



MILL TEST REPORTS

Bonney Forge
 14496 Croghan Pike
 Mt. Union, PA 17066

CERTIFIED MILL TEST REPORT

Plesa Anahuac y Cias S.A. de C.V. 10/31/2012

LOT NO.
 58394

CHEMICAL ANALYSIS, PHYSICAL PROPERTIES, REMARKS
 2" 3M A105N 90 Degree Elbow Socket-weld

C	0.200	MN	0.990	P	0.007	S	0.019	SI	0.170
NI	0.030	CR	0.030	MO	0.010	CU	0.100	CO	0.002
V	0.004								
CE(LONG FORMULA) = 0.382									
T/S(PSI) 71250 Y/S(PSI) 48750 EL(%) 33.650 RA(%) 66.300									
BRINELL HARDNESS 130, 130									

[Click here for Original Steel Mill Certification](#)

1. THE MATERIAL SUPPLIED MEETS THE REQUIREMENTS OF NACE MRO175/ISO 15156-2.
2. THE MATERIAL SUPPLIED WAS INSPECTED AND MANUFACTURED IN ACCORDANCE WITH EN DIN 10204:2004 EDITION TYPE 3.1 INSPECTION DOCUMENT.
3. CERTIFYING ASTM A105-10 / ASME SA105-10 EDITION.
4. THE MATERIAL SUPPLIED IDENTIFIED AS A105N WAS NORMALIZED IN ACCORDANCE WITH ASTM A105 HEAT TREATING REQUIREMENTS.

THIS DOCUMENT HAS BEEN ELECTRONICALLY SUBMITTED.