



Mill Test Certificate

Bri-Steel Manufacturing Inc.
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Product: Seamless Carbon Steel Pipe

Product Heat Number:

BSM-2233

Product Size:

NPS 22 STD

Production Date:

Jan 29, 2015

Production Method: Hot Expansion

Product Heat Treatment:

As-rolled

MTR

000830

Product Standards: ASME B36.10-2004, ASTM A335/ASME SA335-2011 GR. P11, NACE MR0175-2009 MR0103-2012

Product Markings:

BRI-STEEL MFG NPS 22 STD 0.375 INCHWT SMLS 2015/01 UT 750PSI

HEAT BSM-2233(PIPE# LENGTH MASS)78.72lb/ft ASTM A335/ASME SA335 GR. P11 MADE IN CANADA.

Product Details					Non-Destructive Testing									
Heat	Test Type	Product Size*	Pieces	Length	Mass lb/ft	Geiger μ R/hr	Res. Mag. Gauss	Visual Insp.	OD	UT WT	UT ASTM E213	ET ASTM E309	HydroTest 750 psi/5s	End Condition
BSM-2233	Heat	NPS 22 STD 0.375 in. WT	1	DRL	78.72	<5	<20	Pass	Pass	Pass	Pass	Pass	Pass	32.5° Bevel

Chemical Analysis (wt%)																		
Heat	Steelmaking Method	Analysis	C	Mn	P	S	Si	Cr	Cu	Mo	Ni	V	Ti	Nb	B	CE	CE	
																	(IIW)	(CSA)
BSM-2233	Blast Furnace; EAF; Ladle Refining; Vacuum Degass; Fully Killed	Heat	0.12	0.42	0.009	0.001	0.58	1.25		0.53		-	-	-		-	-	
		Product	0.11	0.41	0.009	0.002	0.56	1.23	0.08	0.52	0.08	0.003	0.003	0.002	0.0003	0.37	0.37	