



**CERTIFICATE OF ANALYSIS**

CUSTOMER:  
MARKED FOR:  
PACK SLIP\ORDER#:

P.O. NUMBER: 118998  
DATE: 23/01/2018  
WORK ORDER:

TYPE: FabCO 309LT1  
LOT NO.:801109016K  
SPECIFICATION: AWS A5.22, ASME SFA5.22 EN 10204 3.1

Part No.: S689219-078  
LBS SHIPPED: 2420 lbs

SIZE:1/16"  
HEAT NO.: 17240255  
CLASS: E309LT1-1/4

Actual Chemistry:

**FILLER METAL CHEMISTRY(%)**

C	0.023
Cr	23.3
Ni	12.9
Mo	0.013
Mn	1.03
Si	0.565
P	0.022
S	0.002
Cu	0.0139
Nb	0.0242
N	0.040

This material has not come in contact with mercury or mercury containing compounds.

Actual Mechanical Properties:

Ferrite(s):

76,087 Tensile PSI  
Yield PSI  
43.5 % Elongation

FN (Magnetic)  
14 FN (WRC-1992)

Charpy V-Notch Average = 52 Ft Lbs. @ -4 Degrees F

We hereby certify that the above product has been classified in accordance with the listed specification and conforms to all applicable requirements thereof.

Filler Metals Quality Assurance

*Hobart Brothers Company*

Hobart Square

Troy, Ohio 45373

Authorized Signature

Zhoujian.Li .Quality Manager