

# QINGDAO TOME INTERNATIONAL CO.,LTD

## 3.1B CERTIFICATE

Certificate No.: TM213720161114  
Consignee: Empresas Carbone S.A.  
Contract No.:16VE493-1114  
Specification: M8

Date: 2017-1-3  
Tel/Fax: +86 532 83887115/83885892  
Email: sales@tomechina.com  
Add: Shandong, China

WE TEST THE THREAD ROD AS PER SALES CONTRACT NO. 16VE493-1114 DD NOV. 14TH, 2016, THE RESULTS ARE LISTED AS FOLLOWING:

### PRODUCT:

M8 THREADED ROD IN ES30020

### CHEMICAL ELEMENTS:

CHEMICAL TEST REPORT	CHEMICAL COMPOSITION (%)						
CHEMICAL TEST REPORT	CHEMICAL ELEMENTS	C	Si	P	S	Cr	Ni
		0.03	0.8	0.035	0.025	18	8.7

### MECHANICAL PROPERTIES:

MECHANICAL PROPERTY	MECHANICAL PROPERTIES			
	TENSILE STRENGTH	HARDNESS	ELONGATION	YIELD STRENGTH
	MPa	MAX(HV)	Dia.	MPa
STANDARD	≥700	2000	0.4	≥210

### Conclusion:

As listed above, the goods are qualified.

Date of Manufacturing: DEC, 2016

Manufacturer: Qingdao Tome International Co., Ltd.

Inspector: Jianfeng Zhu

Signature: 王公翔

Date: 2017-01-03

Director: Ximen Xu

Signature: 徐雪

Date: 2017-01-03