ISO Standards for use in the oil & gas industry

SO 3250 Calculation and reporting production efficiency in the operating phase	ISO 15138 Heating, ventilation and air-conditioning ISO 15156 Cracking-resistant materials for use in H2S environments				ISO 3977-5 Gas turbines – procurement ISO 6368 Compressors - dry gas sealing systems (New)	ISO 15761	
3421 Offshore drilling conductor (New)	ISO 15544 Emergency response				ISO 6368 Compressors - dry gas sealing systems (New) ISO 10428 Sucker rods	ISO 16812 ISO 16901	
5124 LNG railcar applications (New)	ISO 15663 Life cycle costing, Parts 1–3 (Rev)				ISO 10420 Sucker rous ISO 10431 Pumping unites	ISO 16961	Internal coating and lining of steel storage tanks (Rev)
6398-1 Submersible linear motors (New)	ISO 16901 Risk assessment in the design of onshore	li de la companya de	SO 10855-1 Offshore containers design, manufacture an		ISO 10434 Bolted bonnet steel gate valves	ISO 17177	Unconventional LNG transfer systems
10418 Process safety systems	LNG installations (Rev)	I I	SO 10855-2 Offshore containers lifting sets	IS	ISO 10436 Replaced by API Std 611	ISO 17292	
10419 Replaced by API Spec 6AV2	ISO 16903 Characteristics of LNG influencing design and material selection		SO 10855-3 Offshore containers periodic inspection	IS	ISO 10437 Special-purpose steam turbines	ISO 17348	S, C
10423 Wellhead & christmas tree equipment (Rev)*	ISO 16904 LNG Marine Transfer Arms		SO 18647 Modular drilling rigs		ISO 10438 Lubrication, shaft-sealing and control-oil system	s, Parts 1–4	downhole equipments
12489 Reliability modelling/safety systems	ISO 17177 Unconventional LNG transfer systems		SO18797-1 Elastomeric coating of risers - polychloropre SO18797-2 EPDM Maintenance and field repair (New)		ISO 10439 Centrifugal compressors	ISO 17349 ISO 18624	5 5
13354 Shallow gas diverter equipment 13533 Drill-through equipment (BOPs)	ISO 17292 Metal ball valves		SO 18797-2 EPDM Maintenance and field repair (New) SO 19900 General requirements for offshore structure		ISO 10440-1 Rotary-type positive-displacement process con		1 Internal coating and lining of process vessels
13534 Hoisting equipment – care/maintenance	ISO 17776 Major Accident hazard management during design		SO 19901-1 Metocean design and operating consideration		ISO 10440-2 Rotary PD packaged air compressors ISO 10441 Flexible couplings – special		1 Resistance to cryogenic spillage of insulation materials
13535 Hoisting equipment – specification	ISO 17781 Duplex stainless steel materials testing ISO 17782 Qualification of manufacturers of special materials		SO 19901-2 Seismic design procedures and criteria (Rev)	١.	ISO 10442 Integrally geared air compressors		- Liquid phase
13626 Drilling and well-servicing structures	ISO 17782 Qualification of manufacturers of special materials ISO 17945 Materials resistant to sulfide stress cracking		SO 19901-3 Topsides structure (Rev)		ISO 12211 Spiral plate heat exchangers	ISO 20088-	,
13702 Control and mitigation of fires and explosions	ISO 17949 Guidelines on competency for personnel		SO 19901-4 Geotechnical and foundation design (Rev)		ISO 12212 Hairpin heat exchangers	100 20000	- Vapor phase
13703 Offshore piping systems (Rev)	ISO 18683 Systems and installations for supply of LNG as fuel to ships (Rev)		SO 19901-5 Weight control (Rev)	IS	ISO 13631 Reciprocating gas compressors	ISO 20088- ISO 20257-	, , , ,
