

GLOBAL STANDARDS USED LOCALLY WORLDWIDE
ISO – CEN – API (rev 7)



CEN TC12

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PRESENTATION OF THE LIST

The vision of the Petroleum and Natural Gas Industries is to get their own use:

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The purpose of the following list is to show where we are in this vision at the time of issue of this document.

The document will be revised from time to time (i.e. every 6 months) to show the further steps of the process.

The first part of the list concerns only ISO TC67 documents

ISO TC67 column:

The basis of the document is the ISO TC67 list of published documents, which are identically, published in the other arenas part of the vision i.e. the CEN (European Committee of Standardisation) and/or the API (American Petroleum Institute).

EN column:

It is important to note that the EN documents are also published as national documents in all the 28 other European countries within the 6-month of the publication as EN, which is a further step in our vision.

The mentioned documents are those which are technically identical to the corresponding ISO one; they were accepted in Europe either through the parallel vote procedure or by Unique Acceptance Procedure within the Vienna Agreement between CEN and ISO (ISO leader). All the documents are part of CEN TC12 work programme *except one which depends upon CEN TC 69*. Some of them have a different number in ISO and in CEN because, if the technical content is identical, their scope in Europe excludes the gas supplies industries; they nevertheless have in their title the reference to the ISO initial document with the mention :(modified).

The one which is issued by CEN TC69 concerns our activity, fits with our vision and in addition he is also adopted back in API.

Note that in the EN document the main body of the standard is identical to the ISO one, but regional(s) annexe(s) are added.

API column:

In this column are **only** indicated the API documents which have already been adopted back from the ISO standards and for which, in the title, you find both references, the API one with the number of the edition and the ISO one. You see that in the API catalogue both indications are mentioned. You may also see in that list for some of them the mention " ISO modified " which has been added according to some information; it indicates that some technical differences from the ISO document were included. Also note that all national adoptions are, by definition, American National Standards(ANS).

Three of the indicated documents in the API column are issued by another SDO (NACE) but concerns our activity, fit with our vision and are adopted in CEN TC12.

The second part of the list concerns documents from other ISO TCs

It consists of four documents which are issued by other ISO TCs but concern our activity and fits with our vision. The four are adopted in API and one is also adopted in CEN TC69.

Thanks to all those who helped me in the preparation of this list within the three arenas.

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ISO TC67	EN	API	TITLE
ISO 3977-5 : 2001	EN ISO 3977-5 : 2003		Gas turbines - Procurement - Part 5 : Applications for Petroleum and natural gas industries
ISO 10414-1 : 2001		API RP13B-1 3 rd edition (ISO modified)	P&NGI – Field testing of drilling fluids Part1: water-based fluids
ISO 10416 : 2002		API RP 13I 7 th edition (ISO modified)	P&NGI – Drilling fluids– Laboratory testing
ISO 10417 : 2004	EN ISO 10417 : 2004	API RP 14B 5 th edition	P&NGI – Subsurface safety valve systems - Design, installation, operation and redress
ISO 10418 : 2003	EN ISO 10418 : 2003		P&NGI - Offshore production installations – Analysis design, installation and testing of basic surface process safety systems
ISO 10423 : 2003 (2 nd edition)	EN ISO 10423 : 2004 (2 nd edition)	API Spec 6A 19 th edition (ISO modified)	P&NGI – Drilling and production equipment - Wellhead and christmas tree equipment
ISO 10424-1 : 2004	EN-ISO 10424-1 : 2004		P&NGI – Rotary drilling equipment – Part 1 : Specification for rotary drilling equipment
ISO 10426-1 : 2000 + Amdt 1 : 2002	EN ISO 10426-1 : 2000 + Amdt 1 : 2002	API Spec 10A 23 rd edition	P&NGI – Cements and materials for well cementing - Part 1: Specification)
ISO 10426-2 :2003 + Amdt 1 : 2005	EN ISO 10426-2 :2004 + Amdt 1 : 2005	API RP 10B-2 1 st edition	P&NGI – Cements and materials for well cementing – Part 2: Testing of well cement
ISO 10426-3 :2003	EN ISO 10426-3 :2004	API RP 10B-3 1 st edition	P&NGI – Cements and materials for well cementing – Part 3: Testing of deep water well cement formulation
ISO 10426-4 :2004	EN ISO 10426-4 :2004	API RP 10B-4 1 st edition	P&NGI – Cements and materials for well cementing – Part 4: Preparation and testing of atmospheric foam cement
ISO 10426-5 :2004	EN ISO 10426-5 :2005	API RP 10B-5 1 st edition	P&NGI – Cements and materials for well cementing – Part 5: Test methods for determination of shrinkage and expansion of well cement formulations at atmospheric pressure
ISO 10427-1 : 2001	EN ISO 10427-1: 2001	API Spec 10D 6 th edition	P&NGI - Casing centralizers - Part 1: Specifications for bow-spring casing centralizers
ISO 10427-2 : 2004	EN ISO 10427-2: 2004	API RP 10D-2 1 st edition	P&NGI – Equipment for well cementing - Part 2: Centralizers placement and stop-collar testing
ISO 10427-3 : 2003	EN ISO 10427-3: 2004	API RP 10F 3 rd edition	P&NGI – Equipment for well cementing - Part 3: Performance testing of cementing float equipment
ISO 10432 : 2004 (revision)	EN ISO 10432 : 2004 (in revision W1139)	API Spec 14A 10 th edition	P&NGI – Downhole equipment - Subsurface safety valve equipment

