



EXPANSION JOINT SPECIFICATION SHEET



Company:	Date:
	Sheet of
Project:	Inquiry No.
	Job No.

Item No./EJ Tag No.				
1	Quantity			
2	Nominal Size/I.D./O.D. (In.)			
3	Expansion Joint Type			
4a	Fluid Information	Medium Gas/Liquid		
4b		Velocity (Ft./Sec.)		
4c		Flow Direction		
5	Design Pressure, psig.			
6	Test Pressure, psig.			
7a	Temperature	Design (°F)		
7b		Max./Min. (°F)		
7c		Installation (°F)		
8a	Maximum Installation Movement	Axial Compression (in.)		
8b		Axial Extension (in.)		
8c		Lateral (in.)		
8d		Angular (deg.)		
9a	Maximum Design Movements	Axial Compression (in.)		
9b		Axial Extension (in.)		
9c		Lateral (in.)		
9d		Angular (deg.)		
9e		No. of Cycles		
10a	Operating Fluctuations	Axial Compression (in.)		
10b		Axial Extension (in.)		
10c		Lateral (in.)		
10d		Angular (deg.)		
10e		No. of Cycles		
11a	Materials of Construction	Bellows		
11b		Liners		
11c		Cover		
11d		Pipe Specifications		
11e		Flange Specification		
12	Rods (Tie/Limit/Control)			
13	Pantographic Linkage			
14	Anchor Base (Main/Intermediate)			
15a	Dimensional Limitations	Overall Length (in.)		
15b		Outside Diameter (in.)		
15c		Inside Diameter (in.)		
16a	Spring Rate Limitations	Axial (lbs./in.)		
16b		Lateral (lbs./in.)		
16c		Angular (lbs./in./deg.)		
17	Installation Position Horiz./Vert.			
18a	Quality Assurance Requirements	Bellows	Long. Seam	
18b		Weld NDE	Attach.	
18c		Pipe NDE		
18d		Design Code Reqr.		
18e		Partial Data Reqr.		
18f				
18g				
18g				
19	Vibration Amplitude/Frequency			
20	Purge Instrumentation Connection			
21a	Special Flange Design	Facing		
21b		O.D. (in.)		
21c		I.D. (in.)		
21d		Thickness (in.)		
21e		B.C. Diameter (in.)		
21f		No. Holes		
21g		Size Holes		
21h		Hole Orientation		

