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TEST REPORT

REPORT NO : 2022CE0277	PAGE : 1 OF 4
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Applicant : POSCO-MALAYSIA SDN. BHD.
Lot 60 & 61, Jalan Sungai Pinang 5/1,
Seksyen 5, Fasa 2A, Taman Industri Pulau Indah,
42920 Pulau Indah, Selangor Darul Ehsan, Malaysia.

Manufacturer : POSCO-MALAYSIA SDN. BHD.
Lot 60 & 61, Jalan Sungai Pinang 5/1,
Seksyen 5, Fasa 2A, Taman Industri Pulau Indah,
42920 Pulau Indah, Selangor Darul Ehsan, Malaysia.

Product : Electro-Galvanized Steel Iron

Reference Standard / Method of Test : JIS Z 2371: 2015
Title: Methods of Salt Spray Testing

Description of sample : Received one (1) sample of Electro-Galvanized Steel Iron for testing
which was identified as:

Product Description: SECC-AF

Date Received of Complete Application : 04 February 2022

Job No. : J20223670200

Description of Test Results : The test results for the submitted test sample are described in next pages
of this test report.

Issued Date : 21 February 2022

Approved Signatory;

(ABDUL AZIZ BIN HARON)
Senior Testing Executive



(HAHNAS BINTI MAHBUT)
Head

Chemical, Polymer and Composite Section
Testing Services Department

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Test Result

Product : Electro-Galvanized Steel Iron

Product Description : SECC-AF

Test Method : JIS Z 2371: 2015 - Method of Salt Spray Testing

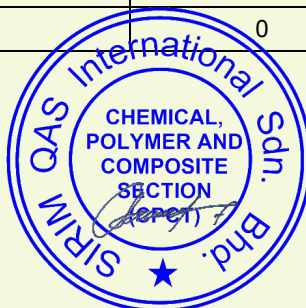
Test condition :

Total duration of exposure : 144 hours
 Temperature exposure zone : 35°C
 Salt solution used : 5% of NaCl
 pH of collected solution : 6.5-7.2
 SG of collected solution : 1.03
 Volume of salt collected in ml/h/80 cm² : 1.20 ml/hr
 Support angle of specimen : 20 ± 5° to a vertical line

No.	Product Description	Result, Rating Number (RN)
		Evaluating degree of rusting (red rust) * on coated samples at 144 hours exposure according to JIS Z 2371 – Neutral Salt Spray Test
1.	SECC-AF	10

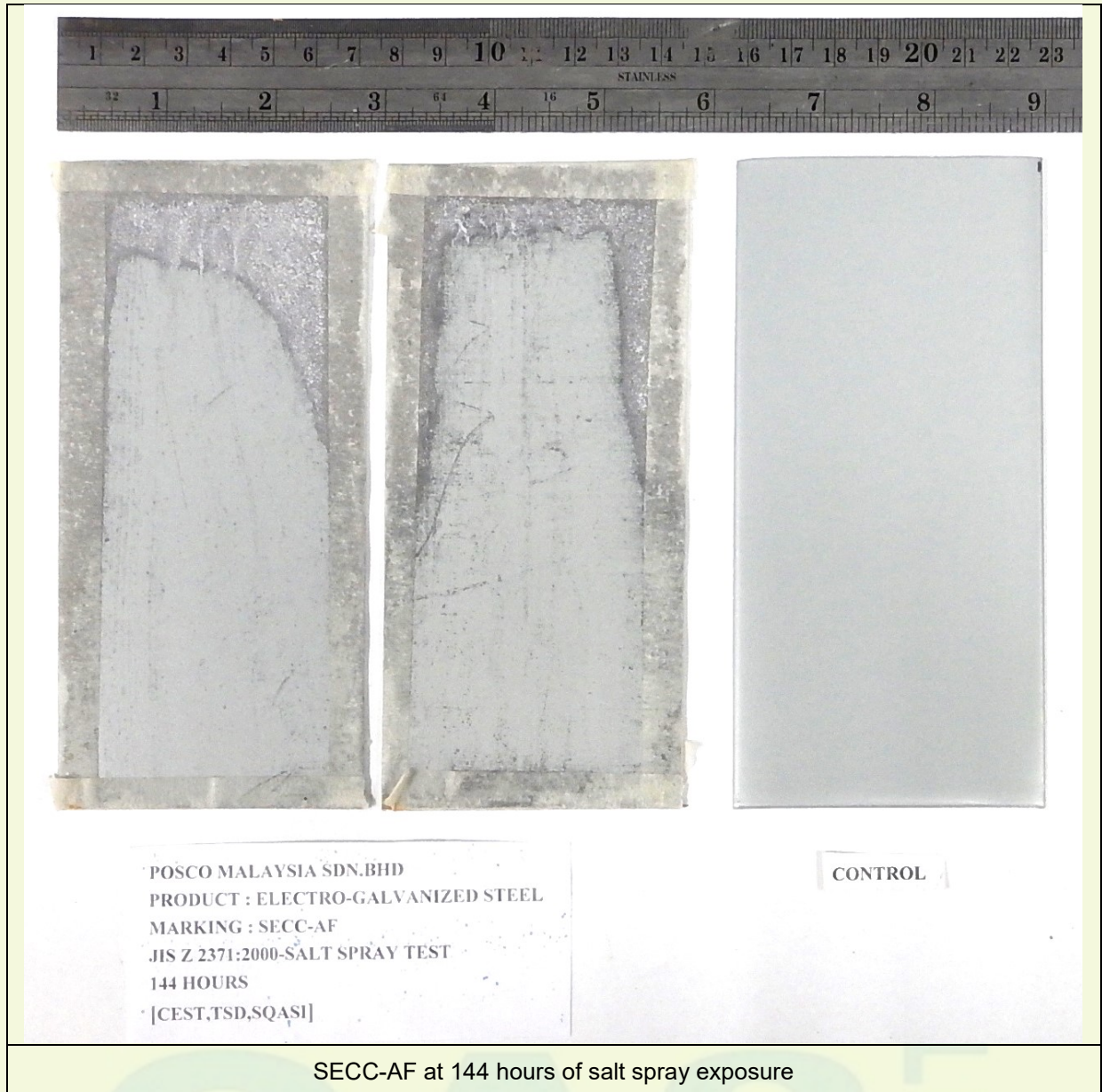
Note: * Table 1 – Relation between Corrosion Area Ratio and Rating Number

