



MATERIAL TEST REPORT

Sold To: 2610002 MCJUNKIN RED MAN CORPORATION PO BOX 513 CHARLESTON WV 25322	Ship To: 63596 BEADED STREAM LLC 3501 POSTMARK DRIVE ANCHORAGE AK 99502
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Purchase Order: C 896 043065 8D0 Sales Order: 197675 Material: M007050003501 A269 A/SA 249 T316L 0500OD 035 aw Delivery / File Nbr: 80330851

Description: ASTM A249-15, ASME SA249-15, ASTM A269-15, ASTM A554-15A
WELDED STNLS STEEL TUBING, TP316/TP316L

Test: REVERSE BEND TEST PASSED. FLATTENING TEST PASSED. REVERSE FLATTENING TEST PASSED. FLARE TEST PASSED. BEND TEST PASSED. FLANGE TEST PASSED. NDT ELECTRIC TESTED TO ASTM A450 OR A1016 & APPLICABLE TEST METHOD E309 OR E426. NITROGEN TESTED TO 1,000 PSI AND PASSED. NITROGEN TESTED FOR 15 MIN .

Heat Number:	AL844542
	%
CARBON LDL	0.020
MANGANESE LDL	1.620
PHOSPHORUS LDL	0.033
SULFUR LDL	0.0004
SILICON LDL	0.310
NICKEL LDL	10.110
CHROMIUM LDL	16.780
MOLYBDENUM LDL	2.040

Ultimate (PSI)	88,800 / 89,400
Yield (PSI)	47,800 / 48,000
Elongation (%)	55 / 56
Hardness (RB)	78 / 78

We hereby certify that the above figures are correct as contained in the records of the company and that each batch has been manufactured, sampled, tested and inspected in accordance with the applicable specification stated above. This Document conforms to the requirements of Specification EN 10204 Inspection Document Type 3.1.

Webco does not use mercury in testing or production of its stainless steel products. According to our records and to the best of Webco's knowledge, understanding and belief, this product was not contaminated during manufacture in our facilities. This document was prepared by means of electronic processing and is invalid without signature.

Date: 12/16/2015
Joseph Young
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