

TEST REPORT

No. : SC120921291

Date : Sep. 25, 2012

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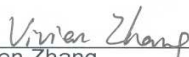
TANCHOR CHANNELS CO., LTD
3F, BUILDING 3, NO.1221, YAN-AN XI RD, SHANGHAI

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

Sample Name : TANCHOR CAST-IN CHANNEL
Sample No. : SC120921291
Test Required : Resistance to loading in shear
Test Method : With reference to BS 5080-2:1986(R2008)
Product specification : HBC40/22 200mm
Product or Lot No. : Hot rolled
Manufacturer : Tanchor Channels Co., Ltd
Material and Mark : Hot rolled
Date of Receipt : Sep. 18, 2012
Test Period : Sep. 18, 2012 to Sep. 25, 2012
Test Results : For further details, please refer to the following page(s)

***** To be continued*****

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


Vivien Zhang
Authorized signatory

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1. Brief Introduction

Tanchor Channels Co., LTD consigns SGS-CSTC Standard Technical Services (Shanghai) Co., Ltd. to test the shear loading test of Tanchor Cast-in Channel. The embedment of the sample and the mold of the concrete (strength grade C35) are done by consigner.

2. Test Method

With reference to BS 5080-2:1986(R2008) Method of test for Structural fixings in concrete and masonry. Method for determination of resistance to loading in shear

3. Test Equipments

No.	Equipment	Type
1	universal testing machine	CY-6540

4. Test Results

No.	Working Load (kN)	Design Load (kN)	Acceptable Load of Failure (kN)	Safety Factor	Test Result		
					Maximum Test Load (kN)	Failure Mode of Samples	Conclusion
1	10	10	30	3.0	61.5	The bolt was broken.	Meet the design requirements.
2					62.3	The bolt was broken.	Meet the design requirements.
3					61.9	The bolt and the concrete were broken.	Meet the design requirements.

Note: The working Load, design load and safety factor were declared by consigner.

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

***** To be continued*****

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Sample and Test photos:



Sample photo

Sample 1:



Before test



After test

***** To be continued*****

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Sample2:



Before test



After test

Sample 3:



Before test



After test

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

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