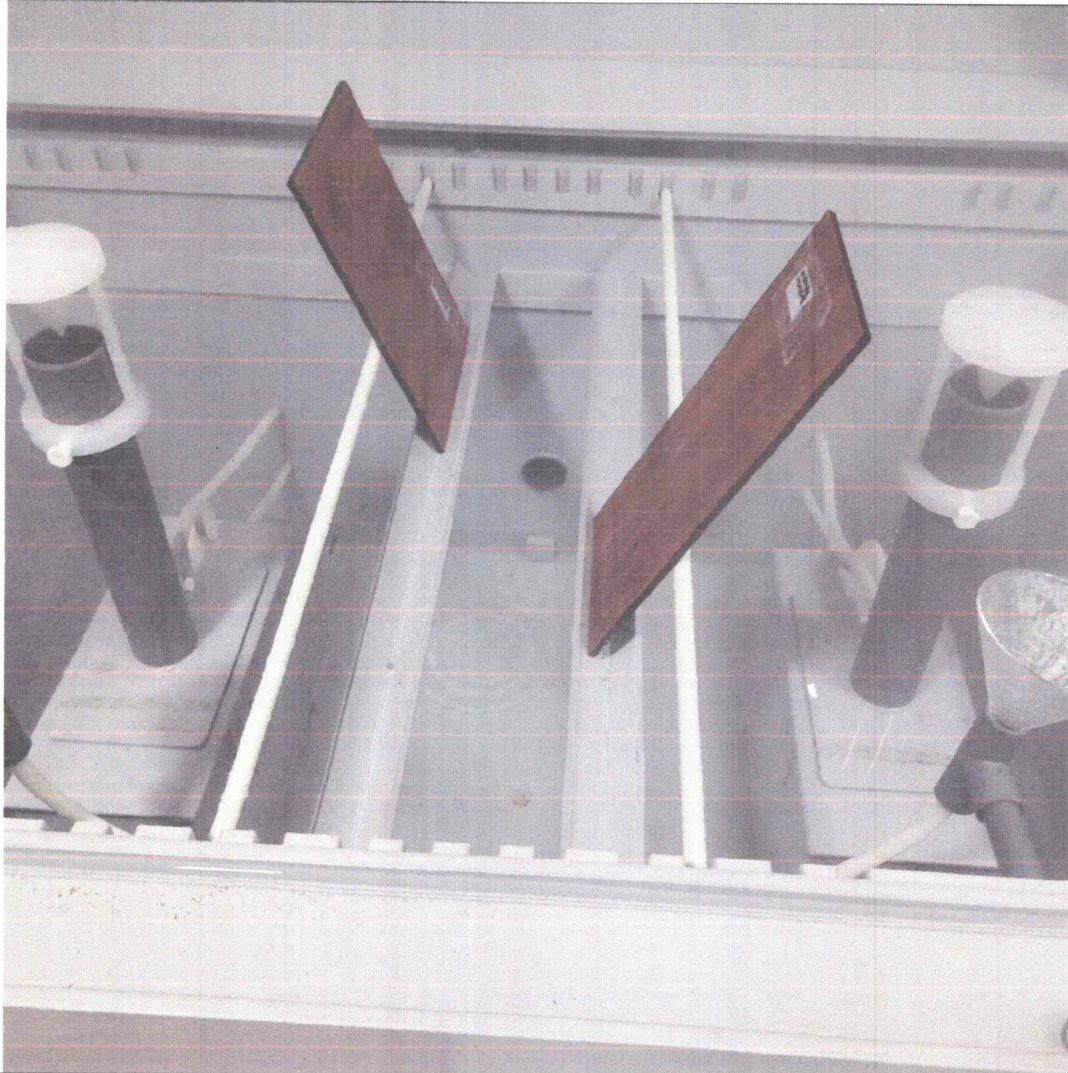
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**EUT View After 16hrs**



