

## CERTIFICATE OF TEST

Page 01 of 02

Certification Date  
21-DEC-2010

CUSTOMER ORDER NUMBER

3088

ENCORE METALS CANADA  
7805 - 51ST STREET S.E.  
CALGARY AB T2C 2Z3

Invoice Number  
S115740

CUSTOMER PART NUMBER

E100737

SOLD TO: TALNEA TECHNOLOGIES INC.

SHIP TO:

TALNEA TECHNOLOGIES INC.

BAY 60, 2175 29 STREET NE  
CALGARY AB T1Y 7H8

BAY 60 2175 29 STREET NE  
CALGARY AB T1Y 7H8

Description: 316/316L CF ANN BAR  
1-3/4 RD S/C 3'0" (36.0")  
HEAT: E100737

ITEM: 525420

Line Total: 24.558 LB

### Specifications:

AMS 5648 K	AMS 5653 F	ASTM A276 08A
ASTM A479 09	ASME SA479	QQ S 763 F
ASME SA182	ASTM A182 09	ASTM A484 09
ASTM A193 09	EN 10204 3.1	AMS QQ S 763 B
ASME SA193	ASME SA320 B8M CL1	ASTM A262 PRACTICE E 98
ASTM A320 B8M CL1 08	DIN 50049	EN 10204 3.1B
EN 252.225.7014 6/05	NACE MR0175 03	

### CHEMICAL ANALYSIS

C	P	SI	NI	CU	N	TI	SN
0.019	0.03	0.391	10.13	0.37	0.076	0.002	0.006
V	CBTA	MN	S	CR	CO	MO	CB
0.05	0.017	1.75	0.026	16.73	0.239	2.06	0.017
AL	B						
0.004	0.004						

RCPT: R206319

COUNTRY OF ORIGIN : UNITED KINGDOM

### MECHANICAL PROPERTIES

DESCRIPTION	YLD STR KSI	ULT TEN KSI	%ELONG IN 02 IN	%RED IN AREA	HARDNESS BHN
	42.8	89.1	54.0	73.6	167

The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination.

Material did not come in contact with mercury while in our possession.

We hereby certify that the material covered by this report will meet the applicable requirements described herein, including any specification forming a part of the description.

The willful recording of false, fictitious, or fraudulent statements in connection with test results may be punishable as a felony under federal statutes.

PURCHASING MANAGER

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GRAIN SIZE :7 -

MATERIAL IS FREE FROM MERCURY CONTAMINATION  
NO WELD REPAIR PERFORMED ON MATERIAL  
THERMAL TREATMENT: OK  
OL ANNEAL @ 1900F MIN/WQ  
CORROSION: OK  
MICRO1: OK

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