

ISO Standards for use in the oil & gas industry

ISO 10418 Basic surface safety systems
 ISO 10423 Wellhead & christmas tree equipment
 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 H₂S environments
 ISO 15156-2 Cracking-resistant steels and cast irons for use in H₂S environments
 ISO 15156-3 Cracking-resistant alloys for use in H₂S 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 (New)**
 ISO 23936-1 Thermoplastics
 ISO 23936-2 **Elastomers (New)**
 ISO/TS 27469 **Method of test for offshore fire dampers (New)**
 ISO/TS 29001 **Sector-specific quality management systems (Rev)**

ISO 3977-5 Gas turbines – procurement
 ISO 10428 Sucker rods
 ISO 10431 Pumping units
 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 **Harpin 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
 ISO 13706 **Air-cooled heat exchangers (Rev)**
 ISO 13707 Reciprocating compressors
 ISO 13709 Centrifugal pumps
 ISO 13710 **Reciprocating positive displacement pumps (Rev)**

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 17292 Metal ball valves
 ISO 21049 **Centrifugal and rotary pumps shaft sealing (Rev)**
 ISO 23251 Pressure-relieving and depressuring systems
 ISO/TS 24817 Composite repair of pipework
 ISO 25457 Flares details
 ISO 28300 Venting of storage tanks
 ISO 28460 **LNG - Ship to shore interface (New)**

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 (Amd)**
 ISO 19904-1 Floating offshore structures

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

ISO 3183 Steel pipe for pipeline transportation systems
 ISO 12490 **Actuation, mechanical integrity and sizing for pipeline valves (New)**
 ISO/TS 12747 **Pipeline life extension (New)**
 ISO 13623 Pipeline transportation systems
 ISO 13847 Pipeline welding
 ISO 14313 Pipeline valves
 ISO 14723 Subsea pipeline valves
 ISO 15589-1 Cathodic protection for on-land pipelines
 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) (New)
 ISO 21809-2 Fusion-bonded epoxy coatings
 ISO 21809-3 **Field joint coatings (Amd)**
 ISO 21809-4 Polyethylene coatings (2-layer PE)
 ISO 21809-5 **External concrete coatings (New)**

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 (Rev)**
 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 (Rev)**

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 (New)**
 ISO 13628-16 **Spec for flexible pipe ancillary equipment (New)**
 ISO 13628-17 **RP for flexible pipe ancillary equipment (New)**

ISO 10427-2 Centralizer placement and stop-collar testing
 ISO 10427-3 Performance testing of cement float equipment
 ISO 10432 Subsurface safety valves
 ISO 11960 **Casing and tubing (Rev)**
 ISO 11961 Drill pipe
 ISO 13085 **Tubing aluminium alloy pipes (New)**
 ISO 13500 **Drilling fluids (Amd)**
 ISO 13501 **Drilling fluids - processing systems evaluation (Rev)**
 ISO 13503-1 **Measurement of viscous properties of completion fluids (Rev)**
 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 13678 **Thread compounds (Rev)**
 ISO 13679 **Casing and tubing connections testing (Rev)**
 ISO 13680 **CRA seamless tubes for casing and tubing (Rev)**

ISO 14310 Packers and bridge plugs
 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 (Rev)**
 ISO 16070 Lock mandrels and landing nipples
 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 (New)**
 ISO 17824 Sand control screens
 ISO 20312 **Design of aluminium drill string (New)**
 ISO 27627 **Aluminium drill pipe thread gauging (New)**
 ISO 28781 **Subsurface tubing mounted formation barriers (New)**

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 (Rev)**
 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 (Rev)**
 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



Standards in **brown** issued in 2010

Standards in **green** are a priority for 2011 issue

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