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ISO TC67	EN	API	TITLE
ISO 10434 : 2004	EN ISO 10434 : 2004 (CEN TC 69)	API Std 600 11 th edition (ISO modified)	Bolted bonnet steel gate valves for Petroleum, and natural, gas industries
ISO 10437 : 2003	EN ISO 10437 : 2003		Petroleum, petrochemical and natural gas industries – Steam turbine-Special purpose application
ISO 10438-1 : 2003 (in revision)	EN ISO 10438-1 : 2003 (in revision - WI 169)		Petroleum, petrochemical and natural gas industries – Lubrication, shaft sealing and control oil systems and auxiliaries Part 1 : General requirements
ISO 10438-2 : 2003 (in revision)	EN ISO 10438-2 : 2003 (in revision - WI 170)		Petroleum, petrochemical and natural gas industries – Lubrication, shaft sealing and control oil systems and auxiliaries Part 2 : Special purpose oil systems
ISO 10438-3 : 2003 (in revision)	EN ISO 10438-3 : 2003 (in revision - WI 171)		Petroleum, petrochemical and natural gas industries – Lubrication, shaft sealing and control oil systems and auxiliaries Part 3 : General purpose oil systems
ISO 10438-4 : 2003 (in revision)	EN ISO 10438-4 : 2003 (in revision - WI 172)		Petroleum, petrochemical and natural gas industries – Lubrication, shaft sealing and control oil systems and auxiliaries Part 4 : Self-acting gas seal support systems
ISO 10439 : 2002	EN ISO 10439 : 2002		Petroleum, chemical and gas service industries - Centrifugal compressors
ISO 10440-1: 2000 (in revision)	EN ISO 10440-1: 2000 (in revision - WI 142)		P&NGI - Rotary-type positive displacement compressors - Part 1 : Process compressors (oil free)
ISO 10440-2 : 2001	EN ISO 10440-2 : 2001		P&NGI - Rotary-type positive displacement compressors - Part 2 : packaged air compressors (oil free)
ISO 10441 : 1999 (in revision)	EN ISO 10441 : 1999 (in revision - WI 127)		P&NGI – Flexible couplings for mechanical power transmission - Special purpose applications
ISO 10442 : 2002	EN ISO 10442 : 2002		Petroleum, chemical and gas service industries - Packaged, integrally geared centrifugal air compressors
ISO 11960 : 2004 (3 rd edition)	EN ISO 11960 : 2004 (3 rd edition)	API Spec 5CT 8 th edition	P&NGI - Steel pipes for use as casing or tubing for wells
ISO 11961 : 1996 (in revision)	EN ISO 11961 : 1996 (in revision - WI 66)		P&NGI - Steel pipes for use as drill pipe – Specification
ISO 13500 : 1998 (in revision)	EN ISO 13500 : 1998 (in revision - WI 163)	API Spec 13A 16 th edition (ISO modified)	P&NGI - Drilling fluid materials - Specification and tests

