

## Test Report of Metallic Materials

Report No. : MM-1501229

Receive Date : 2015.11.30

Report Date : 2015.12.01

Project Name : Highway Construction For Provincial Highway No.9 Improvement Project Su'ao Yongle Section

Client : RSEA Engineering Corporation

Client's Address : No.91, Yongchun Rd., Su'ao Township, Yilan County 270, Taiwan(R.O.C)

Contractor : RSEA Engineering Corporation

Supplier : WECAND Enterprise Co., Ltd.

Sampler : Sinotech Engineering Consultants, Ltd. (Huang, Wen-Cheng)  
RSEA Engineering Corporation (Chiang, Ruei)

Transporter : See Remark 5

Witness : N/A

Remarks : 1. This report is responsible for the test samples only.

2. The content of this report shall not be reproduced except in full.

3. This report will be preserved for 3 years.

4. Owner: Suhua Improvement Engineering Office, Directorate General of Highway, Ministry of Transportation and Communication.

Construction Supervisor: SINOTECH Engineering Consultants, Ltd.

Material Test Application No. : A1-M02-201.

Sampling Date/Location: 2015.11.27/South Portal of Su'ao Tunnel.

(The informations of this section are provided by client)

5. The testing samples were collected by Suhua Highway Improvement Project A1-A3, B1-B4, C1A-C2 Site Laboratory at the job site on 2015.11.27 (Report No.1505847X), and transported by Huang, Wen-Cheng (Sinotech Engineering Consultants, Ltd.) and Chiang, Ruei (RSEA Engineering Corporation). Our laboratory was requested by Hsieh, Herng-Ji (CECI Nova Technology Co., Ltd.) to conduct this test.

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

  
Authorized Signature(s)

Laboratory Supervisor: Approval Signatory : 

## Test Report of Metallic Materials

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Test Date : 2015.12.01

Materials[Specification] : Rock bolt, Nut, Bearing plate assembling pull-out load test


Test Method: ASTM A370(2014)

### 1. Rock bolt, Nut, Bearing plate assembling pull-out load test

Specimen No.	Product Grade	Product Marking	Tensile Load (tf)	Breaking Position
A1-M02-201-1	—	φ 25 mm	23.8	fracture at threads of rock bolt
Requirement for specification are provided by the client			≥ 16	—

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

  
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Authorized Signature(s)

Laboratory Supervisor: Approval Signatory: 