



Pennsylvania
289 Mifflin Drive
Wrightsville, PA 17368
USA

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 736044 18	Mail To: YARDE METALS, INC. OLD PRATT & WHITNEY BLDG DG 45 NEWELL STREET SOUTHINGTON, CT 06489	Ship To: YARDE METALS, INC. CUSTOMER PICKUP 289 MIFFLIN DRIVE WRIGHTSVILLE, PA 17368	Date: 11/05/2021 Page: 1
Customer: 002275 998			Steel: 304/304L
			Finish: ST
Your Order: P10805EM006	NAS Order: PN 0128340 08	Heat Treat Code: 67,405	Corrosion: ASTM A262/15 Prac A/E OK
			Red Ratio: 7.0 :1

PRODUCT DESCRIPTION:

Round Bar, Annealed, Smooth Turned, Cold Finished
UNS S30400/S30403, EN 10204 3.1, ASTM A484/20b
ASTM A276/17, ASTM A479/20, ASTM A182/20 CHEM ONLY,
ASME SA479/19, ASME SA182/19 CHEM ONLY, ASTM F899/20
AMS 5639/J, AMS 5647/K, AMS-QQS-763/D, QQS:763/F
NACE MR0175/15(MID RADIUS ONLY), MR0103/15(MID RADIUS ONLY)
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/18 CL 1 GR B8

ASME SA193/19 CL 1 GR B8(EXC PAR 7.3.1)
GRAIN SIZE = 6-8, ASTM A193/20 CL 1 GR B8(EXC PAR 6.2.1)

REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7009 EU DIRECTIVE
2011/65/EU.RoHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	-----Length-----	Mark	Pieces	Commodity Code
BM2292 4		3.2500		2,186	144.00	6	1	

ANAB, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTM A751/20

NAS Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
P02V	US	.014	.29	18.02	.47	1.51	.395	.074	8.57	.028
		S %	SI %							
		.0205	.20							

YARDE METALS, INC. CERTIFIES THAT
THIS IS A TRUE COPY OF THE ORIGINAL
MILL TEST REPORT NOW ON FILE
RECEIVED AND INSPECTED

MECHANICAL PROPERTIES

Product Id	l o c	d i c	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 4D
BM2292 4	R	L	163.0	34.91	85.72	77.11	60.60

NOV 08 2021

By: *[Signature]*
Dennis Vallancourt, Certification Processor

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

[Signature]
KRIS LARK

11/05/2021



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