



TEST REPORT

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Date: 05-02-06
Certification: 148556*1*1

Cust PO: SL11497
Lot Nbr: 517904
Quantity: 7587 Pieces
Mfg Date: 05-02-06

St. Louis Screw & Bolt
PO Box 470037
6900 North Broadway
ST. LOUIS, MO 63147

Part Number: AQA087200
Description: 7/8-9 X 2 A325-3
Finish: PLAIN
THREAD TO HEAD

PART INFORMATION

Head marking: A325 TYPE 3- BAR 1 DOT SL

Steel Heat Nbr: CR405900
Steel Supplier: Charter Steel
Steel Grade: A325 TYPE 3 CLASS

RAW MATERIAL ANALYSIS

C	Mn	P	S	Si	Ni	Cr	Mo	Cu	Sn
0.3600	0.9800	0.0160	0.0120	0.2400	0.3300	0.5100	0.0100	0.3200	0.0090
V	Al	B	N						
0.0010	0.0240	0.0080	0.0001						

MECHANICAL PROPERTIES

Wedge Angle: 0	High	Low	Average	Samples
Test Performed	52.0	48.0	49.4	8
Superficial R30N				
Core Hardness, HRC	31.0	28.0	29.4	8

Certification test results include those reported by the following laboratories:
Charter Steel, A2LA, 10-31-07
Lake Erie Products - Pkft Lab, A2LA 0122.02, 05-31-06

Applicable Standards, Specifications, and Sampling Schemes:

THE FOLLOWING STATEMENTS APPLY TO:
ASTM A-325-04b, TYPE 1 and TYPE 3 BOLTS
ASTM A-490-04a, TYPE 1 and TYPE 3 BOLTS
Test Methods are in accordance with ASTM F606-05.
Thread Fit and Dimensional Properties are compliant to ASTM B18.2.6.
These bolts passed inspection for surface discontinuities, per ASTM F789.
These bolts were not produced from heats in which Bismuth, Selenium, Tellurium, or Lead was intentionally added.
These bolts were not exposed to Mercury or any other metal alloy that is liquid at ambient temp during processing or while in our possession.
Material is of U.S. origin, and was melted and manufactured in the U.S.A.

THE FOLLOWING STATEMENTS APPLY TO:

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We certify: The product furnished by Lake Erie Products was manufactured, sampled, tested, and inspected in accordance with the standards and specifications listed above and with Lake Erie Products Quality Manual in effect as of the date of manufacture. The above data accurately reflects the results of the inspection and testing performed on the product. The above data is provided for your information only and does not constitute a warranty. The above data is provided for your information only and does not constitute a warranty. The above data is provided for your information only and does not constitute a warranty.

Lake Erie Products
Gerald E. Simone
Quality Manager