



**CERTIFICATE OF ANALYSIS**

CUSTOMER:  
MARKED FOR:  
PACK SLIP\ORDER#:

P.O. NUMBER:  
DATE: 25/12/2015  
WORK ORDER:

TYPE: FabCO 316LT1

SIZE:0.045"

LOT NO.: 512206112K

LBS SHIPPED: 110, 24 lbs

HEAT NO.: 15231650

SPECIFICATION: AWS A5.22, ASME SFA5.22

CLASS: E316LT1-1

Actual Chemistry:

**FILLER METAL CHEMISTRY(%)**

C	0.021
Cr	18.7
Ni	12.8
Mo	2.5
Mn	1.25
Si	0.676
P	0.022
S	0.011
Cu	0.035
Nb	0.006
N	0.04

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

Actual Mechanical Properties:

Ferrite(s):

81, 159 Tensile PSI

Yield PSI

40 % Elongation

Charpy V-Notch Average = 49 Ft Lbs. @ -4 Degrees F

FN (Magnetic)

6 FN (WRC-1992)

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*