Welded Tube Fueling Growth, Shaping Futures

CASING TECHNICAL DATA SHEET 7.625 x 0.375 EPL80 Buttress SCC

Reviewed by: Sr. Quality Engineer Approved by: Corporate Director-QEHS

TDS Date (MM/DD/YY) 5-5-25			
PIPE BODY DATA	Unit	Imperial	Metric
Nominal Outside Diameter	in	7.625	193.68
Nominal Wall Thickness	in	0.375	9.53
Remaining Body Wall (RBW)		95.0%	95.0%
Type of Thread		Buttress	Buttress
Grade		EPL80	EPL80
Coupling Type		Special Clearance	Special Clearance
Label Weight		29.70	29.70
Plain End Weight	lb/ft	29.06	43.28
Pipe Minimum Yield	ksi	82	565
Pipe Maximum Yield	ksi	95	655
Pipe Minimum Tensile	ksi	95	655
Standard Drift Diameter (min)	in	6.750	171.44
Alternate Drift Diameter (min)	in	N/A	N/A
Pipe Body Plain End Yield	lb	700,000	317,510
Pipe Body Internal Yield	psi	7,660	52,810
Collapse Pressure - Standard	psi	N/A	N/A
Collapse Pressure - High	psi	6,220	42,890
CONNECTION DATA			
Coupling Minimum Yield	ksi	80	552
Coupling Maximum Yield	ksi	95	655
Coupling Minimum Tensile	ksi	95	655
Coupling or Joint Outside Diameter (nom)	in	8.125	206.38
Coupling Thread Fracture Strength	1b	735,000	333,390
Pipe Thread Fracture Strength	1b	726,000	329,310
Pull Out Strength	lb	N/A	N/A
Nominal Make-Up Torque or Make-up Torque Range	ft-lb	N/A	N/A
Coupling Internal Yield	psi	6,550	45,160
Internal Yield of Joint	psi	6,550	45,160
WELDED TUBE GENERAL INPUT CRITERIA			
Coupling Color Code		Red	
Coupling Color Code for the Band		One Brown	
Pipe Color Code Identification	2" Band(s)	One Red, One Brown	
Additional Color Band (approx.10' from box end)		White	

Note:

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