

TEAM TUBE

CERTIFICATE OF TEST

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Certification Date
29-OCT-2019

CUSTOMER ORDER NUMBER

2019-1071

CUSTOMER PART NUMBER

108875

TEAM TUBE DIVISION RMCL

5039 72ND AVENUE SE
CALGARY AB T2C 3H3

Invoice Number
S164564

SOLD TO: M2M MACHINING

#15- 4216 64 AVE S.E.
CALGARY AB T2C2B3

SHIP TO:

M2M MACHINING

#15- 4216 64 AVE S.E.
CALGARY AB T2C2B

Description: 1026 HF SMLS TUBING - ASTM A519
11.500 OD X .750 W S/C 1'2.25" (14.25")
HEAT: 277543

Line Total: 1.1875 FT

ITEM: 108875

Specifications:

ASTM A519 06
ASME SA106 13ED
NACE MR0175
GRADE C

ASTM A106 13
ASME SA530 13ED
ISO 15156-2 15
API 5L PSL1

ASTM A530 12
SEC II PT A
PARA A.2.1.2 GR B

CHEMICAL ANALYSIS

C	SI	MN	P	S	AL	CU	CR
0.24	0.23	0.76	0.011	0.002	0.025	0.02	0.04
NI	MO	V	TI	NB			
0.03	0.01	0.001	0.004	0.001			

RCPT: R522352

COUNTRY OF ORIGIN : GERMANY

MECHANICAL PROPERTIES

DESCRIPTION	YLD STR PSI	ULT TEN PSI	%ELONG IN 02 IN	%RED IN AREA	HARDNESS
	43510.0	75127.0	45.5		

REDUCTION RATIO 0.58 TO 1 VACUUM DEGASSED

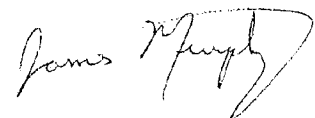
The above data were transcribed from the manufacturer's Certificate of Test after verification for completeness and specification requirements of the information on the certificate. All test results remain on file subject to examination.

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.

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

JAMES MURPHY



Manager, Quality Assurance



Jan 2/2020