

Mill Test Certificate

Bri-Steel Manufacturing Inc.

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www.brichemsteel.com

NPS 18 TRUE80 Production Date: August 6, 2013

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

Seamless Carbon Steel Pipe

Product Heat Number:

BSM-1135

Product Size:

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

Product Markings: BRI-STEEL MFG ASTM/ASME A/SA106 GR B A/SA53 GR B NPS 18 TRUE80 0.94 inchWT HEAT BSM-1135 (PIPE # LENGTH MASS) 170.81b/ft NDE SMLS NACE MR0175 2013/08

MADE IN CANADA.

	CCTT-IAICG	DCM 113F	חבמנ	_			
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49	0.68	69,500	47,500	Longitudinal; 19.1mm x WT	Pass	/6	remite & Pearlite	uedi	CCTT-IAICG
/0	1.10.0/1111/	700.	17.7				Carrier 0 Dan 1:1	E 22+	BCM 113E Linat
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Flongation (A)	Y/T	Tensile (Rm)	Yield (Rt0.5)	Tension Test		Hardness			
						Landana			_
				Mechanical Properties	Mechan				

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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.
- This product has not come into contact with mercury during the Bri-Steel Manufacturing processes
- \checkmark This certificate represents a quality control system that is compliant with EN 10204:2004 Type 3.1.
- *Note that this product was hydrotested to 1000 psi for 5 seconds.

Mill Test Certificate approved by:

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Paul Sowden, T.T.

Assistant QA Manager