

METALLURGICAL TEST REPORT

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

Certificate: 867846 02

Date: 8/17/2023 Page: 1 Of 1

Steel: 316/316L

Finish: HRAP

Dia/Thk: .3750 in

Leg Length: 3.0000 in

Length: 252.00 in

Corrosion: ASTM A262 Prac A/E OK

Customer: 0305 001

NAS Order: LR 19984 1

Heat Treat Code: 77,134

Your Order: 105668

Item Code: 67342

PRODUCT DESCRIPTION:

Angle
UNS S31600/S31603, EN10204 3.1
ASTM A276/17, ASTM A479/21
ASME SA479/21,
AMS-QQS-763/D, QQS:763/F, AMS 5648/M, AMS 5653/J
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014 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

Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight
VD69356	1254	VD69360	786					

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	Supplier Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
Y60H		US	.018	.29	16.58	.44	1.58	2.009	.035	10.12	.030	.0013
			SI %									
			.33									

MECHANICAL PROPERTIES

	l o c	d i r	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 2"
VD69356	R	L	140.0	74.73	101.98	67.88	40.52
VD69360	R	L	140.0	74.73	101.98	67.88	40.52

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.


KRIS LARK