

TEST REPORT

No. : SHIN1608043987PS-01

Date : Nov 04, 2016

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CUSTOMER NAME: BEC INDUSTRIAL (SHANGHAI) CO.,LTD
ADDRESS: NO.5050, LONGWU ROAD,MINHANG DISTRICT,SHANGHAI, ,CHINA
200241

This Report cancels and supersedes the Report No.: SHIN1608043987PS dated: Nov 02,2016 issued by SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd, original report will be invalid from today.

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

Sample Name : Asbestos-free Calcium Silicate
Manufacturer : BEC INDUSTRIAL (SHANGHAI) CO.,LTD
Date of Receipt : Aug 26, 2016
Testing Start Date : Aug 26, 2016
Testing End Date : Nov 02, 2016
Test result(s) : For further details, please refer to the following page(s)

Signed for
SGS-CSTC Standards Technical
Services (Shanghai) Co., Ltd.



Qiang Wang
Authorized signatory



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Test Item: External Stress Corrosion Cracking Tendency of Austenitic Stainless Steel

Test Standard:

ASTM C692-13 Standard Test Method for Evaluating the Influence of Thermal Insulations on External Stress Corrosion Cracking Tendency of Austenitic Stainless Steel

ASTM C795-08(2013) Standard Specification for Thermal Insulation for Use in Contact with Austenitic Stainless Steel

1) Information of stainless steel coupons

Type	Dimensions	Heat treatment
304	178mm×51mm×1.5mm	650 °C, 3h, in air atmosphere

2) Information of samples

Type	Sample preparation
Block	102mm×89mm×38mm with arc groove, 4pcs

3) Test condition

Test procedure used	Reagent	Drip rate	Exposure period
Drip test	Deionized Water	250 mL/d	28d (98 °C)

4) Test result of reference coupons

Reference coupons	Reagent	Drip rate	Exposure period	Number of coupons tested	Number of coupons with cracks
Group 1	Deionized Water	250mL/d	28d	4	0
Group 2	Deionized Water (containing 1500 ppm chloride ions)	250mL/d	72h	4	4

5) Test result of test coupons

Number of tested coupons: 4

Number of coupons with cracks: 0

Conclusion: According to the test results, the submitted sample meet the requirement of ASTM C795-08(2013).



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Note: The test was carried out by external laboratory assessed as competent.

Statement: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Test Photo:



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



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Testing Center - Measurement

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