

Recommended Practice for Subsea Capping Stacks

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Recommended Practice for Subsea Capping Stacks

1 Scope

This document provides subsea capping stack recommended practices for design, manufacture, and use. The document applies to the construction of new subsea capping stacks. The document can aid in generating a basis of design (BOD) document, as well as preservation, transportation, maintenance, testing documents, and operating instructions.

This document does not address procedures and equipment downstream of the capping stack. All equipment and operations downstream of the subsea capping stack are considered part of a containment system and are not within the scope of this recommended practice.

Annex A contains a discussion of possible subsea capping contingency procedures. Annex B contains example procedures for deployment, well shut-in, recovery, and storage of a subsea capping stack.

2 Normative References

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

API Specification 6A, *Specification for Wellhead and Tree Equipment*

API Standard 6AV1, *Validation of Safety and Shutdown Valves for Sandy Service*

API Specification 7-1, *Specification for Rotary Drill Stem Elements*

API Specification 7-2, *Specification for Threading and Gauging of Rotary Shouldered Thread Connections*

API Specification 14A, *Specification for Subsurface Safety Valve Equipment, 11th Edition, October 2005, Reaffirmed 2012*

API Specification 16A, *Specification for Drill-Through Equipment*

API Specification 16C, *Choke and Kill Equipment*

API Specification 16D, *Specification for Control Systems for Drilling Well Control Equipment and Control Systems for Diverter Equipment*

API Recommended Practice 17A, *Design and Operation of Subsea Production Systems—General Requirements and Recommendations*

API Specification 17D, *Design and Operation of Subsea Production Equipment, 2nd Edition, May 2011*

API Standard 17G, *Design and Manufacture of Subsea Well Intervention Equipment*

API Recommended Practice 17H, *Remotely Operated Tools and Interfaces on Subsea Production Systems*

API Standard 53, *Well Control Equipment Systems for Drilling Wells*

API Specification Q1, *Specification for Quality Management System Requirements for Manufacturing Organizations for the Petroleum and Natural Gas Industry*