Corrosion Area Ratio, A (%)	Rating Number (RN)
0.00	10
0.02 maximum	9.8
Over 0.02 up to and including 0.05	9.5
Over 0.05 up to and including 0.07	9.3
Over 0.07 up to and including 0.10	9
Over 0.10 up to and including 0.25	8
Over 0.25 up to and including 0.50	7
Over 0.50 up to and including 1.0	6
Over 1.0 up to and including 2.5	5
Over 2.5 up to and including 5	4
Over 5 up to and including 10	3
Over 10 up to and including 25	2
Over 25 up to and including 50	1
Over 50	0



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Sample Photo



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2. The Test Report shall not be misused, amended, changed, varied or modified in any manner whatsoever by the Applicant or otherwise.
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 - a) Informing and placing a notice in the media;
 - b) Obtaining an injunction from Court (cost on a solicitor-client basis to be borne by the Applicant);
 - c) Refusing to accept any further Product for Testing Services from the Applicant or whosoever related to the Applicant, whether subsidiary or otherwise;
 - d) Instructing the Applicant to withdraw and recall the advertisement, statement or document in question and advertise a clarification and apology to SIRIM QAS International, SIRIM and/or other SIRIM's subsidiaries twice in a national publication of SIRIM QAS International's choice at the Applicant's sole cost; and
 - e) Informing or lodging a report pertaining the Applicant's Test Report with the relevant authorities.
10. SIRIM QAS International is committed in supporting an environmentally-friendly business practices by reducing paper consumption, therefore we do not issue any hard copy of Test Report to the Applicant. However, additional certified true copy(ies) or softcopy of the Test Report may be issued upon request by the Applicant upon payment of the relevant fee. The certified true copy(ies) or softcopy of test report shall only be given for test report issued not more than three (3) years from the date of issuance.
11. Issuance of Amendment Report due to the following reasons are chargeable to the Applicant :
 - a) Changes in details of the Applicant name and/or address;
 - b) Changes in details of the Manufacturer's name and/or address;
 - c) Changes in details of the Factory location name and/or address;
 - d) Changes in details of the model and/or type designation
12. However, issuance of Supplementary Report due to the following reasons are FOC :
 - a) Misprints and typo errors;
 - b) Missing technical information as agreed in PP1 form;
 - c) Test data not reported;
 - d) Mistake in reporting of test data
13. Corrections to report shall only be allowed if the date of issuance of the original report has not exceeded 6 months and shall be limited to a maximum 3 times, after either case whichever occurs earlier, an Amendment or a Supplementary Report shall not be issued.