

# ISO Standards for the oil & gas industry

ISO 13879  
ISO 13880  
ISO 13881  
ISO 14224  
ISO 15156-1  
ISO 15156-2  
ISO 15156-3  
ISO 15663-1  
ISO 15663-2  
  
ISO 15663-3  
ISO/TS 29001

Content & drafting of a functional specification  
Content & drafting of a technical specification  
Classification & conformity assessment of products, processes & services  
**Reliability/maintenance data (Rev)**  
Selection of cracking resistant materials for use in H2S environments  
Cracking-resistant steels and cast irons for use in H2S environments  
Cracking-resistant alloys for use in H2S environments  
Life cycle costing: methodology  
Life cycle costing:  
guidance on application of methodology & calculating methods  
Life cycle costing: implementation guidelines  
Sector-specific quality management system

ISO 10405  
ISO 11960  
ISO 11961  
ISO 13678  
  
ISO 13679  
ISO 13680  
  
ISO 15463  
ISO 15546

Care & use of casing & tubing  
Steel pipes for use as casing or tubing for wells (Rev)  
Steel pipes for use as drill pipe - specification  
Evaluation & testing of thread compounds  
for use with casing, tubing & line pipe  
Connection testing  
Corrosion resistant alloy (CRA) seamless tubes  
for use as casing, tubing & coupling stock  
Field inspection of new casing, tubing & plain end drill pipe  
Aluminium alloy drill pipe

ISO 3977-5  
ISO 10437  
ISO 10438-1  
  
ISO 10438-2  
  
ISO 10438-3  
  
ISO 10438-4  
  
ISO 10439  
**ISO 10440-1**  
ISO 10440-2  
ISO 10441  
ISO 10442  
ISO 13631  
ISO 13691  
ISO 13707  
ISO 13709  
ISO 13710  
ISO 14691  
ISO 21049

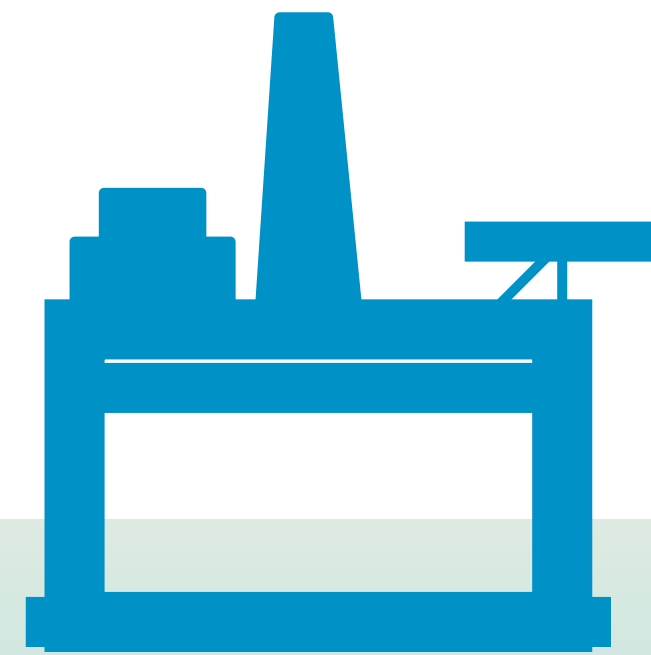
Gas turbines - procurement  
Special-purpose steam turbines  
Lubrication, shaft-sealing & control-oil systems & auxiliaries:  
general requirements  
Lubrication, shaft-sealing & control-oil systems & auxiliaries:  
special purpose oil systems  
Lubrication, shaft-sealing & control-oil systems & auxiliaries:  
general purpose oil systems  
Lubrication, shaft-sealing & control-oil systems & auxiliaries:  
Self-acting gas seal support systems  
Centrifugal compressors  
**Rotary PD process compressors (Rev)**  
Rotary PD packaged air compressors  
Flexible couplings - special  
Integrally-gear air compressors  
Reciprocating gas compressors  
High speed enclosed gear units  
Reciprocating compressors  
Centrifugal pumps  
Reciprocating positive displacement pumps  
Flexible couplings - general  
Centrifugal & rotary pumps shaft sealing

ISO 10434  
ISO 13703  
ISO 13704  
**ISO 13705**  
**ISO 13706**  
ISO 14692-1  
ISO 14692-2  
ISO 14692-3  
ISO 14692-4  
**ISO 15547-1**  
**ISO 15547-2**  
ISO 15649  
ISO 15761  
**ISO 16812**  
ISO 17292

