

Standard Recommendation S.R. CEN ISO/TS 29001:2011

Petroleum, petrochemical and natural gas industries - Sector-specific quality management systems - Requirements for product and service supply organizations (ISO/TS 29001:2010)

© NSAI 2011

No copying without NSAI permission except as permitted by copyright law.

Incorporating amendments	corrigenda/National Anne.	xes issued since public	cation:
The National Standards Author documents:	ity of Ireland (NSAI) produc	es the following cate	gories of formal
I.S. xxx: Irish Standard – r subject to public consultation.	national specification base	d on the consensus of	an expert panel and
S.R. xxx: Standard Recommoder Standard Standard Standard Standard Recommoder Standard	mendation - recommendat sultation.	ion based on the cons	ensus of an expert
SWiFT xxx: A rapidly develop participants of an NSAI worksho	ed recommendatory docur	ment based on the cor	nsensus of the
This document replaces:			
This document is based on: CEN ISO/TS 29001:2011	<i>Published:</i> 17 February, 2011		
This document was publish under the authority of the I and comes into effect on: 17 February, 2011			ICS number: 03.120.10 75.020
NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie	
Údarás um Chaighdeáin Náisiúnta na hÉireann			

TECHNICAL SPECIFICATION

CEN ISO/TS 29001

SPÉCIFICATION TECHNIQUE

TECHNISCHE SPEZIFIKATION

February 2011

ICS 03.120.10; 75.020

English Version

Petroleum, petrochemical and natural gas industries - Sectorspecific quality management systems - Requirements for product and service supply organizations (ISO/TS 29001:2010)

Industries du pétrole, de la pétrochimie et du gaz naturel -Systèmes de management de la qualité spécifiques au secteur - Exigences pour les organismes de fourniture de produits et de services (ISO/TS 29001:2010) Erdöl-, petrochemische und Erdgasindustrie -Sektorspezifische Qualitätsmanagementsysteme -Anforderungen an Hersteller- und Serviceorganisationen (ISO/TS 29001:2010)

This Technical Specification (CEN/TS) was approved by CEN on 27 December 2010 for provisional application.

The period of validity of this CEN/TS is limited initially to three years. After two years the members of CEN will be requested to submit their comments, particularly on the question whether the CEN/TS can be converted into a European Standard.

CEN members are required to announce the existence of this CEN/TS in the same way as for an EN and to make the CEN/TS available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the CEN/TS) until the final decision about the possible conversion of the CEN/TS into an EN is reached.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

CEN ISO/TS 29001:2011 (E)

Contents	Page
Foreword	

CEN ISO/TS 29001:2011 (E)

Foreword

The text of ISO/TS 29001:2010 has been prepared by Technical Committee ISO/TC 67 "Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries" of the International Organization for Standardization (ISO) and has been taken over as CEN ISO/TS 29001:2011 by Technical Committee CEN/TC 12 "Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries" the secretariat of which is held by AFNOR.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of ISO/TS 29001:2010 has been approved by CEN as a CEN ISO/TS 29001:2011 without any modification.

This is a free page sample. Access the full version online.

S.R. CEN ISO/TS 29001:2011

This page is intentionally left BLANK.

This is a free page sample. Access the full version online.

S.R. CEN ISO/TS 29001:2011 TECHNICAL SPECIFICATION

ISO/TS 29001

Third edition 2010-06-01

Petroleum, petrochemical and natural gas industries — Sector-specific quality management systems — Requirements for product and service supply organizations

Industries du pétrole, de la pétrochimie et du gaz naturel — Systèmes de management de la qualité spécifiques au secteur — Exigences pour les organismes de fourniture de produits et de services



