

MAOP Validation Report

Confidential  
 Provided to CPSD pursuant to Public Utilities Code section 583



Report Date: 11/2/2011

MAOP Report Details: 0211-01 - MP 0.0000 to 0.6800

Historic MP	Begin Measure	End Measure	Item Type	Year Installed	OD	WT	SMYS	Fitting Rating	Seam Type	Joint Efficiency	MAOP per Design	Test Pressure	Test Year	MAOP per Test	MAOP per R	Class	% SMYS per R	Operating in Class	MAOP Limit Factor	Feature MAOP
Redacted																				

Footnote key  
 1 = Historical Requirement / Records / Structural Engineering Analysis  
 2 = Field Verification  
 A = Design Pressure per ASME B31.3  
 B = Operating at a reduced pressure as compared to MAOP from ASME B31.3

MAOP Limit Factor  
 1 = MAOP per ASME B31.3 Rev 2002  
 2 = Test Pressure  
 3 = Design Pressure

Other Nomenclature  
 N/A = Not Applicable  
 0 = Default, Not a Value

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Redacted

Footnote key  
 1 = Historical Requirement Practices / Shrink Engineering Analysis  
 2 = Field Verification  
 A = Design Pressure per ASME B31.3  
 B = Operating at a reduced pressure as compared to VAC from US6565 Rev 20

VAC Limit Factor  
 1 = VAC from US6565 Rev 20  
 2 = Test Pressure  
 3 = Design Pressure

Other Non-Reduction  
 N/A = Not Applicable  
 0 = Default, Notable  
 10 = 10%  
 20 = 20%

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Redacted

**Footnote Key**  
 1 = Historical Requirement / Records / Structural Engineering Analysis  
 2 = Field Verification  
 A = Design Pressure per ASME B31.3  
 B = Operating at a reduced pressure as compared to MAOP from ASME B31.3

**MAOP Limit Key Factor**  
 1 = MAOP per ASME B31.3 Rev 2002  
 2 = Test Pressure  
 3 = Design Pressure

**Other Non-Reduction**  
 N/A = Not Applicable  
 0 = Default, Notable

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Redacted																				

Footnote key  
 1 = Historical Requirement / Records / Structural Engineering Analysis  
 2 = Field Verification  
 A = Design Pressure per ASME B31.1  
 B = Operating at a reduced pressure as compared to MAOP from ASME B31.1

MAOP Limit Factor  
 1 = MAOP per ASME B31.1 Rev 20  
 2 = Test Pressure  
 3 = Design Pressure

Other Non-Reduction  
 N/A = Not Applicable  
 0 = Default, Not a Feature

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Redacted

Other Non-numeric  
 N/A - Not Applicable

Footnote key  
 1 = Historical Requirement Practices / Sound Engineering Analysis  
 2 = Field Verification  
 A = Design Pressure per ASME B31.1  
 C = Operating at a reduced pressure as compared to MAOP from US6565 Rev 20

MAOP Limit Key Factor  
 1 = MAOP per US6565 Rev 20  
 T = Test Pressure  
 D = Design Pressure

Other Non-numeric  
 N/A = Not Applicable  
 Default, Numeric  
 1.0  
 1.0

Redacted

Redacted