Bolted bonnet steel gate valves (Rev)  
Offshore piping systems  
Calculation heat tube thickness  
**Fired heaters for general service (Rev)**  
**Air-cooled heat exchangers (Rev)**  
GRP piping: vocabulary, symbols, applications & materials  
GRP piping: qualification & manufacture  
GRP piping: system design  
GRP piping: fabrication, installation & operation  
**Plate & frame-type heat exchangers (Rev)**  
**Brazed aluminium platefin-type heat exchangers**  
Piping  
Steel gate, globe & check valves for DN 100 & smaller  
**Shell & tube heat exchangers (Rev)**  
Metal ball valves

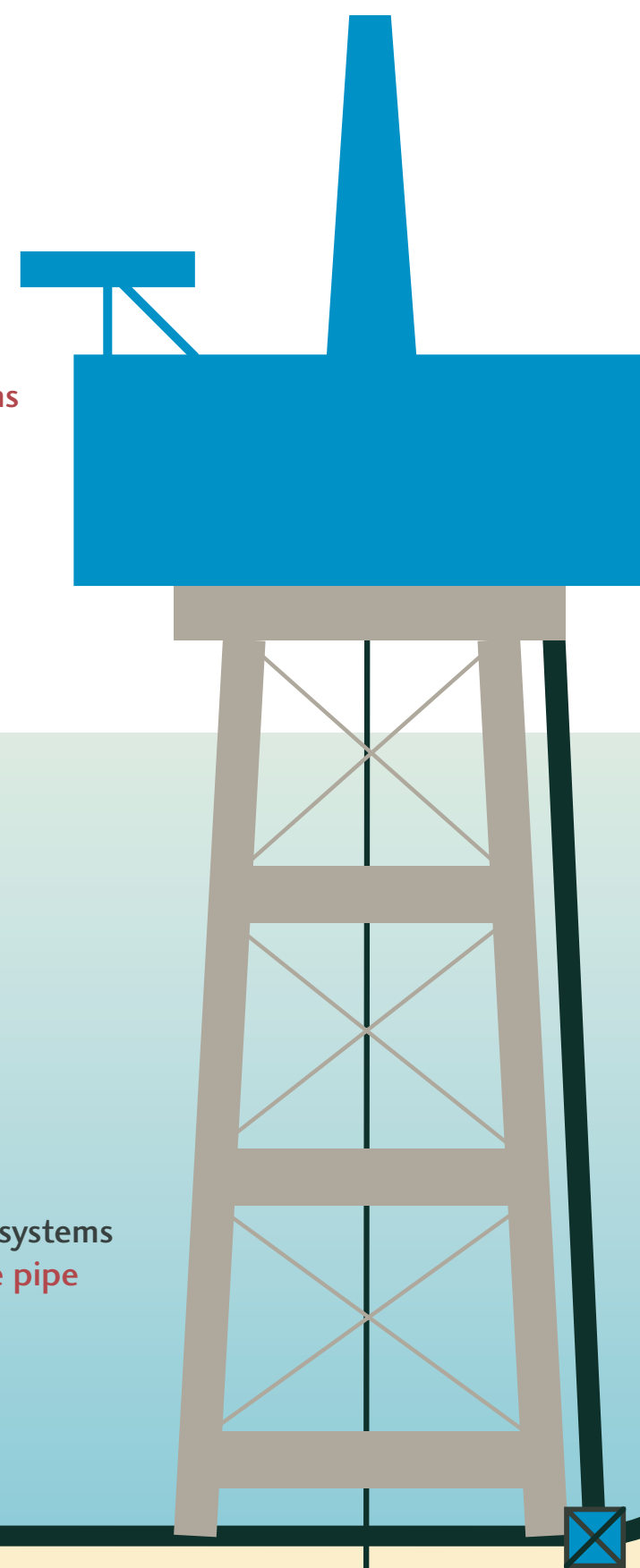
ISO 10418  
ISO 13702  
ISO 15138  
ISO 15544  
ISO 17776

Basic surface safety systems  
Control & mitigation of fire & explosion  
HVAC offshore  
Emergency response  
Assessment of hazardous situations



ISO 13819-2  
ISO 19900  
**ISO 19901-1**  
**ISO 19901-2**  
ISO 19901-4  
ISO 19901-5  
**ISO 19901-7**  
ISO 19902  
ISO 19903  
ISO 19904-1