14224 Reliability and maintenance data	ISO 19008 Standard Cost Coding System		SO 19901-6 Marine operations SO 19901-8 Marine soil investigations (Rev)		ISO 13691 High speed enclosed gear units	ISO 20257-	,
0 14692-1 GRP piping vocabulary, symbols, applications	ISO 19277 Qualification testing for coating under insulation	· · · · · · · · · · · · · · · · · · ·	SO 19901-9 Structural Integrity Management		ISO 13704 Calculation of heater tube thickness (Rev)	ISO 21049	
and materials	ISO 20321 Powered elevators		SO 19901-10 Marine geophysical investigations (New)		ISO 13705 Fired heaters for general service	ISO 23251	Pressure relieving and depressuring systems
D 14692-2 GRP piping qualification and manufacture D 14692-3 GRP piping system design	ISO 20815 Production assurance and reliability management		SO 19902 Fixed steel offshore structures		ISO 13706 Air-cooled heat exchangers ISO 13707 Reciprocating compressors	ISO 24817	
2 14692-4 GRP piping system design	ISO 21457 Materials selection		SO 19903 Fixed concrete offshore structures		ISO 13707 Reciprocating compressors ISO 13709 Centrifugal pumps	ISO 25457	
D 14693 Drilling equipment	ISO 23936- 1 Thermoplastics (Rev)	La contraction de la	SO 19904-1 Monohulls, semi-submersibles and spars		ISO 13710 Reciprocating positive displacement pumps	ISO 27509 ISO 28300	. 0
	ISO 23936- 2 Elastomers		SO 19905-1 Site-specific assessment of jack-ups (Rev)		ISO 14691 Flexible couplings – general	ISO 28460	0 0 1 7
	ISO 27469 Method of test for offshore fire dampers		SO 19905-2 Jack-ups commentary	IS	ISO 15547 Heat exchangers, Parts 1-2	150 20400	ENG Ship to shore interface
	ISO 29001 Sector-specific quality management systems		SO 19905-3 Site-specific assessment of mobile offshore u SO 19906 Arctic offshore structure	units (Rev)	ISO 15649 Piping		
			SO 35101 Arctic Working environment				
			SO 35102 Arctic Operations Escape, evacuation and re	rescue			
	ISO 13624 Marine drilling riser systems, Parts 1-2	1	SO 35103 Arctic Environmental monitoring				
	ISO 13625 Marine drilling riser couplings		SO 35104 Arctic operations - Ice management				
	ISO 19901-7 Stationkeeping systems		SO 35105 Arctic material				
			SO 35106 Arctic metocean, ice and seabed data				
					ISO 15589-1 Cathodic protection of on	land pipelines	ISO 21809-2 Fusion-bonded epoxy coatings (Rev) ISO
					ISO 15589-2 Cathodic protection for off		21809-3 Pipeline field joint coatings (Rev)
					ISO 15590-1 Pipeline induction bend	S	ISO 21809-4 Polyethylene coatings (2-layer PE)
		X I			ISO 15590-2 Pipeline fittings (Rev)		ISO 21809-5 Pipeline external concrete coatings (Rev)
					ISO 15590-3 Pipeline flanges (Rev)*		ISO 21809-11 Pipeline Coating repairs
					ISO 15590-4 Pipeline factory cold be	nd	ISO 21857 Corsion prevention of pipeline systems
					ISO 16440 Steel cased pipelines	I limite state of a sing	by stray currents (New) ISO 22504 Pig-trap (New)
					ISO 16708 Pipeline reliability-base ISO 19345- 1 Full-life cycle integrity n	_	ISO 22974 Pipeline integrity (New)
					onshore pipeline	ianagement for	ISO 24139-1 Clad bends (New)
ISO 13628-1 Subsea production systems	ISO 13628-9 ROT intervention systems	X			ISO 19345- 2 Full-life cycle integrity n	nanagement	ISO 24139-2 Clad fittings (New)
ISO 13628-2 Subsea flexible pipe systems	ISO 13628-10 Bonded flexible pipe				for offshore pipeline	0	ISO 24177 Internal coatings for corrosion protection (Nev
