



CapProducts, Ltd.
25 Winnipeg St
Vanastra, ON N0M 1L0

Phoenix * Capitol * Camco
CapProducts

Certified Material Test Report

Commanding a Higher Standard

Printed: 11/16/2018

Customer

CAPITOL MANUFACTURING
1125 CAPITOL RD
CROWLEY, LA 70526

Certified: 11/16/2018

P.O. 4034534 - PO Created

Tag 304/L.NWSTBE.75x2-CMC

Heat No ALC050292

Heat Code 87EH

Phoenix Order # 1404790

Material ASTM A312-2015 304/304L / ASME SA312-2015 Edition

Part Number

15200704

Description

3/4 X 2 SCH40 WLD NIP 304/L

Chemical Properties

C	Mn	P	S	Si	Cu	Ni	Cr	C Eq. Long	
0.0180	1.5900	0.0320	0.0010	0.4800		8.1000	18.2000	4.4630	

Mo	V	Co	Al	Cb	N	Pb	Sn	Ta	Ti

Additional Chemical Properties

Cr + Cu + Ni

26.3000

Mechanical Properties

Tensile (PSI)	Yield (PSI)	Elong. % in 2 in. or 4D	R of A	HBW	HBW2
91,374	50,328	55.0%	0.0%	179	0

Charpy Minimum Impact - ft/lbs

Test 1	Test 2	Test 3	Average	Test Temp.
N/A	N/A	N/A	N/A	N/A

* Hydro test passed. at 2630 psi.

We hereby certify that these parts were manufactured, sampled, tested, and inspected in accordance with the product specifications stated and were found to meet the requirements.

We further certify that this material was inspected using independent inspectors conforming to the requirements of EN 10204 3.1. These products meet the requirements of the latest editions of NACE MR0175, NACE MR0103, and ISO 15156. No weld

repair has been performed on these products. This material was not exposed to mercury or any other metal alloy that is liquid at ambient temperatures during processing or while in our possession

This material conforms to the metallurgical and hardness requirements of ISO 15156. This material was solution annealed at 1900 F (Min) and was water quenched to below 500 F in less than 3 minutes.

Comments:

Flattening test passed.