Fixed steel offshore structures  
Offshore structures - general requirements  
**Metoccean design & operating considerations**  
**Seismic design**  
Geotechnical & foundation design  
Weight control  
**Stationkeeping systems**  
**Fixed steel offshore structures**  
**Fixed concrete offshore structures**  
**Floating offshore structures**



**ISO 13628-1**  
ISO 13628-2  
ISO 13628-3  
ISO 13628-4  
ISO 13628-5

**Subsea production systems: general requirements & recommendations (Rev)**  
**Subsea production systems: flexible pipe systems (Rev)**  
Subsea production systems:  
through flowline (TFL) systems  
Subsea production systems:  
**subsea wellhead & christmas trees (Rev)**  
Subsea production systems: subsea umbilicals

ISO 13628-6  
**ISO 13628-7**  
ISO 13628-8  
ISO 13628-9  
**ISO 13628-10**  
**ISO 13628-11**

**Subsea production systems: subsea production control systems (Rev)**  
**Subsea production systems: workover/completion riser systems**  
Subsea production systems:  
remotely operated vehicle (ROV) interfaces  
Subsea production systems:  
remotely operated tool (ROT) intervention systems  
**Subsea production systems: bonded flexible pipe**  
**Subsea production systems: flexible pipe systems for subsea & marine riser applications**

ISO 10417 Subsurface safety valve systems (Rev)  
ISO 10423 Wellhead & christmas tree equipment  
ISO 10424-1 Rotary drilling equipment  
ISO 10424-2 Threading, gauging and testing of rotary connections  
ISO 10432 Subsurface safety valves (Rev)  
ISO 13533 Drill-through equipment (BOPs)  
ISO 13534 Hoisting equipment - care/maint  
ISO 13535 Hoisting equipment - specification  
ISO 13625 Marine drilling riser couplings  
ISO 13626 Drilling and well-servicing structures  
ISO 14310 Packers and bridge plugs  
ISO 14693 Drilling equipment  
ISO 15136-1 Progressing cavity pump systems  
ISO 15136-2 Drive heads  
ISO 16070 Lock mandrels and landing nipples (Rev)  
ISO 16389 Dynamic production risers  
ISO 17078-1 Side-pocket mandrels

ISO 3183  
ISO 13623  
ISO 13847  
ISO 14313  
ISO 14723  
ISO 15589-1  
ISO 15589-2  
ISO 15590-1  
ISO 15590-2  
ISO 15590-3  
**ISO 16708**  
ISO 21329

Steel pipe for pipeline - transportation systems  
Pipeline transportation systems  
Pipeline welding  
Pipeline valves  
Subsea pipeline valves  
Cathodic protection for on-land pipelines  
Cathodic protection for offshore pipelines  
Pipeline induction bends  
Pipeline fittings  
Pipeline flanges  
**Pipeline reliability-based limit state design**  
Test procedures for pipeline mechanical connectors

ISO 10414-1  
ISO 10414-2  
ISO 10426-1  
ISO 10426-2  
  
ISO 10426-3  
  
ISO 10426-4  
  
ISO 10426-5  
  
ISO 10427-1  
ISO 10427-2

Field testing of drilling fluids: water-based fluids  
Field testing of drilling fluids: oil-based fluids  
Cements & materials for well cementing: specification  
Cements & materials for well cementing:  
testing of well cements  
Cements & materials for well cementing:  
testing of deep-water well cement formulations  
Cements & materials for well cementing:  
preparation & testing of atmospheric foam cement slurries at atmospheric pressure  
Cements & materials for well cementing:  
shrinkage & expansion of well cement  
Equipment for well cementing:  
bow spring casing centralizers  
Equipment for well cementing:  
centralizer placement & stop-collar testing

ISO 10427-3  
**ISO 13500**  
**ISO 13501**  
ISO 13503-1  
ISO 13503-2  
ISO 13503-3  
**ISO 13503-4**  
**ISO 13503-5**

Equipment for well cementing:  
performance testing of cement float equipment  
**Drilling fluid materials - specifications & tests (Rev)**  
**Drilling fluids**  
Completion fluids & materials:  
measurement of viscous properties of completion fluids  
Completion fluids & materials:  
measurement of properties of proppants  
Completion fluids & materials:  
testing of heavy brines  
**Completion fluids & materials: measuring stimulation & gravelpack fluid leakoff**  
**Completion fluids & materials: measuring long-term conductivity of proppants**

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Standards in **brown** issued or revised in 2005  
Standards in **green** are a priority for 2006 issue  
Many of these standards are adopted by API, CEN  
and other recognised standards bodies  
(Rev) = Revision