

TEST REPORT

No. : NBIN1908008824SC

Date : Aug 19, 2019

Page: 1 of 5

CUSTOMER NAME: KAER TECHNOLOGY CO.,LTD
ADDRESS: NO. 230 WEI20 ROAD, YUEQING ECONOMIC DEVELOPMENT
ZONE, ZHEJIANG PROVINCE

Sample Name : Dinrail
Product Specification : HR-8500
Product or Lot No. : 201907
Manufacturer : Kaer Technology Co.,Ltd
Material and Mark : SPCC

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Date of Receipt : Aug 06, 2019
Testing Start Date : Aug 06, 2019
Testing End Date : Aug 19, 2019
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to
the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Services Co., Ltd Ningbo Branch

Luna Yu
Authorized signatory

TEST REPORT

No. : NBIN1908008824SC

Date : Aug 19, 2019

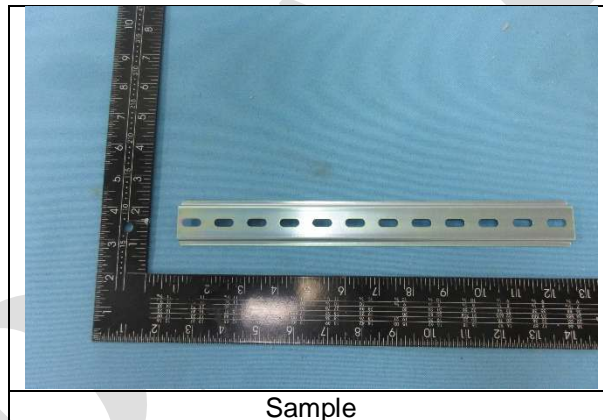
Page: 2 of 5

Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Neutral Salt Spray Test (NSS)	ISO 9227:2017	See test result	Pass

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.

Original Sample Photo:



Sample

TEST REPORT

No. : NBIN1908008824SC

Date : Aug 19, 2019

Page: 3 of 5

Test Item: Neutral Salt Spray Test (NSS)

Sample Description: See photo

Test Method: ISO 9227:2017

Test Condition:

Concentration of solution collected: (50±5) g/L NaCl

Chamber temperature: (35±2)°C

Volume of salt solution collected: (1.5±0.5) ml/(80cm²·h)

pH of collected solution at (25±2)°C: 6.5~7.2

Exposure period: 96h

Test Result:

Test Item	Exposure period	Client's Requirement	Result	Conclusion
Neutral Salt Spray Test (NSS)	48h	/	Slight black rusting, a little white rusting	/
	96h	Appearance rating ≥6	Slight black rusting, a little white rusting; Appearance rating: 6 ^{Note 1}	Pass
		Protection rating ≥ 10	No corrosion for base metal; Protection rating 10 ^{Note 1}	Pass

TEST REPORT

No. : NBIN1908008824SC

Date : Aug 19, 2019

Page: 4 of 5

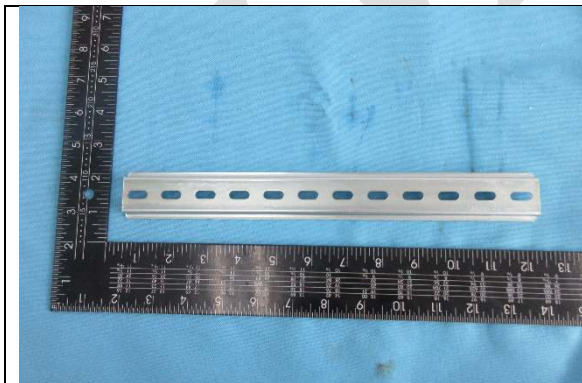
Note:

1. Appearance and protection rating refers to ISO 10289:1999, as follows:

Area of defects, A (%)	Protection /Appearance rating
0(No defects)	10
$0 < A \leq 0.1$	9
$0.1 < A \leq 0.25$	8
$0.25 < A \leq 0.5$	7
$0.5 < A \leq 1.0$	6
$1.0 < A \leq 2.5$	5
$2.5 < A \leq 5.0$	4
$5.0 < A \leq 10$	3
$10 < A \leq 25$	2
$25 < A \leq 50$	1
$50 < A$	0

2. The sample didn't been rinsed at 48h .

Test Photo:



After test-48h



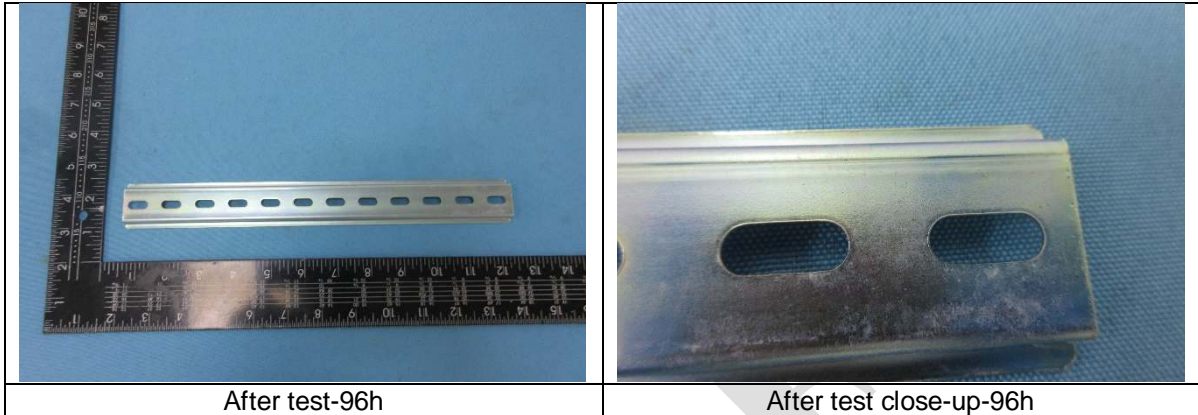
After test close-up-48h

TEST REPORT

No. : NBIN1908008824SC

Date : Aug 19, 2019

Page: 5 of 5



Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Salt Spray Test Chamber	SH-160	NBPL-A021	2018-10-16	2019-10-15

***** End of report*****