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# TEST REPORT

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## ANS Surface Technology Pte Ltd

*Attention:*

**Mr. John Tan**

Project Engineer

**REPORT NO: EPL-TEST-0068-19**

**2 Layer Cool Galv. System Cathodic Disbondment Test Report**

**07<sup>th</sup> June 2019**

*Approved By*

**Dr Asim Bag, CEng.**

*Ph.D.(Met.) ; M.Tech.(Met.); B.E.( Met.); MIMMM*

**Managing Director**



## EXAMAT PTE LTD

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## TEST DETAILS

<b>Client</b>	: ANS Surface Technology Pte Ltd; 4 Penjuru Place #01-18, 2.8 Penjuru Tech Hub, Singapore - 608782	<b>Date of Issue</b>	: 07 <sup>th</sup> June 2019
		<b>Contact</b>	: Mr. John Tan
		<b>Reference</b>	: PO# ANSST-PO 19 - 007
<b>Test Start Date/Time</b>	: 04 <sup>th</sup> June 2019/7.40PM	<b>Test End Date/Time</b>	: 06 <sup>th</sup> June 2019/7.40PM
<b>Test Duration</b>	: 48 hrs.	<b>Solution Used</b>	: 3% NaCl
<b>Test Temperature</b>	: 30 ± 2°C	<b>Voltage Setting</b>	: -1.5 V vs. SCE
<b>Test Method</b>	: NFA49-711	<b>Initial Hole Dia.</b>	: 6mm
<b>Sample Dimension</b>	: 150mm x 70 mm x 1.5mm		
<b>Description</b>	Test Panel : Sand Blasted Panel ( 150mm x 70 mm x 1.5mm) Coating system : 1st coat : Cool Galv Grey - 80 micron 2nd coat : Cool Galv Grey - 80 microns		
<b>Average Increase in Radius</b>	: 0.22 mm		
<b>Remarks</b>	: The test result satisfies the CD test requirement as per NFA49-711.		

Reported by:	Reviewed by:	Approved by:
<b>Mr. S Prabhakaran</b>	<b>Mr. Tusar K Roy</b>	<b>Dr. Asim Bag</b>

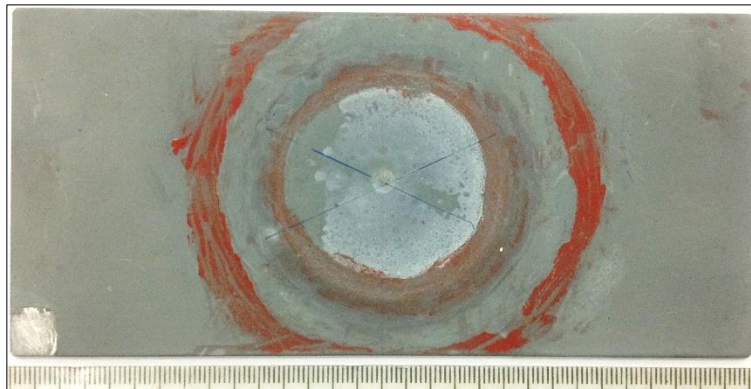
Revision No.	Revision Reason
: Rev 0	: NA
: NA	

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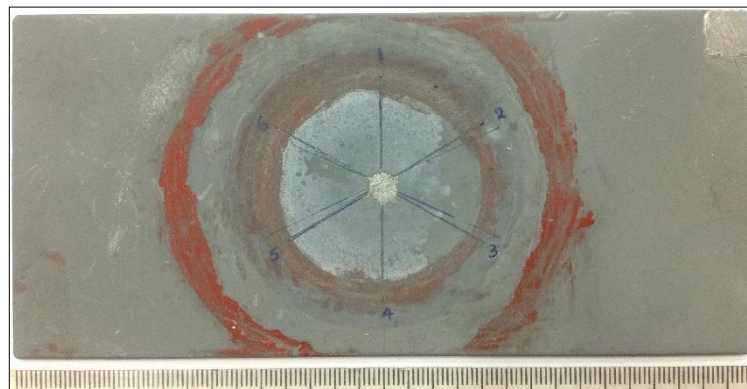
**PHOTOGRAPH OF SAMPLE**



**Fig 1: As Received Sample**



**Fig 2: Sample after Test Completion (Washed and Dried)**



**Fig 3: Sample after detachment**

-----End of Report-----