



**Surface Engineering & Coating Consultant**  
A Reliable Paint Testing & Certification Laboratory



**Test Report**

Date: 23/02/2020

To,  
Dr. Ruchi Grower  
(Director)  
M/s. OXYCOAT  
20/80 Second Floor, Shakti Nagar, New Delhi-110007

Ref. No. Email dated: 19/10/2019  
Sample Received: 21/10/2019  
Testing Date: 21/10/2019 & 19/12/2019  
URL: TC8480190000000041P

Project No: SECC-89/A/19

Dear Sir,

Subject: - Laboratory Test of the OXYCOATS ANTIRUST HVAC COATING.

Sr. No.	Test Methods and Conditions	Sample ID	Test Results
1	Impact Resistance (*ASTM D2794) Temperature: 23 ± 2 °C Relative Humidity: 50 ± 5% Indenter Dia. = 15.6 mm Weight = 1593.6g	DM-01	Impact Energy = 4.68 J No stress marks or cracking
		DM-02	
2	Pencil Hardness (ASTM D 3363) Temperature: 25±2°C Relative Humidity: 50±5%	PH-01	6H
3.	Cross Hatch Adhesion (ASTM D3359) Temperature: 23 ± 2 °C Relative Humidity: 50 ± 5%	A-01	Rating 5B
4.	Salt Fog Test (*ASTM B117-18) Test Electrolyte: 5 wt.% NaCl solution at 32 ± 5°C Test Duration: 3000 hours. DFT- 50-60 µm Substrate -Copper	A-1	PASS  No any sign of Blistering Rusting, Discoloration and Delamination
		A-2	
		A-3	

Project No: SECC-89/A/19, Rev0, URL: TC8480190000000041P, 'Laboratory Test of the OXYCOATS ANTIRUST HVAC COATING'.

5.	Taber Abrasion Test (*ASTM D4060) Temperature: 23 ± 2 °C Relative Humidity: 50 ± 5% 1000 cycles, CS-17 Wheel, 1Kg load	TA-01	Average Weight loss = 0.044 g
		TA-02	

-This report contains the results pertain to the test samples submitted to Surface Engineering and Coating Consultant (SECC). This report should only be reproduced in full with the permission of SECC. We do not accept any liability if this report is used for an alternative purpose from which it is intended. No addition to, deviation or exclusion from the test methods used were done.

\*NABL Accredited Test

Photographs and observations are enclosed.

*Patil*

Mr. Akshay Patil  
(Technical Manager)



*Khanna*

Prof. A. S. Khanna  
(Approval Authority)

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