Subsea Capping Stacks

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Contents

1 Scope 1
2 Normative References 1
3 Terms, Definitions, Acronyms, and Abbreviations 2
3.1 Terms and Definitions 2
3.2 Acronyms and Abbreviations 4
4 System Requirements 5
4.1 General 5
4.2 Interface Descriptions 5
4.3 System Design and Functional Requirements 6
4.4 Manufacturing 21
5 Use of a Subsea Capping Stack 24
5.1 General 24
5.2 Initial Actions 24
5.3 Equipment Notification and Callout 24
5.4 Well Condition Assessment 25
5.5 Deploying the Subsea Capping Stack 29
5.6 Operating Parameters 31
5.7 Operating Personnel 33
5.8 Logistics and Deployment Plans 34
6 Storage, Preservation, Maintenance, and Testing 35
6.1 General 35
6.2 Testing 36
6.3 Maintenance 42
6.4 Inspections 46
6.5 Preservation 47
6.6 Testing, Maintenance, Inspection, and Preservation Personnel 52
Annex A (informative) Subsea Well Capping Contingency Procedures 53
Annex B (informative) Example Procedures 55
Bibliography 59

Figures

1 Example of Three Likely Subsea Capping Stack Attachment Points 27

Tables

1 Example of Mobilization Interface Testing Matrix 30
2 Example Routine Testing Schedule 37
3 Example Non-routine Testing Schedule 37
4 Example Periodic Maintenance Schedule 43
5 Example Subsea Capping Stack Field Performance Report 45

Subsea Capping Stacks

1 Scope

This document provides subsea capping stack recommended practices for design, manufacture, and use. 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 17TR8, *High-pressure High-temperature Design Guidelines*

API Recommended Practice 17G1, *Configuration and Operation for Subsea Well Intervention Systems*

API Recommended Practice 59, *Recommended Practice for Well Control Operations*

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 Drill Stem Elements*

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

API Specification 14A, *Subsurface Safety Valve and Annular Safety Valve Equipment*

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, *Specification for Subsea Wellhead and Tree Equipment*

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