

Mill Test Certificate

2125-64 Avenue, Edmonton, AB Canada T6P 1Z4 Bri-Steel Manufacturing Inc.

Fax: 001 (780) 469-6986 Tel: 001 (780) 469-6603

www.brichemsteel.com

Product Size: NPS 24 TRUE80 Production Date: May 30, 2013

Production Method: **Hot Expansion** Product Heat Treatment: As-rolled

Seamless Carbon Steel Pipe

Product Heat Number:

BSM-0954

Product Standards: ASME B36.10-2004, ASTM/ASME A/SA106-2011 Grade B/C NDE, A/SA53-2012 Grade B Type S, NACE MR0175-2009, MR0103-2010

Product Markings: BRI-STEEL MFG ASTM/ASME A/SA106 GR B/C A/SA53 GR B NPS 24 TRUE80 1.219 inchWT HEAT BSM-0954 (PIPE # LENGTH MASS) 296.4lb/ft NDE SMLS NACE MR0175

2013/05 MADE IN CANADA.

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Pass	** .	F\	_	111	בשנו מבנואר ו	Non-Destructive Testing	
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Perrite & Pearlite	l loot	Heat Type Microstructure		
81	-	HRBW	Hardness	
Pass	0	Flattening Test		Mechar
Longitudinal; 19.1mm x WT	0000000	50mm GI	Tension Test	Mechanical Properties
50,000	72	ns.	Yield (Rt0.5)	
72,500	poi	<u>.</u>	Tensile (Rm)	
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Additional Details:

results meet the corresponding requirements. Inc. in accordance with ASTM/ASME A/SA106-2011, A/SA53-2012, and the purchase order requirements, and that the We hereby certify that this pipe product was manufactured, sampled, tested and inspected by Bri-Steel Manufacturing

Service, and NACE MR0103-2010 Section 2.1. This pipe product meets the sour service requirements of NACE MR0175/ISO 15156-2:2009 Annex A2 for Region 3 Sour

No weld repairs have been performed on this product.

 \checkmark This certificate represents a quality control system that is compliant with EN 10204:2004 Type 3.1. This product has not come into contact with mercury during the Bri-Steel Manufacturing processes.

*Note that this product was hydrotested to 1000 psi for 5 seconds.

Mill Test Certificate approved by:

2013 JUN 65

Paul Sowden, T.T.

Assistant QA Manager