FORM 26-1 SPECIFICATION SHEET FOR ASME SECTION VIII, DIVISION 1
APPENDIX 26 BELLOWS EXPANSION JOINTS

Date _____ Applicable ASME Code Edition _____

1. Item Number _____ Vessel Manufacturer _____
2. Drawing/Tag/Serial/Job Number _____ Vessel Owner _____
3. Quantity _____ Installation Location _____
4. Size _____ O.D. _____ I.D. in. Expansion Joint Overall Length _____ in.

5. Internal Pressure: Design _____ psig
6. External Pressure: Design _____ psig
7. Vessel Manufacturer Hydrotest Pressure: Internal _____ psig External _____ psig

8. Temperature: Design _____ °F Operating _____ °F Upset _____ °F
9. Vessel Rating: MAWP _____ psig MDMT _____ °F Installed Position: Horiz. ☐ Vert. ☐

10. Design Movements: Axial Compression (−) _____ in. Axial Extension (+) _____ in. Lateral _____ in. Angular _____ deg
11. Specified Number of Cycles _____

12. Shell Material _____ Bellows Material _____
13. Shell Thickness _____ in. Shell Corrosion Allowance: Internal _____ in. External _____ in.
14. Shell Radiography: None ☐ Spot ☐ Full ☐
15. End Preparation: Square Cut ☐ Outside Bevel ☐ Inside Bevel ☐ Double Bevel ☐ (Describe in Line 23 if special)
16. Heat Exchanger Tube Length Between Inner Tubesheet Faces _____ in.

17. Maximum Bellows Spring Rate: ☐ N ☐ Y - _____ lb/in.
18. Internal Liner: ☐ N ☐ Y - Material _____
19. Drain Holes in Liner: ☐ N ☐ Y - Quantity/Size _____
20. Liner Flush With Shell I.D.: ☐ N ☐ Y - Telescoping Liners? N ☐ Y ☐
21. External Cover: ☐ N ☐ Y - Material _____
22. Preproduction Approvals Required: ☐ N ☐ Y - Drawings / Bellows Calculations / Weld Procedures
23. Additional Requirements (e.g., bellows preset, ultrasonic inspection):

U-2 Partial Data Report required per Appendix 26 para. 26–13. Temporary shipping bars are required to maintain assembly length during shipment and vessel fabrication only, and ARE NOT to be used during vessel hydrotest for expansion joint pressure restraint [see para. 26–4.1 (c) and (d)].

11/06

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