

# ISO/TS 29001:2010

Quality Management System for oil, gas and petrochemical industries



ISO/TS 29001 has now been accepted as the baseline requirement for quality management systems in the exploration and production sector of the petroleum and natural gas industry. The third edition of ISO/TS 29001 was released in June 2010.

A successful partnership between ISO and the international oil and gas industry has resulted in the publication of a new technical specification for implementing ISO 9001:2000-based quality management systems in the sector. ISO/TS 29001 is envisaged to become the common and unique basis for the oil and gas industry's quality management system requirements worldwide. ISO/TS 29001 is available for use by manufacturers of oil and gas industry equipment and materials (upstream and downstream), service providers to the oil and gas industry, purchasers of

equipment, materials, and services. The document can also be used for organizations to perform auditing and certification. This single worldwide system will replace the need for multiple systems, audits and certifications.

#### **Why industry specific?**

The current worldwide standard for quality management systems, ISO 9001:2000, is a generic one that must satisfy the needs of many types of industry and organization. It reflects feedback on the previous ISO 9000 versions that the requirements were not flexible enough and did not allow

for adaptation for software companies, manufacturers of simple consumer products, and services such as insurance and banking. In contrast, due to the critical needs of the international oil and gas industry, this sector requires rigorous conformity to engineering, user and regulatory requirements. The development of ISO/TS 29001 has fulfilled that need and has brought a more comprehensive quality management system to this critical industry.

# ISO/TS 29001:2010

## Quality Management System for oil, gas and petrochemical industries

In order to best serve the interests of the industry, and as a method of better ensuring the safety of personnel and the environment, engineers, purchasers, users, manufacturers, service organizations and suppliers ISO/TS 29001 has been developed for oil, gas and petrochemical industries.

### Supplementary requirements

A technical specification, ISO/TS 29001 incorporates the verbatim text of ISO 9001 and includes detailed, sector-specific requirements for design, development, production, installation and service of products. Although some of the supplementary requirements may be viewed as not specific to the oil and gas industry, they are needed in ISO/TS 29001 in order to ensure that the requirements are more explicit and can be more readily verified/audited.

Which companies can apply for ISO/TS 29001?

ISO/TS 29001:2010 is the result of cooperation between the American Petroleum Institute (API) and ISO technical committee ISO/TC 67, Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries.

They developed ISO/TS 29001 – which is also published as API Q1 – to provide a single QMS document to meet the needs of the oil and gas industries worldwide, specifically the major petroleum, petrochemical and natural gas organizations, as well as government and regulatory agencies. It provides a basis for qualification of the QMS of equipment manufacturers and service suppliers. Potential end

users include the following:

- Organizations involved in exploration, production, pipelines and transportation, and refining of petroleum and natural gas products
- Organizations involved in the design, manufacture, installation, service and repair of equipment used in the exploration, production, transportation and refining of petroleum and natural gas products
- Organizations that provide technical, operational and support services to the various industry sectors identified above.

### New Edition of ISO/TS 29001:

**The new version of ISO/TS 29001:2010 was released in June 2010.** The third edition has been updated to include the text of ISO 9001:2008, the generic QMS standard, unaltered and in its entirety. Petroleum, petrochemical and natural gas industry sector-specific supplemental requirements are given outside the boxes.

### Transition Rules:

- The current ISO/TS 29001:2007 (old version) certificates shall remain valid until 2012-05-31, i.e.,

2 years from the date of publication of the 2010 year edition of the standard.

- The certificates can be issued for the 2010 edition standard during any of the scheduled upcoming coming audit.
- If the transition is done as part of periodic audit, the validity of the new certificate will remain same as current certificate.
- There is no extra man days to be applied by DNV for the purpose of the transition

### DNV services for ISO/TS 29001:

DNV is a world-leading certification body and a global provider of solutions for managing risk. We work to create trust and confidence and help our customers safely and responsibly improve performance.

DNV will provide following services with regard to ISO/TS 29001:

- 1- Foundation course
- 2- Implementation of ISO/TS 29001 training course
- 3- Certification services
- 4- 2nd party assessment on behalf of companies for suppliers

For more information please do not hesitate to contact with us.

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