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Standards

Standard Recommendation
S.R. CEN ISO/TR 13881:2011

Petroleum and natural gas industries - Classification and conformity assessment of products, processes and services (ISO/TR 13881:2000)

S.R. CEN ISO/TR 13881:2011

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English Version

**Petroleum and natural gas industries - Classification and
conformity assessment of products, processes and services
(ISO/TR 13881:2000)**

Industries du pétrole et du gaz naturel - Classification et
évaluation de la conformité des produits, procédés et
services (ISO/TR 13881:2000)

Erdöl- und Erdgasindustrie - Klassifizierung und
Konformitätsbewertung von Produkten, Verfahren und
Dienstleistungen (ISO/TR 13881:2000)

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Foreword

The text of ISO/TR 13881:2000 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/TR 13881:2011 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.

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The text of ISO/TR 13881:2000 has been approved by CEN as a CEN ISO/TR 13881:2011 without any modification.

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S.R. CEN ISO/TR 13881:2011

TECHNICAL REPORT

ISO/TR 13881

First edition
2000-04-15

Petroleum and natural gas industries — Classification and conformity assessment of products, processes and services

*Industries du pétrole et du gaz naturel — Classification et évaluation
de la conformité des produits, procédés et services*



Reference number
ISO/TR 13881:2000(E)

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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.

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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 exceptional circumstances, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example), it may decide by a simple majority vote of its participating members to publish a Technical Report. A Technical Report is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.

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ISO/TR 13881 was prepared by Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum and natural gas industries*.

Introduction

When a user/purchaser wishes to procure a product, process or service, the user/purchaser may produce a functional specification (see ISO 13879). If so, the manufacturer/supplier provides a technical specification (see ISO 13880) as the basis for manufacturing or execution. The user/purchaser decides on the extent to which it is necessary to determine, directly or indirectly, that relevant requirements are fulfilled and states this in the contract with the manufacturer/supplier.

This document describes:

- two methodologies which enable the required degree of assurance to be determined by classification, which in turn dictates the conformity assessment system;
- a set of five conformity assessment systems which when applied can give an increasing level of confidence that the product, process or service conforms to stated requirements.

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