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ISO TC67	EN	API	TITLE
ISO 13503-1 : 2003	EN ISO 13503-1 : 2005	API RP 13M 1 st edition	P&NGI – Completion fluids and materials – Part 1 : measurement of viscous properties of completion fluids
ISO 13503-3 : 2005	EN ISO 13503-3 : 2005		P&NGI – Completion fluids and materials – Part 3 : Testing of heavy brines
ISO 13533 : 2001	EN ISO 13533 : 2001	API Spec16A 3 rd edition (ISO modified)	P&NGI - Drilling and production equipment - Drill through equipment
ISO 13534 2000 (in revision)	EN ISO 13534 : 2000 (in revision - WI 186)	API RP 8B 7 th edition	P&NGI - Drilling and production equipment - Inspection, maintenance, repair and remanufacture of hoisting equipment.
ISO 13535 : 2000 (in revision)	EN ISO 13535 : 2000 (in revision - WI 187)	API Spec 8C 4 th edition (ISO modified)	P&NGI - Drilling and production equipment – Hoisting equipment
ISO 13623 : 2000	EN 14161 : 2003 (ISO 13623 modified)		P&NGI - Pipeline transportation systems
ISO 13625 : 2002	EN ISO 13625 : 2002		P&NGI - Drilling and production equipment – Marine drilling riser couplings
ISO 13626 : 2003	EN ISO 13626 : 2004		P&NGI - Drilling and production equipment – Specification for drilling and well servicing structures
ISO 13628-1 : 2005	EN ISO 13628-1 : 2005	API RP 17A 3 rd edition	P&NGI - Design and operation of subsea production systems - Part 1 : General requirements and recommendations
ISO 13628-2 : 2000 (in revision)	EN ISO 13628-2 : 2000 (in revision - WI 159)		P&NGI - Design and operation of subsea production systems - Part 2: Flexible pipe systems for subsea and marine applications
ISO 13628-3 : 2000	EN ISO 13628-3 : 2000	API RP 17C 2 nd edition	P&NGI - Design and operation of subsea production systems - Part 3: Through flowline (TFL) systems
ISO 13628-4 : 1999 (in revision)	EN ISO 13628-4 : 1999 (in revision - WI 160)		P&NGI - Design and operation of subsea production systems - Part 4 : Subsea wellhead and tree equipment
ISO 13628-5 : 2002		API Spec 17E 3 rd edition	P&NGI –Design and operation of subsea production systems – Part 5: subsea control umbilicals
ISO 13628-6 : 2000 (in revision)	(Wi 145)	API Spec 17F 1 st edition	P&NGI - Design and operation of subsea production systems - Part 6: Subsea production control systems
ISO 13628-8 : 2002		API RP 17H 1 st edition	P&NGI - Design and operation of subsea production systems - Part 8: Remotely operated vehicle (ROV) interfaces on subsea production systems.
ISO 13628-9 : 2000		API RP 17M 1 st edition	P&NGI - Design and operation of subsea production systems - Part 9: Remotely operated tool (ROT) intervention systems.
ISO 13631 : 2002	EN ISO 13631 : 2002		P&NGI - Packaged reciprocating gas compressors

