



Packing Note

No: 176134

Page: 1(1)
Date of packnote: 2020-02-27

Your reference no: 8000119
Our reference no: 374148

Issuer: 84

Consignee address	Cust No (Consignee): 10000530	Ordering customer	Cust No (Buyer): 10000530
GRANDE PRAIRIE FLUID SYSTEM TECH IN		GRAND PRAIRIE FLUID SYSTEM TECHNOLO	
#100 11025 89TH AVENUE		118 COMMERCE DRIVE	
GRANDE PRAIRIE, AB, T8V5B9		WINNIPEG, MB, R3P 0Z6	
GRANDE PRAIRIE		WINNIPEG	
Canada		Canada	

Mode of transport
ROAD

Terms of delivery
COL
Required date
2020-03-06

Line	Product & description	Ordered qty & unit	Delivered qty & unit	P/C
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CF SMLSS STNLESS TUBE/PIPE

9	E316/0250065Z	2500.000 ft	2260.000 ft	P
	TP316/316L .250 X .065 AW			
Heat code	Lot code	Quantity	Net weight	Package no
557467	20159/807	2260.000 ft	296.06 lb	1088361
Package no	Dimensions (LxWxH)	Gross weight	Package type	#Pcs
1088361	21.08x0.67x0.75 ft	376.000 lb	H-Box - 21	113
Total:	1	376.000 lb		
Total gross weight:		376.000 lb		

NOTE: Any item, proved to be defective, may be returned, upon proper authorization, and shall be replaced, if required, but Sandvik, Inc., shall not be liable for labor, or other expenditures on items supplied. We hereby certify that in respect to all labor performed in the United States in the production of these goods, there was full compliance with all applicable requirements of Section 6, 7 and 12 of the Fair Labor Standards Act, as amended, and of regulations and orders of the United States Department of Labor under Section 14 thereof.



Plant Location: 982 Griffin Pond Road, Clarks Summit, PA 18411
 Sold To: 10000530 Ship To: GRANDE PRAIRIE FLUID SYSTEM TE
 GRAND PRAIRIE FLUID SYSTEM TEC GRANDE PRAIRIE AB
 WINNIPEG MB Certification Date: 20200227
 Customer Order No: 8000119
 Sandvik Order No: 374148/9

Work Order/Lot: 20159

 SWAGELOK SMS-00333 Rev. D, SWAGELOK SQS-00012 Rev. Z, ASTM A269-15a
 ASTM A213-18b, ASME SA-213, ASME Section II, 2019 Edition
 NACE MR0175/ISO 15156, 3rd Edition 2015-11-23, (Austenitic)

Cold Finished BRIGHT ANNEALED Seamless Tube
 Type MT 316/MT 316L/TP316/TP316L Size: .250" X .065"
 Heat: 557467

Material Manufacturer: SMT SANDVIKEN, SWEDEN

ANALYSIS %

	C	Si	Mn	P	S	Cr	Ni
Heat	.017	.39	1.81	.034	.009	17.29	13.18
Prod	.017	.38	1.77	.033	.009	17.03	13.03
	Fe	Mo	Cu	Al	Pb		
Heat	2.64		.28				
Prod	2.62		.27				

Mechanical Tests:

Yield Strength		Tensile Strength		Elongation in %				Reduction Of Area	
0.2%	1.0%			E2"	E10"	E4d	E5d	%	
psi	MPa	psi	MPa	psi	MPa				
43080	297.1	N/A		83110	573.2	60	N/A	N/A	N/A

Hardness Test Results: 73HRBW, 75HRBW

Flare Test per ASTM A450/A1016 and ASME SA450/SA1016,
 No. samples: 2 Result: Acceptable
 Flattening Test per ASTM A450/A1016 and ASME SA450/SA1016:
 Acceptable

Tensile Test sample width (1=Full-Size 2=1/2" Strip): 1
 This material complies with DFARS 252.225-7001 (2016)
 This material does not comply with DFARS 252.225-7008 (2013)
 This material complies with DFARS 252.225-7009 (2014)
 This material does not comply with FAR 52.225-1 (2009)
 This material complies with FAR 52.225-5 (1999)

Country Of Origin: Sweden

100% Positive Material Identification performed
 All material subjected to a final solution annealing heat
 treatment with material at a temperature of 1900 deg. F
 minimum followed by rapid quenching to below 800 deg. F in
 less than three (3) minutes.

The material has not come in contact with Mercury or Mercury containing compounds.

Material is capable of passing the ASTM A262 Practice "E".
 No welding has been performed on this material.

Material has been eddy current tested in accordance with
 ASTM A450, ASTM A1016 and is acceptable.

Inspection certificate produced in accordance with

MATERIAL CERTIFICATE

Cert#: 2000002251

Page 2

EN 10204 3.1 (formerly EN 10204 3.1.B).

No unauthorized alterations. The contents of this Inspection Certificate may not be modified or revised in any way without the prior written approval of Sandvik Materials Technology. Unauthorized alterations to the Inspection Certificate, including introduction of false, fictitious or fraudulent statements or entries, may be punishable by fines, imprisonment, or both. This Inspection Certificate may be copied only in the manner and for the purposes specified in EN 10204:2004, Section 6. Contravention of this notice will be prosecuted to the fullest extent of the applicable law(s).

Material has been manufactured/supplied in accordance with Sandvik Materials Technology Quality Manual-Commercial Products Revision 2 dated June 18, 2019. Quality system has been approved to ISO 9001:2015 (Cert# 10213298, 31AUG19) No unauthorized alterations. The content of this inspection certificate may not be modified or revised in any way without the prior written approval of Sandvik Materials Technology. Unauthorized alterations to the inspection certificate, including introduction of false, fictitious or fraudulent statements or entries, may be punishable by fines, imprisonment, or both.

Contravention of this notice will be prosecuted to the fullest extent of the applicable laws.

Melt Source: SMT SANDVIKEN, SWEDEN

Melt Method: Electric Furnace

This is to certify that the contents of this certificate are correct and accurate as contained in Sandvik's records, and that all above test results and operations performed are in compliance with the requirements of the purchase order and the specification(s) listed above.

Electronically Generated Certificate-Valid without signature

John Scherer, Quality Mgr-Tube

10 (SWINST316 R37) (10) CF (RX1152)