

# ISO Standards for use in the oil & gas industry

- ISO 10418 Basic surface safety systems
- ISO 10423 Wellhead & christmas tree equipment
- ISO/TR 12489 Reliability modeling/safety systems (New)
- ISO 13533 Drill-through equipment (BOPs)
- ISO 13534 Hoisting equipment - care/maint
- ISO 13535 Hoisting equipment - specification
- ISO 13626 Drilling and well-servicing structures
- ISO 13702 Control & mitigation of fire & explosion
- ISO 13703 Offshore piping systems
- ISO 14224 Reliability/maintenance data
- ISO 14692 GRP piping, Parts 1-4
- ISO 14693 Drilling equipment

- ISO 15156-1 Selection of cracking resistant materials for use in H<sub>2</sub>S environments
- ISO 15156-2 Cracking-resistant steels and cast irons for use in H<sub>2</sub>S environments
- ISO 15156-3 Cracking-resistant alloys for use in H<sub>2</sub>S environments
- ISO 15138 HVAC
- ISO 15544 Emergency response
- ISO 15663 Life cycle costing, Parts 1-3
- ISO 17776 Assessment of hazardous situations
- ISO 20815 Production assurance and reliability management
- ISO 21457 Materials selection
- ISO 23936-1 Thermoplastics
- ISO 23936-2 Elastomers (New)
- ISO/TS 27469 Method of test for offshore fire dampers
- ISO/TS 29001 Sector-specific quality management systems

- ISO 3977-5 Gas turbines – procurement
- ISO 10428 Sucker rods
- ISO 10431 Pumping unites
- ISO 10434 Bolted bonnet steel gate valves
- ISO 10437 Special-purpose steam turbines (Rev)
- 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 (New)
- ISO 12212 Hairpin heat exchangers (New)
- 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 (Rev)
- 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 15547-1 Plate & frame type heat exchangers
- ISO 15547-2 Braze aluminium platefin type heat exchangers
- ISO 15649 Piping
- ISO 15761 Steel valves DN 100 and smaller
- ISO 16812 Shell & tube heat exchangers
- ISO/TS 16901 Risk assessment of onshore LNG installations (New)
- ISO 17292 Metal ball valves
- ISO 21049 Centrifugal and rotary pumps shaft sealing
- ISO 23251 Pressure-relieving and depressuring systems
- ISO/TS 24817 Composite repair of pipework
- ISO 25457 Flares details
- ISO 27509 Compact flanged connections (New)
- ISO 28300 Venting of storage tanks
- ISO 28460 LNG - Ship to shore interface

- ISO 13624-1 Marine drilling riser systems
- ISO/TR 13624-2 Marine drilling riser system analysis
- ISO 13625 Marine drilling riser couplings
- ISO 19901-7 Station-keeping systems for floating offshore structures (Rev)
- ISO 19904-1 Floating offshore structures

- ISO 19900 Offshore structures - general requirements (Rev)
- ISO 19901-1 Metocean design and operating considerations
- ISO 19901-2 Seismic design
- ISO 19901-3 Topsides structure
- ISO 19901-4 Geotechnical and foundation design
- ISO 19901-5 Weight control
- ISO 19901-6 Marine operations
- ISO 19902 Fixed steel offshore structures (Amd)
- ISO 19903 Fixed concrete offshore structures
- ISO 19905-1 Jack-ups (New)
- ISO/TR 19905-2 Jack-ups commentary (New)
- ISO 19906 Arctic offshore structures

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

- ISO 15590-1 Pipeline induction bends
- ISO 15590-2 Pipeline fittings
- ISO 15590-3 Pipeline flanges
- ISO 16708 Pipeline reliability-based limit state design
- 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
- ISO 21809-4 Polyethylene coatings (2-layer PE)
- ISO 21809-5 External concrete coatings

- ISO 13628-1 Subsea production systems (Amd)
- 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 10432 Subsurface safety valves
- ISO 11960 Casing and tubing
- ISO 11961 Drill pipe
- ISO 13085 Tubing aluminium alloy pipes (New)
- ISO 13500 Drilling fluids (Amd)
- 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 leakage
- ISO 13503-5 Measurement of long term conductivity of proppants
- ISO 13503-6 Measuring leak-off of completion fluids under dynamic conditions (New)
- 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 (New)
- ISO 15136-1 Progressing cavity pump systems
- ISO 15136-2 Progressing cavity pump systems - drive heads
- ISO 15463 Field inspection of new casing, tubing and plain end drill pipe
- ISO 15464 Gauging and inspection of threads
- ISO 15546 Aluminium alloy drill pipe
- ISO 16070 Lock mandrels and landing nipples
- ISO/TS 16530-2 Well integrity operational phase (New)
- ISO 17078-1 Side-pocket mandrels (Amd)
- 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 drill pipe thread gauging (New)
- ISO 28781 Subsurface tubing mounted formation barriers

- ISO/TR 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 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 Preparation and testing of 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



Standards in **brown** issued in 2012

Standards in **green** are a priority for 2013 issue

These ISO standards are only a core collection of several hundreds of International Standards available for the oil & gas industry