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ISO TC67	EN	API	TITLE
ISO 13678 : 2000		API RP 5A3 2 nd edition	P&NGI- Evaluation and testing of thread compounds for use with casing, tubing and line pipe
ISO 13679 : 2002		API RP 5C5 3 rd edition	P&NGI – Procedures for testing casing, and tubing connections
ISO 13680 : 2001 (corrigendum)	EN ISO 13680 : 2001 (in revision - WI 150)		P&NGI - Corrosion resistant alloy seamless tubes for use as casing, tubing and coupling stock - Technical delivery conditions
ISO 13691 : 2001	EN ISO 13691 : 2002		P&NGI - High-speed special purpose gear units
ISO 13702 : 1999	EN ISO 13702 : 1999		P&NGI – Control and mitigation of fires and explosions on offshore installations – Requirements and guidelines
ISO 13703 : 2000 + corr.2002	EN ISO 13703 : 2000		P&NGI – Design and installation of piping systems on offshore production platforms
ISO 13704 : 2001	(WI 167)	API Std 530 5 th edition	P&NGI- Calculation of heater tube thickness in petroleum refineries
ISO 13705 : 2001 (in revision)	EN ISO 13705 : 2001 (in revision - WI 151)		P&NGI - Fired heaters for general refinery service
ISO 13706 : 2005 (2 nd edition)	EN ISO 13706 : 2005 (2 nd edition)	API Std 661 5 th edition	P&NGI – Air-cooled heat exchangers
ISO 13709 : 2003 (in revision)	EN ISO 13709 : 2003 (in revision - WI 182)	API Std 610 10 th edition	Centrifugal pumps for petroleum, heavy-duty chemical and gas services
ISO 13710 : 2004	EN ISO 13710 : 2004		Petroleum, petrochemical and natural gas industries -- Reciprocating positive displacement pumps
ISO 13847 : 2000	EN 14163 : 2001 (ISO 13847 modified)		P&NGI - Pipeline transportation systems - Welding of pipeline
ISO 14310 : 2001	EN ISO 14310 : 2001	API Spec 11D1 1 st edition	P&NGI - Downhole equipment - Packers and bridge plugs
ISO 14313 : 1999 (in revision)	EN 13942 : 2003 (ISO 14313 modified) (in revision - WI 188)	API Spec 6D 22 nd edition	P&NGI – Pipeline Transportation Systems – Pipeline valves
ISO 14691 : 1999 (in revision)	EN ISO 14691 : 2000 (in revision - WI 129)		P&NGI - Flexible couplings for mechanical power transmission - General purpose applications
ISO 14692-1 : 2002	EN ISO 14692-1 : 2002		P&NGI - Glass-reinforced plastics (GRP) piping - Part 1: Applications and materials
ISO 14692-2 : 2002	EN ISO 14692-2 : 2002		P&NGI - Glass-reinforced plastics (GRP) piping - Part 2 : Qualification and manufacture
ISO 14692-3 : 2002	EN ISO 14692-3 : 2002		P&NGI - Glass-reinforced plastics (GRP) piping - Part 3: System design
ISO 14692-4 : 2002	EN ISO 14692-4 : 2002		P&NGI - Glass-reinforced plastics (GRP) piping - Part 4: Fabrication, installation and operation

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ISO 14693 : 2003	EN ISO 14693 : 2003	API Spec 7K 4th edition	P&NGI – Drilling and well services equipment
ISO 14723 : 2001	EN ISO 14723 : 2001		P&NGI - Pipeline Transportation Systems - Subsea pipeline valves
ISO 15136-1: 2001	EN ISO 15136-1: 2001		Downhole equipment for petroleum and natural gas industries - Progressing cavity pumps systems for artificial lift - Part 1 : Pumps
ISO 15138 : 2000 (in revision)	EN ISO 15138 : 2000 (in revision - WI 178)		P&NGI –Offshore production installations - Heating, ventilation and air-conditioning
ISO 15156-1 : 2001	EN ISO 15156-1 : 2001	NACE MR 0175	P&NGI - Materials for use in H2S containing environments in oil and gas production - Part 1: General principles for selection of cracking-resistant materials
ISO 15156-2 : 2003	EN ISO 15156-2 : 2003	NACE MR 0175	P&NGI – Materials for use in H2S containing environments in oil and gas production – Part 2 : Cracking resistant carbon and low alloy steels, and the use of cast irons.
ISO 15156-3 : 2003	EN ISO 15156-3 : 2003	NACE MR 0175	P&NGI – Materials for use in H2S containing environments in oil and gas production – Part 3 : Cracking resistant CRAs (corrosion-resistant-alloys and other alloys.
ISO 15463 : 2003	EN ISO 15463 : 2003	API RP 5A5 7th edition	P&NGI – Field inspection of new casing, tubing and plain end drill pipes
ISO 15546 : 2002	EN ISO 15546 : 2002		P&NGI -- Aluminium alloy drill pipes
ISO 15547-1 : 2005	EN ISO 15547-1 : 2005	API Std 662 2nd edition	P&NGI – Plate-type heat exchangers – Part 1: Plate-and-frame heat exchangers
ISO 15547-2 : 2005	EN ISO 15547-2 : 2005	API Std 662 2nd edition	P&NGI – Plate-type heat exchangers – Part 2: Brazed aluminium plate-fin heat exchangers
ISO 15590-1 : 2001	EN 14870-1 : 2004 (ISO 15590-1 : 2001 modified)		P&NGI - Induction bends, fittings and flanges for pipelines transportation systems - Part 1: Induction bends
ISO 15590-2 : 2003	EN 14870-2 : 2004 (ISO 15590-2 : 2003 modified)		P&NGI - Induction bends, fittings and flanges for pipelines transportation systems - Part 2: Fittings
ISO 15649 : 2001	CEN/TR 14549 : 2004 (ISO 15649 + ESR of PED)		P&NGI – piping /// Guide for the use of ISO 15649 and ANSI/ASME B31-3 for piping in Europe in compliance with the Pressure Equipment Directive.
ISO 15761 : 2002	EN ISO 15761 : 2002	API Std 602 8th edition	Steel gate, globe and check valves for sizes DN 100 and smaller for petroleum and natural gas industries
ISO 16070 : 2005 (2nd edition)	EN ISO 16070 : 2005 (2nd edition)	API Spec 14L 1st edition (2002 version)	P&NGI - Downhole equipment - Lock mandrels and landing nipples
ISO 16812 : 2002 (in revision)	EN ISO 16812 : 2003 (in revision - WI 161)	API Std 660 7th edition	P&NGI –Shell and tube heat exchangers

