

Material &amp; Engineering Laboratory-Taichung

## TEST REPORT



REPORT NO : TK-16-01171ZA

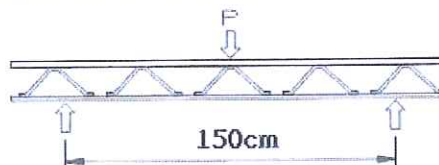
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DATE : Mar.14, 2016

Project Name: Taiwan Provincial Highway 9 Suhua Section Ren-Shui Tunnel Project  
 Owner: Suhua Improvement Engineering Office, Directorate General of Highways  
 Construction Supervisor: Sinotech Engineering Consultants Ltd.  
 Contractor: CONTINENTAL Engineering Corporation  
 Applicant: CONTINENTAL Engineering Corporation  
 Supplier: WECAND ENTERPRISE CO., LTD  
 Sample Name: Lattice Girder G100 (Sample no:C2-I-036-1)  
 Number: C2-I-036  
 Structural Position: Main Tunnel Support Use  
 Sample Taken By: Sinotech Engineering Consultants Ltd.-Wu, Jun-Chang/  
 CONTINENTAL Engineering Corporation-Pan, Tong-Jian  
 Sample Submitted By: Sinotech Engineering Consultants Ltd.-Wu, Jun-Chang/  
 CONTINENTAL Engineering Corporation- Pan, Tong-Jian  
 Date of Sampling: Mar. 09, 2016  
 Date of Sample Received: Mar. 11, 2016  
 Date of Testing: Mar. 11, 2016  
 Product Specification: Suhua Improvement Engineering Office, Directorate General of Highways Chapter 02422  
 Bend Test for Steel Support (The same as Transportation and Communications TANEED  
 Tunnel Construction Working Specification Chapter 02422 Bend Test for Steel Support)  
 Test Method: Transportation and Communications TANEED Tunnel Construction Working Specification  
 Chapter 02422 Bend Test for Steel Support  
 Remark: 1.The information mentioned in the above section is provided by Client  
 (Exclude Date of Sample Received and Date of Testing)  
 2.The sample was transferred by SGS M&E Laboratory-NA.(Application  
 ZS-16-00129W C-16-00835 Received date:Mar.09, 2016) for the testing item(s) as  
 below to be performed in SGS M&E-Laboratory-Taichung

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Test Results : The sample provides by the client



Sample Name	Test Speed	Max Compression Load (kgf)	Displacement (mm)	Test procedures/Result
Lattice Girder G100 (Sample No:C2-I-036-1)	5 mm/min	2425	67	Apply the downward force and record the max load. Main bar and join bar had deformed; Points of weld didn't came off or crack
Customer Requirement	----	----	----	Points of weld didn't came off or crack

The required specification(s) offered in this test report is/are for reference only.  
 The conformity judgment is at the Applicant's final verdict.

For and on behalf of  
WECAND ENTERPRISE CO., LTD.

Signed for and on behalf of  
SGS TAIWAN Ltd.

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Material &amp; Engineering Laboratory-Taichung

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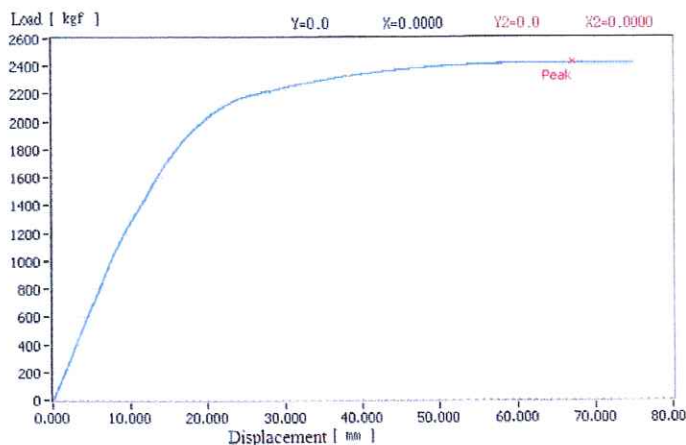
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DATE : Mar.14, 2016

## Test Results :

Lattice Girder G100  
(Sample No:C2-I-036-1)



Remark: 1. This Test Report is an additional original report of TK-16-01171Z. Issued date: Sep. 21, 2016

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For and on behalf of  
WECAND ENTERPRISE CO., LTD.



Authorized Signature(s)

The required specification(s) offered in this test report is/are for reference only.  
The conformity judgment is at the Applicant's final verdict.



Signed for and on behalf of  
SGS TAIWAN Ltd.

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