Subsea Production Systems
Depth of Knowledge in Deepwater Technology

General Requirements for Subsea Production Systems (17A)

Workover Riser (17G)
Subsea Umbilicals (17E)
HIPPS (17O)
Flexible Pipe (17B, 17J, 17K, 17L, 17L2)
Capping Stack (17W)
Subsea Trees (17D)
Subsea Manifolds (17P)
Subsea Controls (17F)
Subsea Umbilicals (17E)
Remote Operated Tools and Vehicles (17H)
Flowline Connectors and Jumpers (17R)
Subsea Structures (17P)

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API Publications

API RP 17A  Design and Operation of Subsea Production Systems – General Requirements and Recommendations
API RP 17B  Recommended Practice for Flexible Pipe
API Spec 17D  Specification for Subsea Wellhead and Christmas Tree Equipment
API Spec 17E  Specification for Subsea Umbilicals
API Std 17F  Standard for Subsea Production Control Systems
API RP 17G  Recommended Practice for Completion/Workover Riser Systems
API RP 17H  Recommended Practice for Remotely Operated Tools and Interfaces on Subsea Production Systems
API Spec 17J  Specification for Unbonded Flexible Pipe
API Spec 17K  Specification for Bonded Flexible Pipe
API Spec 17L  Specification for Flexible Pipe Ancillary Equipment
API RP 17L2  Recommended Practice for Flexible Pipe Ancillary Equipment
API RP 17N  Recommended Practice for Subsea Production System Reliability and Technical Risk Management
API RP 17O  Recommended Practice for Subsea High Integrity Pressure Protection Systems (HIPPS)
API RP 17P  Recommended Practice for Subsea Structures and Manifolds
API RP 17Q  Recommended Practice for Subsea Equipment Qualification – Standardized Process for Documentation
API RP 17R  Recommended Practice for Flowline Connectors and Jumpers
API RP 17S  Recommended Practice for the Design, Testing and Operation of Subsea Multiphase Flow Meters
API 17 TR8  High Pressure High Temperature Design Guidelines
API 17 TR11  Pressure Effects on Subsea Hardware During Flowline Pressure Testing in Deep Water
API 17 TR12  Consideration of External Pressure in Design and Pressure Rating of Subsea Equipment
API RP 17U  Recommended Practice for Wet and Dry Thermal Insulation of Subsea Flowlines and Equipment
API RP 17V  Recommended Practice for Analysis, Design, Installation and Testing of Safety Systems for Subsea Applications
API RP 17W  Recommended Practice for Subsea Capping Stacks

In Development
API RP 17X  Recommended Practice for Subsea Pumping Systems
API RP 17Y  Recommended Practice for Subsea Chemical Injection - Design, Testing and Qualification
API RP 17Z  Recommended Practice for Bonded Composite Pipe for Offshore Applications
API 17 TR7  Verification and Validation of Subsea Connectors

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