

ISO Standards for use in the oil & gas industry

- ISO 10418 Process safety systems (Rev)
- ISO 10419 Replaced by API Spec 6AV2
- ISO 10423 Wellhead & christmas tree equipment
- ISO 12489 Reliability modelling/safety systems
- ISO 13354 Shallow gas diverter equipment
- ISO 13533 Drill-through equipment (BOPs)
- ISO 13534 Hoisting equipment – care/maintenance
- ISO 13535 Hoisting equipment – specification
- ISO 13626 Drilling and well-servicing structures
- ISO 13702 Control and mitigation of fires and explosions
- ISO 13703 Offshore piping systems
- ISO 14224 Reliability and maintenance data (Rev)
- ISO 14692 GRP piping, Parts 1-4 (Rev)
- ISO 14693 Drilling equipment

- ISO 15138 Heating, ventilation and air-conditioning (Rev)
- ISO 15156 Cracking-resistant materials for use in H₂S environments, Parts 1-3
- ISO 15544 Emergency response
- ISO 15663 Life cycle costing, Parts 1-3
- ISO 16901 Risk assessment in the design of onshore LNG installations
- ISO 16903 Characteristics of LNG influencing design and material selection
- ISO 16904 LNG Marine Transfer Arms (New)
- ISO 17177 Unconventional LNG transfer systems
- ISO 17292 Metal ball valves
- ISO 17776 Major Accident hazard management during design (Rev)
- ISO 17781 Duplex stainless steel materials testing requirements (New)
- ISO 17782 Qualification of manufacturers of special materials (New)
- ISO 17945 Materials resistant to sulfide stress cracking
- ISO 17969 Guidelines on competency for personnel (Rev)
- ISO 18683 Systems and installations for supply of LNG as fuel to ships
- ISO 19008 Standard Cost Coding System (New)
- ISO 20815 Production assurance and reliability management
- ISO 21457 Materials selection
- ISO 23936-1 Thermoplastics
- ISO 23936-2 Elastomers
- ISO 27469 Method of test for offshore fire dampers
- ISO 29001 Sector-specific quality management systems

- ISO 10855 Offshore containers, Part 1-3 (New)
- ISO 18647 Modular drilling rigs for offshore fixed platforms (New)
- ISO 18797-1 Elastomeric coating of risers - polychloroprene or EPDM (New)
- ISO 19900 General requirements for offshore structures
- ISO 19901-1 Metocean design and operating considerations
- ISO 19901-2 Seismic design procedures and criteria (Rev)
- ISO 19901-3 Topsides structure
- ISO 19901-4 Geotechnical and foundation design (Rev)
- ISO 19901-5 Weight control (Rev)
- ISO 19901-6 Marine operations
- ISO 19901-8 Marine soil investigations
- ISO 19902 Fixed steel offshore structures
- ISO 19903 Fixed concrete offshore structures (Rev)
- ISO 19904-1 Monohulls, semi-submersibles and spars (Rev)
- ISO 19905-1 Site-specific assessment of jack-ups (Rev)
- ISO 19905-2 Jack-ups commentary
- ISO 19905-3 Site-specific assessment of floating units (New)
- ISO 19906 Arctic offshore structures
- ISO 35101 Arctic Operations – Working environment (New)
- ISO 35103 Arctic Operations – Environmental monitoring (New)
- ISO 35106 Arctic metocean, ice and seabed data (New)

- ISO 3977-5 Gas turbines – procurement
- ISO 10428 Sucker rods
- ISO 10431 Pumping unites
- ISO 10434 Bolted bonnet steel gate valves
- ISO 10436 Replaced by API Std 611
- ISO 10437 Special-purpose steam turbines
- ISO 10438 Lubrication, shaft-sealing and control-oil systems, Parts 1-4
- ISO 10439 Centrifugal compressors
- ISO 10440-1 Rotary-type positive-displacement process compressors (oil-free)
- ISO 10440-2 Rotary PD packaged air compressors
- ISO 10441 Flexible couplings – special
- ISO 10442 Integrally geared air compressors
- ISO 12211 Spiral plate heat exchangers
- ISO 12212 Hairpin heat exchangers
- ISO 13631 Reciprocating gas compressors
- ISO 13691 High speed enclosed gear units
- ISO 13704 Calculation of heater tube thickness
- ISO 13705 Fired heaters for general service
- ISO 13706 Air-cooled heat exchangers
- ISO 13707 Reciprocating compressors
- ISO 13709 Centrifugal pumps
- ISO 13710 Reciprocating positive displacement pumps
- ISO 14691 Flexible couplings – general
- ISO 15547 Heat exchangers, Parts 1-2
- ISO 15649 Piping

- ISO 15761 Steel valves DN 100 and smaller
- ISO 16812 Shell & tube heat exchangers
- ISO 16901 Risk assessment of onshore LNG installations
- ISO 16961 Internal coating and lining of steel storage tanks
- ISO 17177 Unconventional LNG transfer systems
- ISO 17292 Metal ball valves
- ISO 17348 Materials Selection in CO₂ Environment for casing, tubing and downhole equipments (New)
- ISO 17349 Streams containing high levels of CO₂ (New)
- ISO 18796-1 Internal coating and lining of process vessels (New)
- ISO 18624-1 Design and testing of LNG storage tanks
- ISO 20088-1 Resistance to cryogenic spillage of insulation materials – Liquid phase (New)
- ISO 21049 Centrifugal and rotary pumps shaft sealing
- ISO 23251 Replaced by API Std 521
- ISO 24817 Composite repairs for pipework (Rev)
- ISO 25457 Flares details
- ISO 27509 Compact flanged connections
- ISO 28300 Venting of storage tanks
- ISO 28460 LNG – Ship to shore interface

