



Sandvik Materials Technology

Product Area Tube
P.O. Box 1220
Scranton
PA USA 18501
570-585-7500

201018031

www.smt.sandvik.com
www.smt.sandvik.com/nafta

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Sold To: 632580
SANDVIK DE MEXICO
TLALNEPANTLA, EDO MEXICO
Customer Order No: 450931
Sandvik Order No: 10898/23
Work Order/Lot: 824873

Ship To:
GAISA FORWARDING INC
LAREDO TX
Certification Date: 20100602

ASTM A312-09a, ASME SA-312, ASME Section II
2007 Edition, 2009 Addenda

Cold Finished BRIGHT ANNEALED Seamless Pipe
Type TP304/TP304L (UNS S30400/S30403)

Size: 3/4" SCH 40
Heat: 522108

ANALYSIS %

Table with 8 columns: Element (C, Si, Mn, P, S, Cr, Ni, Fe, Al, Pb), Heat, and values. Includes rows for Heat .009 and Heat .003.

Mechanical Tests:

Table with 5 main columns: Yield Strength (0.2%, 1.0%), Tensile Strength, Elongation (E2, E10, E4d, E5d), and Reduction of Area. Values are provided in psi and MPa.

Flattening Test per ASTM A999: Acceptable
Tensile Test sample width (1=Full-Size 2=1/2" Strip): 1
This Material complies with DFARS 252.225-7014 & Alternate 1
Corrosion Test per ASTM A262 Pr.E, MIL-P-24691/3 and MIL-P-1144D. No. samples: 1 Result: Acceptable
Country Of Origin: United States
This Material complies with FAR BAA (FAR 52.225-1)
This Material complies with DFARS BAA (DFARS 252.225-7001) and FAR TAA(FAR 52.225-5)

Material Does Qualify for NAFTA
100% Positive Material Identification performed
All material subjected to a final solution annealing heat treatment with material at a temperature of 1900 deg. F minimum followed by rapid quenching to below 800 deg. F in less than three (3) minutes.
The material has not come in contact with Mercury or Mercury containing compounds.

No welding has been performed on this material.
Material has been eddy current tested in accordance with ASTM E426 and ASME SE-426 and is acceptable.

Material has been manufactured/supplied in accordance with Sandvik Materials Technology Quality Manual ANÁLISIS Y CIAS. S.A. DE C.V. Quality system Products Revision 11 dated Nov 09, 2009. has been approved to ISO 9001:2008.

Certificate produced in accordance with EN 10204 3.1 (formerly EN 10204 3.1.B)

Melt Source: AB Sandvik MT, Sweden

Quality control stamp with fields for FECHA (22 Jul 2010), FIRMA (E. RUIZ), and CONTROL DE CALIDAD.

This is to certify that the contents of this certificate are correct and accurate as contained in Sandvik's records, and that all above test results and operations performed are in compliance with the requirements of the purchase order and the specification(s) listed above.

Electronically Generated Certificate-Valid without signature  
Audrey Kakareka, Quality Engr.

10 (A/SA312E/262E R15) (15) (US36541)