

**FORM 26-1M 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. mm

Expansion Joint Overall Length _____ mm

5. Internal Pressure: Design ____ MPa

6. External Pressure: Design ____ MPa

7. Vessel Manufacturer Hydrotest Pressure: Internal ____ MPa External ____ MPa

8. Temperature: Design ____ °C Operating ____ °C Upset ____ °C

9. Vessel Rating: MAWP ____ MPa MDMT ____ °C Installed Position: Horiz. ____ Vert. ____

10. Design Movements: Axial Compression (-) ____ mm Axial Extension (+) ____ mm Lateral ____ mm Angular ____ deg

11. Specified Number of Cycles _____

12. Design Torsion: Moment _____ N·mm or Twist Angle _____ deg

13. Shell Material _____ Bellows Material _____

14. Shell Thickness ____ mm Shell Corrosion Allowance: Internal ____ mm External ____ mm

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 ____ mm

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

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):