- ISO 13624 Marine drilling riser systems, Parts 1-2
- ISO 13625 Marine drilling riser couplings
- ISO 19901-7 Stationkeeping systems

- ISO 13628-1 Subsea production systems
- ISO 13628-2 Subsea flexible pipe systems
- ISO 13628-3 Subsea TFL pumpdown systems
- ISO 13628-4 Subsea wellhead and tree equipment
- ISO 13628-5 Subsea control umbilicals
- ISO 13628-6 Subsea production controls
- ISO 13628-7 Completion/workover riser system

- ISO 13628-8 ROT and interfaces
- ISO 13628-9 ROT intervention systems
- ISO 13628-10 Bonded flexible pipe
- ISO 13628-11 Flexible pipe systems for subsea and marine applications
- ISO 13628-15 Subsea structures and manifolds

- ISO 10400 Calculations for OCTG performance properties
- ISO 10405 Care/use of casing/tubing
- ISO 10407-1 Drill stem design
- ISO 10407-2 Inspection and classification of drill stem elements
- ISO 10414-1 Field testing of water-based fluids
- ISO 10414-2 Field testing of oil-based drilling fluids
- ISO 10416 Drilling fluids – lab testing
- ISO 10417 Subsurface safety valve systems
- ISO 10422 Replaced by API Spec 5B
- ISO 10424-1 Rotary drill stem elements
- ISO 10424-2 Threading and gauging of connections

- ISO 10426-1 Well cementing
- ISO 10426-2 Testing of well cements
- ISO 10426-3 Testing of deepwater well cement
- ISO 10426-4 Atmospheric foamed cement slurries
- ISO 10426-5 Shrinkage and expansion of well cement
- ISO 10426-6 Static gel strength of cement formulations
- ISO 10427-1 Bow spring casing centralizers
- ISO 10427-2 Centralizer placement and stop-collar testing
- ISO 10427-3 Performance testing of cement float equipment
- ISO 10432 Subsurface safety valves
- ISO 10433 Replaced by API Spec 6AV1

- ISO 11960 Casing and tubing for wells
- ISO 11961 Drill pipe
- ISO 12835 Qualification of casing connections for thermal wells
- ISO 13085 Tubing aluminium alloy pipes
- ISO 13500 Drilling fluids
- ISO 13501 Drilling fluids – processing systems evaluation
- ISO 13503-1 Measurement of viscous properties of completion fluids
- ISO 13503-2 Measurement of properties of proppants
- ISO 13503-3 Testing of heavy brines
- ISO 13503-4 Measurement of stimulation & gravelpack fluid leakoff
- ISO 13503-5 Measurement of long term conductivity of proppants
- ISO 13503-6 Measuring leak-off of completion fluids under dynamic conditions
- ISO 13678 Thread compounds
- ISO 13679 Casing and tubing connections testing
- ISO 13680 CRA seamless tubes for casing & tubing
- ISO 14310 Packers and bridge plugs

- ISO 14998 Accessory completion equipment
- ISO 15136 Progressing cavity pump systems, Parts 1-2
- ISO 15463 Field inspection of new casing, tubing and plain end drill pipe
- ISO 15464 Gauging and inspection of threads
- ISO 15551-1 Electric submersible pump systems for artificial lift
- ISO 15546 Aluminium alloy drill pipe
- ISO 16070 Lock mandrels and landing nipples
- ISO 16530-1 Well integrity life cycle governance manual (New)
- ISO 16530-2 Well integrity operational phase
- ISO 17078-1 Side-pocket mandrels
- ISO 17078-2 Flow control devices for side-pocket mandrels
- ISO 17078-3 Latches & seals for side-pocket mandrels & flow control devices
- ISO 17078-4 Side-pocket mandrels and related equipment
- ISO 17824 Sand control screens
- ISO 20312 Design of aluminium drill string
- ISO 27627 Aluminium alloy drill pipe thread gauging
- ISO 28781 Subsurface tubing mounted formation barriers

- ISO 3183 Steel pipe for pipeline transportation systems (Amd)
- ISO 12490 Actuation, mechanical integrity and sizing for pipeline valves
- ISO 12736 Wet thermal insulation coatings
- ISO 12747 Pipeline life extension
- ISO 13623 Pipeline transportation systems (Rev)
- ISO 13847 Welding of pipelines
- ISO 14313 Pipeline valves
- ISO 14723 Subsea pipeline valves
- ISO 15589-1 Cathodic protection of on-land pipelines
- ISO 15589-2 Cathodic protection for offshore pipelines
- ISO 15590-1 Pipeline induction bends
- ISO 15590-2 Pipeline fittings
- ISO 15590-3 Pipeline flanges

- ISO 16440 Steel cased pipelines (New)
- ISO 16708 Pipeline reliability-based limit state design
- ISO 19345-1 Life cycle integrity management for onshore pipeline
- ISO 21329 Test procedures for pipeline mechanical connectors
- ISO 21809-1 Polyolefin coatings (3-layer PE and 3-layer PP)
- ISO 21809-2 Fusion-bonded epoxy coatings
- ISO 21809-3 Field joint coatings (Rev)
- ISO 21809-4 Polyethylene coatings (2-layer PE)
- ISO 21809-5 External concrete coatings (Rev)



Standards in purple issued in 2016
Standards in blue are a priority for 2017 issue

These ISO standards, TR and TS (abbreviated titles) are only a core collection of several hundreds of standards available for the oil & gas industry from ABNT, ANSI, API, AS, BSI, CSA, NORSOK, NF, GOST, SAC etc. Some ISO/TC67 standards have been withdrawn and the relevant API standard is referenced above