

Recommended Practice for Subsea Capping Stacks

API RECOMMENDED PRACTICE 17W
FIRST EDITION, JULY 2014



AMERICAN PETROLEUM INSTITUTE

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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 and can be used to improve existing 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 presents recommendations for neither procedures nor equipment for containment systems that may be connected to a subsea 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 and recovery 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.

The following referenced documents are useful in 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 Christmas Tree Equipment*

API Specification 6AV1, *Specification for Validation of Wellhead Surface Safety Valves and Underwater Safety Valves for Offshore Service*

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

API Specification 7-2, *Specification for Measuring 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 16B, *Coke and Kill Systems*

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 Recommended Practice 17G, *Recommended Practice for Completion/Workover Risers*