

**FORM 26-1 SPECIFICATION SHEET FOR ASME SECTION VIII, DIVISION 1
MANDATORY 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. Design Torsion: Moment _____ in.-lb or Twist Angle _____ deg

13. Shell Material _____ Bellows Material _____

14. Shell Thickness _____ in. Shell Corrosion Allowance: Internal _____ in. External _____ in.

15. Shell Radiography: None / Spot / Full

16. End Preparation: Square Cut ___ Outside Bevel ___ Inside Bevel ___ Double Bevel ___ (Describe in Line 24 if special)

17. Heat Exchanger Tube Length Between Inner Tubesheet Faces _____ in.

18. Maximum Bellows Spring Rate: N Y - _____ lb/in.

19. Internal Liner: N Y - Material _____

20. Drain Holes in Liner: N Y - Quantity/Size _____

21. Liner Flush With Shell I.D.: N Y - Telescoping Liners? N ___ Y ___

22. External Cover: N Y - Material _____

23. Preproduction Approvals Required: N Y - Drawings / Bellows Calculations / Weld Procedures

24. Additional Requirements (e.g., bellows preset, ultrasonic inspection):