

API Specification

17D

1st Edition, October 1992
 Subsea Wellhead and Christmas Tree Equipment

Appendix A

Purchasing Guidelines

A1 **General**

This appendix provides recommended guidelines for inquiry and purchase of API Spec 17D equipment.

A2 **Typical Wellhead and Tree Configurations**

Examples of typical wellhead and tree configurations are shown in Figures 102.1 through 102.5.

A3 **Product Specification Levels**

Product specification levels are defined in Section 103 of this specification.

Product specification levels apply to all pressure containing and pressure controlling parts

Determining of the production specification level is the responsibility of the purchaser. PSL 3 equipment is recommended for sour service with working pressures above 5,000 psi, and for non-sour service with working pressures above 10,000 psi.

A4 **Materials Class Rating**

Materials Class Rating shall be determined per Appendix A of API Spec 6A, using the following Table A1 in place of Table A1 of Section A7 of Appendix A of API Spec 6A.

Table 3.5.2.1 – Temperature Rating for Metallic and Nonmetallic Materials and Flexible Lines

Retained Fluids	Relative Corrosivity of Retained Fluid	Partial Pressure of CO ₂ (psia) (MPa)	Recommended Materials Class*
General Service	Noncorrosive	<7 (0.05)	AA
General Service	Slightly Corrosive	7 to 30 (0.05 to 0.21)	BB
General Service	Moderately to Highly Corrosive	>30 (0.21)	CC
Sour Service	Noncorrosive	<7 (0.05)	DD
Sour Service	Slightly Corrosive	7 to 30 (0.05 to 0.21)	EE
Sour Service	Moderately to Highly Corrosive	>30 (0.21)	FF
Sour Service	Very Corrosive	>30 (0.21)	HH

*Note: As defined in Table 302.3 of API Spec 6A.