ISO/TS 29001:2010(E)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2010

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

Contents

Page

Forewo	Forewordv		
0.1 0.2 0.3 0.4 0.5	Iction	iv iiv xi. xi.	
1 1.1 1.1.1 1.2 1.2.1	Scope	1 1	
2	Normative references	2	
3 3.1	Terms and definitions Terms and definitions for the petroleum, petrochemical and natural gas industries	2	
4 4.1 4.1.1	Quality management system General requirements Outsourced processes and/or services — Supplemental	4 4	
4.2 4.2.1 4.2.2	Documentation requirements	5	
4.2.2.1 4.2.3 4.2.3.1	Quality manual — Supplemental Control of documents — Supplemental	6	
4.2.3.2 4.2.4 4.2.4.1	Control of document changes — Supplemental Control of records — Supplemental Control of records — Supplemental	6	
5 5.1 5.2	Management responsibility	7 7	
5.3 5.3.1 5.4	Quality policy — Supplemental — Planning — Supplemental — Planning — Supplemental	3 3	
5.4.1 5.4.2 5.5	Quality objectivesQuality management system planning	8	
5.5.1 5.5.2 5.5.3	Responsibility and authority	9	
5.6.1 5.6.1.1	Management review	10 10	
5.6.2 5.6.3	Review output	10	
6 6.1 6.2	Resource management	11	
6.2.1 6.2.2	General	11	

ISO/TS 29001:2010(E)

6.2.2.1	Training — Supplemental	
6.3	Infrastructure	.12
6.4	Work environment	.13
_		
7	Product realization	
7.1	Planning of product realization	.13
7.1.1	Planning of product realization — Supplemental	.13
7.2	Customer-related processes	.14
7.2.1	Determination of requirements related to the product	.14
7.2.2	Review of requirements related to the product	
7.2.2.1	Review of requirements related to the product — Supplemental	14
7.2.3	Customer communication	15
7.2.3 7.3	Design and development	
-		
7.3.1	Design and development planning	
7.3.1.1	Design and development planning — Supplemental	
7.3.1.2	Design documentation — Supplemental	
7.3.2	Design and development inputs	
7.3.2.1	Design and development inputs — Supplemental	.16
7.3.3	Design and development outputs	.16
7.3.3.1	Design and development outputs - Supplemental	.16
7.3.4	Design and development review	
7.3.4.1	Design and development review — Supplemental	
7.3.5	Design and development verification	
7.3.6	Design and development validation	
7.3.7	Control of design and development changes	
7.3.7.1	Control of design and development changes — Supplemental	
7.4	Purchasing	
7.4.1	Purchasing process	
7.4.1.1	Purchasing process — Supplemental	.19
7.4.1.2	Criteria for supplier selection, evaluation, and re-evaluation — Supplemental	.19
7.4.1.3	Supplier-provided processes that require validation — Supplemental	
7.4.2	Purchasing information	
7.4.2.1	Purchasing information — Supplemental	
7.4.3	Verification of purchased product	
7.4.3.1	Verification of purchased product — Supplemental	
_	Production and service provision	
7.5		
7.5.1	Control of production and service provision	
7.5.1.1	Control of production and service provision — Supplemental	
7.5.1.2	Process controls — Supplemental	.20
7.5.2	Validation of processes for production and service provision	.21
7.5.2.1	Validation of processes for production and service provision — Supplemental	.21
7.5.3	Identification and traceability	.21
7.5.3.1	Identification and traceability — Supplemental	.21
7.5.3.2	Identification and traceability maintenance and replacement — Supplemental	
7.5.3.3	Product status — Supplemental	22
7.5.4	Customer property	
7.5.4.1	Customer property — Supplemental	
-		
7.5.5	Preservation of product	
7.5.5.1	Preservation of product — Supplemental	
7.5.5.2	Periodic assessment of stock — Supplemental	
7.6	Control of monitoring and measuring equipment	
7.6.1	Control of monitoring and measuring equipment — Supplemental	
7.6.2	Environmental conditions — Supplemental	.24
0	Massurament analysis and improvement	24
8	Measurement, analysis and improvement	
8.1	General	
8.2	Monitoring and measurement	
8.2.1	Customer satisfaction	
8.2.2	Internal audit	
8.2.2.1	Internal audit — Supplemental	
8.2.2.2	Response times — Supplemental	.26

