

WESTBROOK

MATERIAL TEST REPORT

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HOUSTON, TX 77020

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Sold To: *Multalloy*
Order No.: 158869

Order Date: 7/29/2021

Purchase Order: 296770-00
Tag Number: TAG: P1341760

Printed: 8/05/2021

Line: Description:
1 1/4 X 9 S40 A/SA312 T316/316L W NPL
TBE

***** Specifications - Heat Code **Q01246** *****
A312/A312M-13B TP316/316L, SA312 TP316/316L, A403-13A WP316/
316L, SA403 WP316/316L, A733, A960, ASME B36.19M, B1.20.1,
MSS SP-25, SP-95
STARTING MATERIAL: PIPE & TUBE

Chemical Composition %:


C:	Mn:	P:	S:	Si:	Cr:	Ni:	Mo:
0.022	0.940	0.035	0.001	0.540	16.670	10.140	2.080
N:							
0.011							

Mechanical Properties:

Tensile(PSI):	Yield(PSI):	Elong(%):	Hardness:	Flattening:	Hydro(PSI):
89500	43200	49.00	HRB 79	OK	2500

Comments:

Corrosion test per A262 Practice E.
Annealed @ 1904 and water quenched.
Meets Nace MR-01-75/2009, MR-01-03/2010 and ISO 15156-3/2009.

Stock 4734312 09/02/2021

SSFIT 1-1/4X9 SCH 40 316 NIPPLE

We hereby certify that the contents of this Material Test Report are correct and accurate to the best of our knowledge and belief, that all test results are in compliance with the material specifications and that all material meets the dimensional requirements of the order. The products described have not come into contact with mercury or any of its components. No weld repair performed. Westbrook's Quality System is registered to ISO 9001, Certificate #32813. This document is in accordance with EN10204:2004 3.1/DIN50049 3.1B and was electronically transmitted. This inspection certificate is issued under the authority of Westbrook's QA Manager.