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ISO 17078 - 1 : 2004	EN ISO 17078 - 1 : 2004		P&NGI – Drilling & Production equipment – Part 1: Side pocket mandrels
ISO 17292 : 2004	EN ISO 17292 :2004 CEN TC69		Metal ball valves for petroleum, petrochemical and allied industries.
ISO 17776 : 2000	EN ISO 17776 : 2002		P&NGI - Offshore production installations - Guidelines on tools and techniques for hazard identification and risk assessment
ISO 19900 : 2002	EN ISO 19900 : 2002		P&NGI - Offshore structures - General requirements
ISO 19901-1 : 2005	EN ISO 19901-1 : 2005		P&NGI –Specific requirements for offshore structures Part 1: Metocean design and operating considerations
ISO 19901-2 : 2004	EN ISO 19901-2 : 2004		P&NGI –Specific requirements for offshore structures Part 2: Seismic design procedures and criteria
ISO 19901-4 : 2003	EN ISO 19901-4 : 2003		P&NGI –Specific requirements for offshore structures Part 4: Geotechnical and foundation design considerations
ISO 19901-5 : 2003	EN ISO 19901-5 : 2003		P&NGI –Specific requirements for offshore structures Part 5: weight control during engineering and construction
ISO 19901-7 : 2005	EN ISO 19901-7 : 2005		P&NGI –Specific requirements for offshore structures Part 7: station keeping systems for floating offshore structures and mobile offshore units.
ISO 21049 : 2004	EN ISO 21049 : 2004	API Std 682 3 rd edition	Pumps - Shaft sealing systems for centrifugal and rotary pumps.
ISO 21329 : 2004	EN ISO 21329 : 2004		P&NGI –Pipeline transportation systems - Test procedure for mechanical connectors
ISO TS 29001 : 2003		API Spec Q1 7 th edition	PPNGI – Sector specific quality management systems - * requirements for product and service supply organisations
ISO autres TC			
ISO autres TC	EN	API	TITLE
<i>ISO 10425 : 2003 From ISO TC 105 WG1</i>		API Spec 9A 25 th edition	Wire Ropes for the Oil and Natural Gas Industry
<i>ISO 10497 : 2004 From ISO TC153 / SC1</i>	<i>EN ISO 10497 In CEN TC69</i>	API Std 607 5 th edition	Testing of valves – fire type testing requirements
<i>ISO 12917-1 : 2002 From ISO TC28/SC3</i>		API 2.2E 1 st edition	Petroleum and liquid petroleum products -- Calibration of horizontal cylindrical tanks -- Part 1: Manual methods

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<i>ISO 12917-2 : 2002</i> <i>From ISO TC28/SC3</i>		API 2.2F 1 st edition	Petroleum and liquid petroleum products -- Calibration of horizontal cylindrical tanks -- Part 2: Internal electro-optical distance-ranging method
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