



**GREENVILLE TUBE COMPANY LLC** Material Test Report per EN 10204 3.1

501 S Montgomery St  
Clarksville, AR 72830

CUSTOMER: PAC STAINLESS LTD



**GREENVILLE TUBE COMPANY**

PHONE 1-479-754-6500 FAX 1-479-754-8426

5259 BRITTMOORE ROAD

SHIPPED TO: PAC STAINLESS LTD.

ORDER NUMBER GV427192/1

PO Number 62135H

HOUSTON, TX 77041

DFARS

5259 BRITTMOORE ROAD

PART ID CS0375049S31603JAS04

DESCRIPTION .375 OD X .049 AW 316/316L SMLS Tube  
SPEC ASTM-A-269-15a(2019)/A-213-21b/ASME-SA-213-21

206-824-7780  
HOUSTON, TX 77041 USA

FINISH Cold Drawn, Bright Annealed & Passiv CONDITION Bright Solution Annealed

DATE CERTIFIED 6/14/2022 EACH TUBE ON THIS ORDER HAS BEEN SPECTROGRAPHICALLY CHECKED FOR 316

TESTS PERFORMED

HARDNESS HRB 71/72

HARDNESS TEST PERFORMED ON OD, CORRECTED FOR CURVATURE PER ASTM E18

TENSILE STRENGTH	YIELD STRENGTH	ELONGATION	EDDY CURRENT
86282 PSI	51852 PSI	55%	FLARE Pass
88470 PSI	52835 PSI	60%	FLAT Pass

**CHEMICAL ANALYSIS**

HEAT NUMBER 404154 TYPE 316/316L Seamless

C	Mn	P	S	Si	Ni	Cr	Mo	Ti	N	Fe	Ta	Nb(Co)-Ta	Cu	Nb(Co)	Al	Co
L .014	1.14	.034	.008	.30	12.21	17.37	2.06						.27			.20
P .020	1.16	.036	.008	.30	12.38	17.41	2.08						.30			.19

"I HEREBY CERTIFY THAT THE HEAT NUMBERS, ANALYSIS AND TESTS DETAILED HEREON, ARE CORRECT AS CONTAINED IN THE RECORDS OF THIS CORPORATION"

Country of Manufacture: United States of America Country of Melt: Japan

Pieces:

Footage:



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**COMMENTS**

TAG: PO 62135H // PAC TRAK# 62135 // PN 760375049BAC

RB 80 MAX

NACE MR0175 / MR0103 // ISO 15156

PMI TESTED - PASS

DFARS COMPLIANT

Greenville Tube certifies that all material is subjected to a solution annealing heat treatment at a temperature of 1900 degrees F minimum followed by rapid air quenching to below 800 degrees F in less than three minutes.

Greenville Tube Company certifies that the material used to manufacture this product is contamination-free from asbestos, tetrafluoroethylene, mercury, lead, sulfur or any special metal alloy which is liquid at ambient temperature. This product is compliant with the European Community RoHS Directive 2011/65/EU.

Greenville Tube Company Certifies the items represented by the information stated above conforms in all respects to the specification and to all other requirements stated in the purchase order.

**SIGNED:**

*John M. Schmoker*

F8.2.4.4 Rev 2

John Schmoker

Material on this order was manufactured and shipped from Clarksville, AR, USA

Quality Tech Assist