

102149-11
316

7164-3650



Atlas Specialty Steels
One Centre Street, P.O. Box 1000
Welland, Ontario, Canada L3B 5R7

CERTIFIED TEST REPORT



Customer:
ATLAS IDEAL METALS
7945 CORONET ROAD
EDMONTON, ALBERTA

Customer P/O: S287056/059

B/L No.: AA0814018

Date: AUG/14/2000

T6E 4N7

Sales Order: N0A18351

P.O.C.: CR45464000

Part No/End Use: 7164-3650

Description

Grade: 316/316L	Size: 6.5000 in	No of Pcs: 2	Heat Treatment: SOLN ANNEALED
Heat No: H9201	Shape: RD	Weight: 2712 lb	Finish Condition: BAR TURNED
	Length: 10' -12'		Product Quality: COMMERCIAL QLTY
			Melting Process: AOD

Specifications

ASME SA182-98 (CHEM) ASTM A276-98B	ASME SA193-98 B8M CL1 ASTM A479-99 (COND A)	ASME SA479-98 QSS 763F	ASTM A182-99 (CHEM) NACE MR-01-75-98	ASTM A193-99A B8M CL1	ASTM A262-98 PR E
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Chemical Analysis

C	Mn	P	S	Si	Cr	Ni	Mo	N	Co	Cu
0.011	1.680	.026	.023	0.671	16.07	10.100	2.019	0.065	0.085	0.360

Mechanical and Physical Properties of Material

Specimen Position	Size	Dir	Yield Strength Offset 0.2% ksi	Tensile Strength ksi	Elongation		Reduction % t	Hardness		Impact Tests		
					%	Size		BHN	Temp	Temp	Temp	
R/2	.5000	L	35.1	78.9	56.5	2IN	79.4	140.0				

Special Testing

Statements and Remarks

CORROSION TESTED TO A262 PRACTICE E - SATISFACTORY
SOLUTION ANNEAL 1900 F - WATER QUENCH
MACRO STRUCTURE : SATISFACTORY

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THE RESULTS SHOWN ABOVE ARE CERTIFIED TO BE A TRUE COPY OF TEST RECORDS CONTAINED WITHIN OUR COMPANY

No welding was performed on this material
This material is free from mercury contamination

M. LAWRENCE
SENIOR TEST REPORT CLERK

Marilyn Lawrence

6/23