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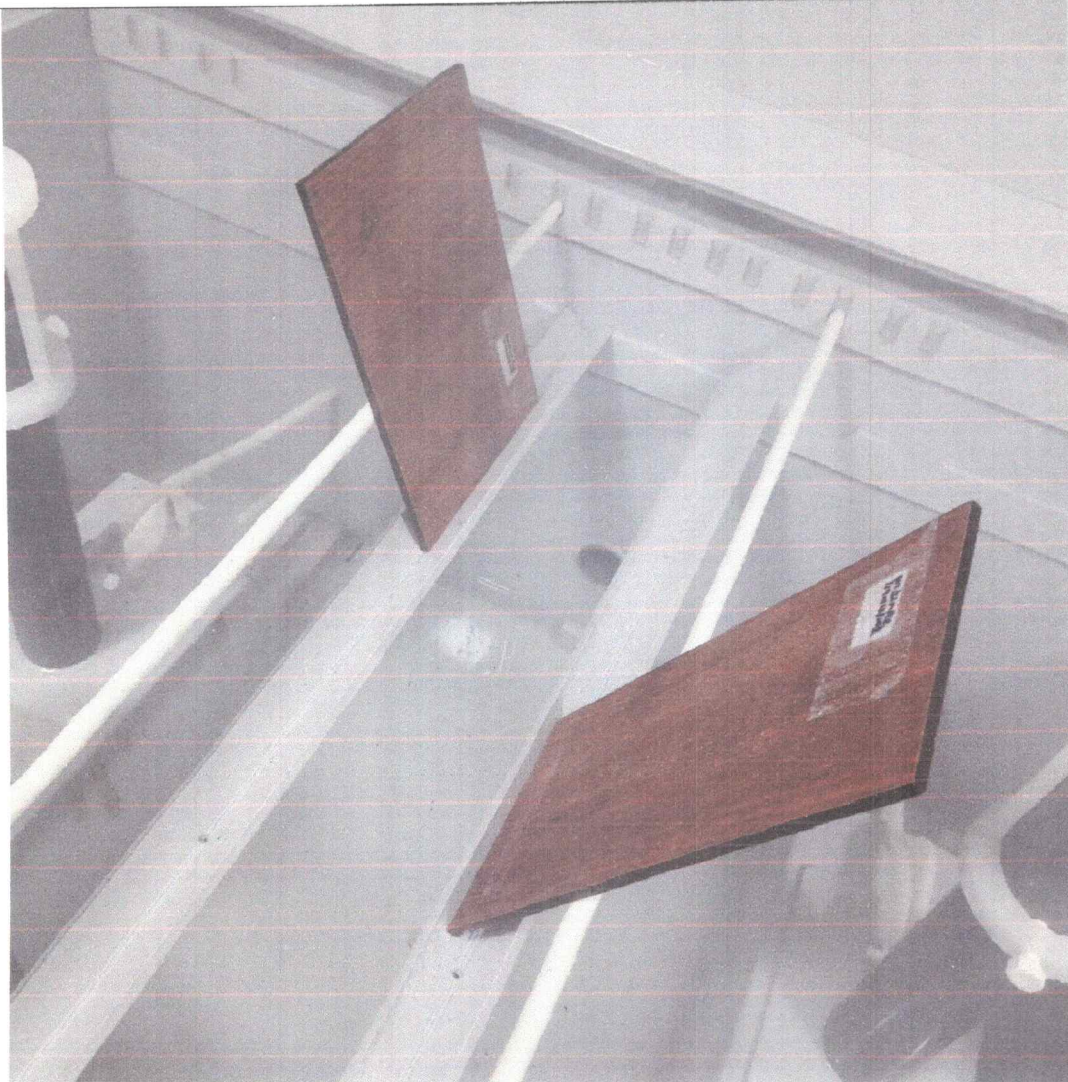
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EUT View After 40hrs



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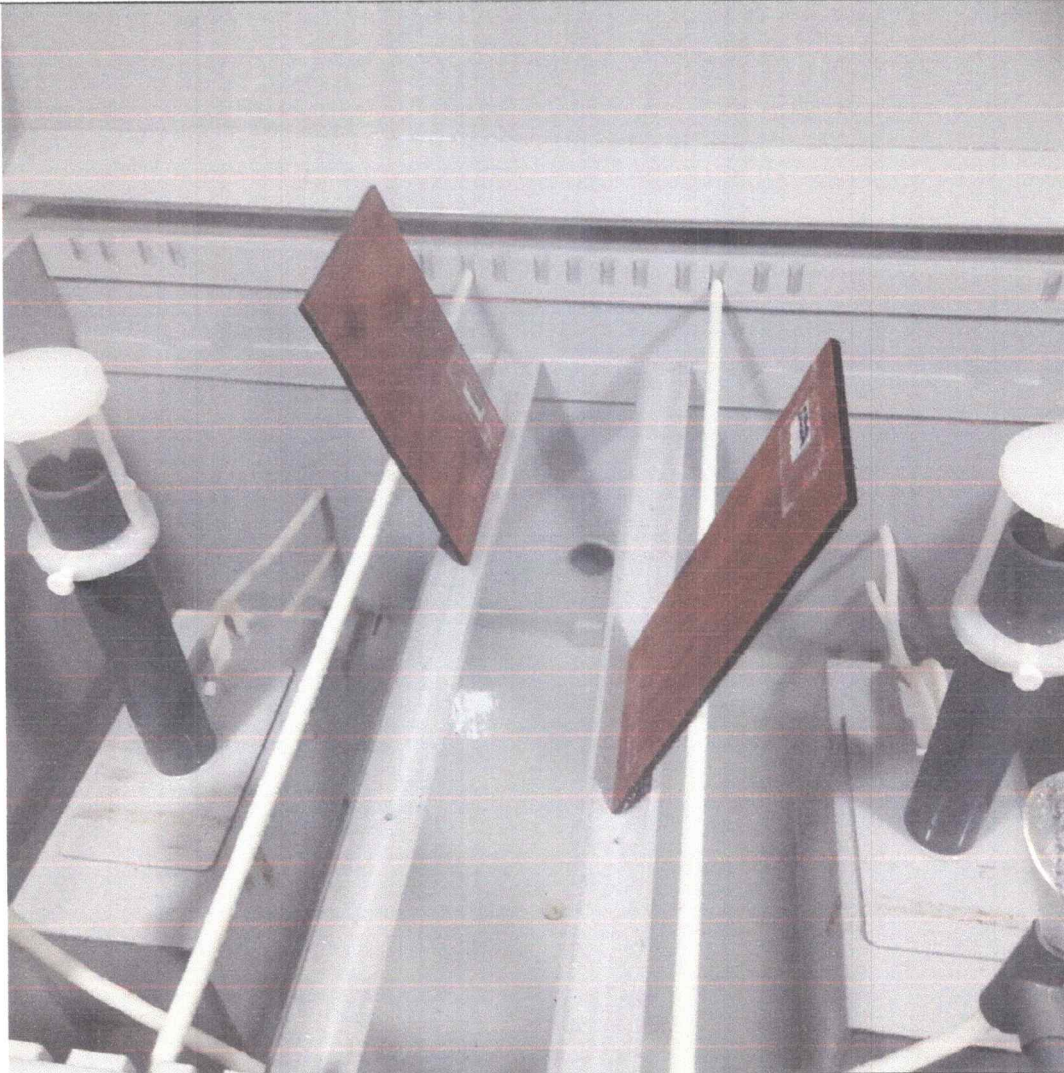
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EUT View After 96hrs