ISO/TS 29001:2010(E)

8.2.3	Monitoring and measurement of processes	26
8.2.4	Monitoring and measurement of product	
8.2.4.1	Monitoring and measurement of product — Supplemental	
8.2.4.2		
8.3	Control of nonconforming product	
8.3.1	Release or acceptance of nonconforming product — Supplemental	
8.3.2	Field nonconformity analysis — Supplemental	
8.3.3	Customer notification — Supplemental	
8.4	Analysis of data	28
8.4.1	Analysis of data — Supplemental	
8.5	Improvement	
8.5.1	Continual improvement	
8.5.2	Corrective action	
8.5.2.1	Corrective action — Supplemental	
8.5.2.2	• •	
8.5.3	Preventive action	
8.5.3.1	Preventive action — Supplemental	
Diblian		
DIDIIOG	ıraphy	30

ISO/TS 29001:2010(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

In other circumstances, particularly when there is an urgent market requirement for such documents, a technical committee may decide to publish other types of document:

- an ISO Publicly Available Specification (ISO/PAS) represents an agreement between technical experts in an ISO working group and is accepted for publication if it is approved by more than 50 % of the members of the parent committee casting a vote;
- an ISO Technical Specification (ISO/TS) represents an agreement between the members of a technical committee and is accepted for publication if it is approved by 2/3 of the members of the committee casting a vote.

An ISO/PAS or ISO/TS is reviewed after three years in order to decide whether it will be confirmed for a further three years, revised to become an International Standard, or withdrawn.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO/TS 29001 was prepared by Technical Committee ISO/TC 67, Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries.

This third edition cancels and replaces the second edition (ISO/TS 29001:2007), of which it constitutes a minor revision.

In this third edition of ISO/TS 29001, the boxed text has been revised in order to ensure that it constitutes the text of ISO 9001:2008 unaltered and in its entirety. No changes other than editorial have been made outside the boxed text.

The fourth edition of ISO 9001 (ISO 9001:2008) cancelled and replaced the third edition (ISO 9001:2000), which was amended to clarify points in the text and to enhance compatibility with ISO 14001:2004.

Since the third edition, the title of ISO 9001 has been revised such that it no longer includes the term "Quality Assurance". This reflects the fact that the quality management system requirements specified in ISO 9001 now also aim to enhance customer satisfaction, in addition to the quality assurance of a product.

ISO/TS 29001:2010(E)

Introduction

0.1 General

ISO 9001:2008, Quality management systems — Requirements

Introduction

0.1 General

The adoption of a quality management system should be a strategic decision of an organization. The design and implementation of an organization's quality management system is influenced by

- a) its organizational environment, changes in that environment, and the risks associated with that environment,
- b) its varying needs,
- c) its particular objectives,
- d) the products it provides,
- e) the processes it employs,
- f) its size and organizational structure.

It is not the intent of this International Standard to imply uniformity in the structure of quality management systems or uniformity of documentation.

The quality management system requirements specified in this International Standard are complementary to requirements for products. Information marked "NOTE" is for guidance in understanding or clarifying the associated requirement.

This International Standard can be used by internal and external parties, including certification bodies, to assess the organization's ability to meet customer, statutory and regulatory requirements applicable to the product and the organization's own requirements.

The quality management principles stated in ISO 9000 and ISO 9004 have been taken into consideration during the development of this International Standard.

NOTE This Technical Specification does not address competitive or commercial matters such as price, warranties, guarantees or clauses intended to sustain commercial objectives.



The is a new provider i arenade and chare publication at the limit below	This is a free preview.	Purchase the	entire publication	at the link below:
--	-------------------------	--------------	--------------------	--------------------

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation