

NOVAL GLASS GROUP LTD

NO.33 SHANDONG ROAD, QINGDAO, CHINA

The following sample(s) was / were submitted and identified on behalf of the client as:

Sample Description : MIRROR
SGS Ref No. : 11563378
Product specification : 300×300MM
Product or Lot No. : PH
Manufacturer : NOVAL GLASS GROUP LTD
Material and Mark : ALUMINIUM
Test Requested : NSS SALT SPRAY (FOG) TEST FOR 300 HOURS (ASTM B 117-11)
Sample Receiving Date : MAY.13, 2013
Test Performing Date : MAY.13, 2013 TO MAY.28, 2013
Test Result(s) : FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)
Conclusion : THE TEST DATA WERE PROVIDED TO CLIENTS FOR THEIR OWN ANALYSIS.

Signed for and on behalf of
SGS-CSTC Co., Ltd.

David Fan
Engineer

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Test Conducted: NSS salt spray test (ASTM B117-11)

Test condition:

Concentration of sodium chloride solution	(5 ± 1)% by mass
Exposure time	300 h
Volume of solution collected for a collecting area of 80 cm ²	1.0 to 2.0 mL /h
Chamber temperature	(35 ± 2) °C
pH of collected solution at (23 ± 3) °C	6.5 to 7.2
Test equipment	Salt Spray Tester (AJHG 70-2)

Test result (ASTM D 610-08):

Specimen	Exposure time	Rusting rating	Description of appearance
Mirror	168h	10	No visible change
	216h	10	No visible change
	264h	10	No visible change
	300h	10	No visible change

Remark:

Assign rusting rating using rust grade (percentage of surface area rusted, see table 1) followed by the type of rust distribution (see table 2):

Table 1: Scale of rust grade

Rust grade	Percent of surface rusted
10	≤ 0.01%
9	0.01- 0.03%
8	0.03 - 0.1%
7	0.1- 0.3%
6	0.3 - 1.0%
5	1.0 - 3.0%
4	3.0 - 10.0%
3	10.0 - 16.0%
2	16.0 - 33.0%
1	33.0 - 50.0%
0	> 50%

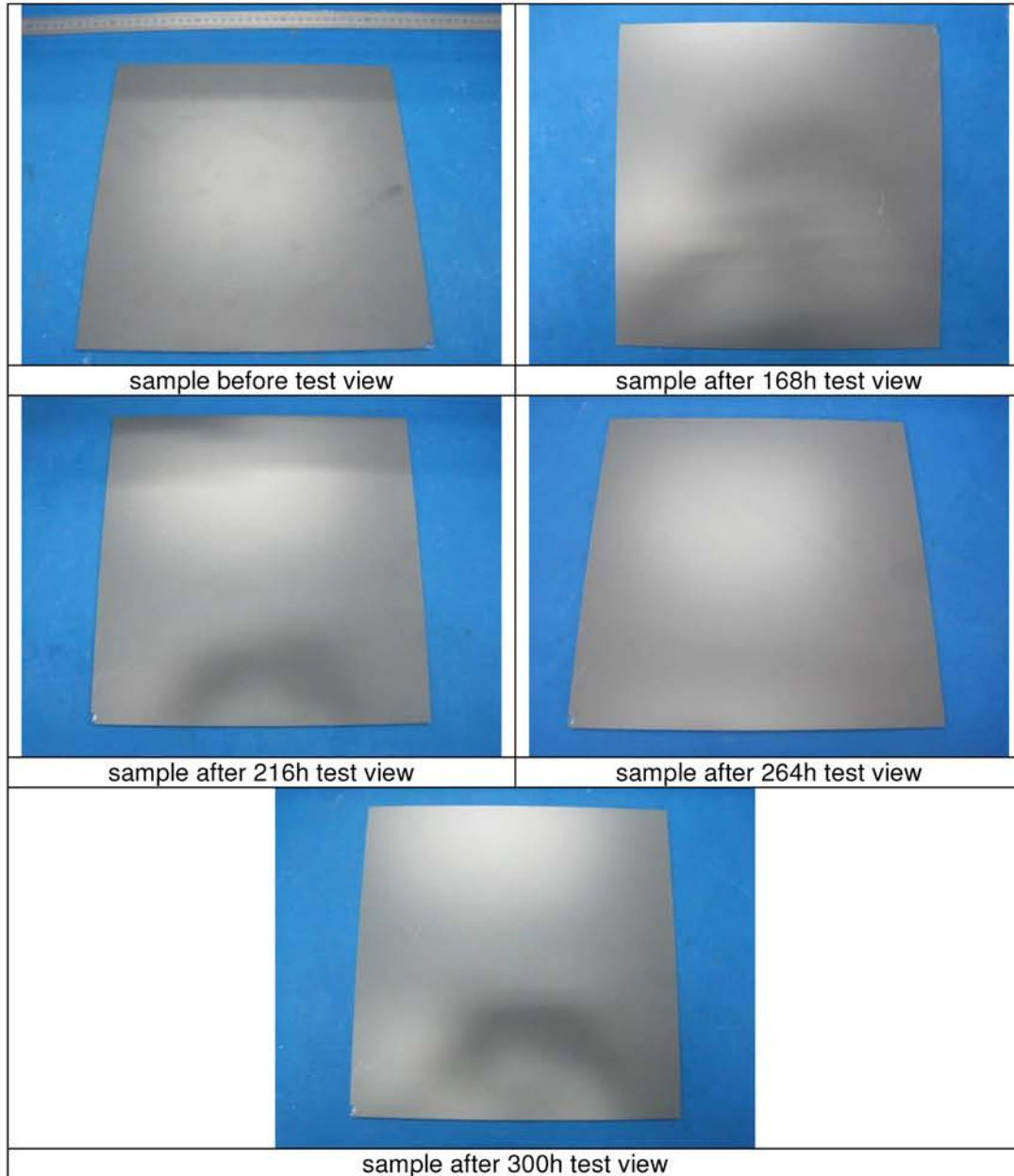
Table 2: Type of rust distribution

S	Spot rusting
G	General rusting
P	Pinpoint rusting
H	Hybrid rusting

To be continued...

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Sample Photo:



End of Report

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