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EUT View After 240hrs



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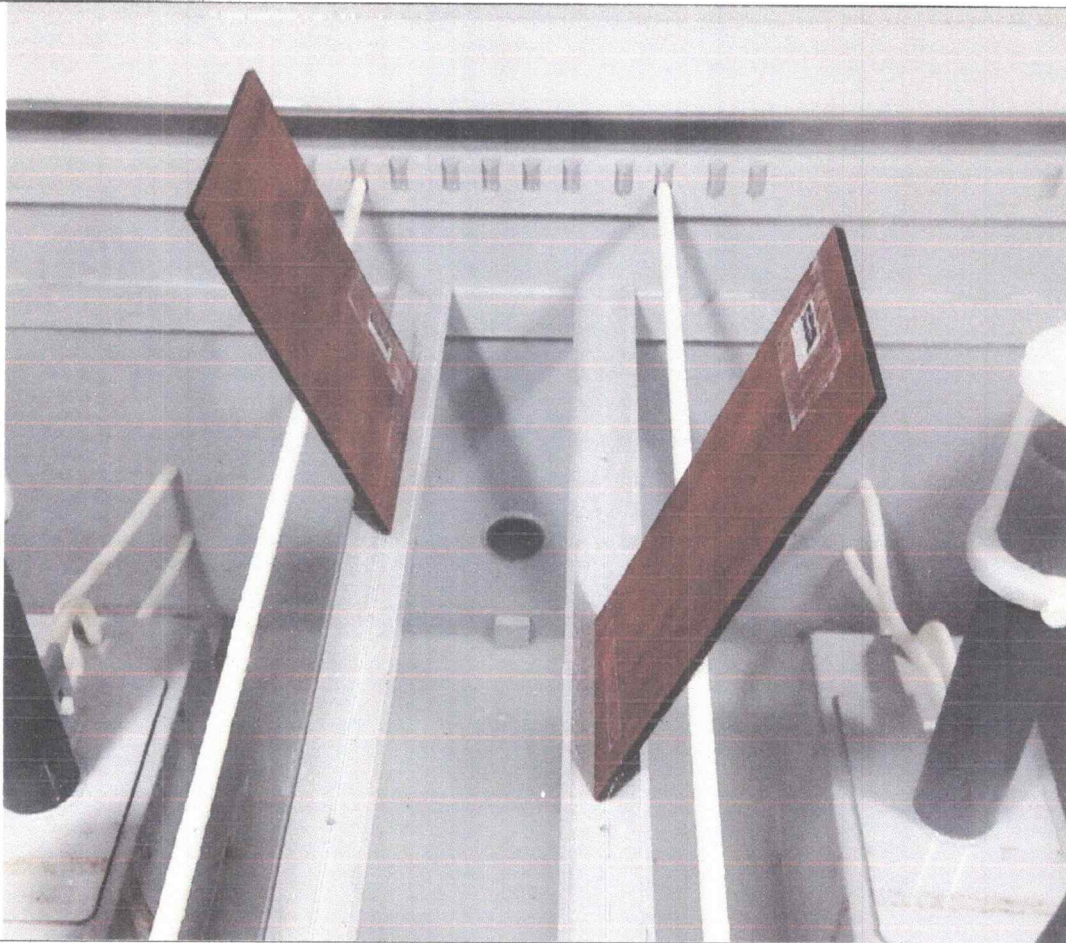
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EUT View After 360hrs



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**Final Photographs During Inspection**

**\*\*\* END OF TEST REPORT \*\*\***



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