ISO 13628-3 Subsea TFL pumpdown systems	ISO 13628-11 Flexible pipe systems for subsea and marine applications				ISO 20074 Geological hazards risk	management of pipelines	ISO 24200 Pipe support (New) ISO 24202 Monorail beam and padeye (New)
ISO 13628-4 Subsea wellhead and tree equipment	ISO 13628-15 Subsea structures and manifolds	×			ISO 21329 Test procedures for pip	eline mechanical	ISO 24565 Ceramic lined tubing (New)*
ISO 13628-5 Subsea control umbilicals					connectors (Rev)		150 2 1505 CETATING MICE CASHING (TVENT)
ISO 13628-6 Subsea production controls ISO 13628-7 Completion/workover riser system					ISO 21809-1 Polyolefin coatings (3-la	yer PE and 3-layer PP)	
ISO 13628-8 ROT and interfaces		ISO 13500 Drilling fluids					
ISS 15525 S THE FAMILY INCOMESSES		ISO 13501 Drilling fluids –	processing systems evaluation	ISO 16070 Lock mandre	rels and landing nipples		
			of viscous properties of completion fluids	ISO 16530-1 Well integrit	ity manual		
		ISO 13503-2 Measurement		ISO 17078-1 Side-pocket			
		ISO 13503-3 Testing of hea			ol devices for side-pocket mandrels		
					eals for side-pocket mandrels & flow control devices		
ISO 10400 Calculations for OCTG performance properties	ISO 10426-3 Testing of deepwater well cement			ISO 17078-4 Side-pocket	t mandrels and related equipment		
ISO 10405 Care/use of casing/tubing	ISO 10426-4 Atmospheric foamed cement slurries	dynamic cond	•		luminium drill string		
ISO 10407-1 Drill stem design	ISO 10426-5 Shrinkage and expansion of well cement ISO 10426-6 Static gel strength of cement formulations	ISO 13678 Thread comp			alloy drill pipe thread gauging	Standards	in purple* issued in 2021
ISO 10407-2 Inspection and classification of drill stem elements ISO 10414-1 Field testing of water-based fluids	ISO 10426-6 Static get strength of cement formulations ISO 10427-1 Bow spring casing centralizers	ISO 13679 Casing and tu			tubing mounted formation barriers		
ISO 10414-1 Field testing of water-based indids	ISO 10427-2 Centralizer placement and stop-collar testing	ISO 13680 CRA seamless		ISO 3183 Steel pipe fo	for pipeline transportation systems	Standards	in blue are a priority for 2022 iss
ISO 10416 Drilling fluids—lab testing	ISO 10427-3 Performance testing of cement float equipment	ISO 14310 Packers and b			mechanical integrity and sizing for pipeline valves	* already publish	ed in 2022 (reference date 2022-04-26).
ISO 10417 Subsurface safety valve systems	ISO 10432 Subsurface safety valves				nal insulation coatings (Rev)	′ '	S (abbreviated titles) are only a core collection of seve
ISO 10422 Replaced by API Spec 5B	ISO 10433 Replaced by API Spec 6AV1				e extension (Rev)		ilable for the oil & gas industry from ABNT, ANSI, API,
ISO 10424-1 Rotary drill stem elements	ISO 11960 Casing and tubing for wells	• ISO 15403 FIEID INSPECTI	on of new casing, tubing	20 12072 Libellue ft.gt	ansportation systems (Amd)		SAC etc. Some ISO/TC67 standards have been withdra

ISO 15464 Gauging and inspection of threads

ISO 15546 Aluminium alloy drill pipe

ISO 15551-1 Electric submersible pump systems for artificial lift (Rev)

ISO 10426-2 Testing of well cements (Rev)

ISO 10426-1 Well cementing

ISO 10424-2 Threading and gauging of connections

Drill pipe

Tubing aluminium alloy pipes

ISO 13085

Qualification of casing connections for thermal wells (Rev)*

ISO 13847 Welding of pipelines

ISO 14723 Subsea pipeline valves

ISO 14313 Pipeline valves

and the relevant API standard is referenced above

BSI, CSA, NORSOK, NF, GOST, SAC etc. Some ISO/TC67 standards have been withdrawn