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Standards

Irish Standard
I.S. EN ISO 13535:2000

Petroleum and natural gas industries - Drilling and production equipment - Hoisting equipment (ISO 13535:2000)

I.S. EN ISO 13535:2000

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National Foreword

I.S. EN ISO 13535:2000 is the adopted Irish version of the European Document EN ISO 13535:2000, Petroleum and natural gas industries - Drilling and production equipment - Hoisting equipment (ISO 13535:2000)

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EUROPEAN STANDARD

EN ISO 13535

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2000

ICS 75.180.10

English version

**Petroleum and natural gas industries - Drilling and production
equipment - Hoisting equipment (ISO 13535:2000)**

Industries du pétrole et du gaz naturel - Equipements de
forage et de production - Equipement de levage (ISO
13535:2000)

Erdöl- und Erdgasindustrien - Bohr- und
Fördereinrichtungen - Hebegerät (ISO 13535:2000)

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Foreword

This document (EN ISO 13535:2000) has been prepared by Technical Committee ISO/TC 67 "Materials, equipment and offshore structures for petroleum and natural gas industries" in collaboration with Technical Committee CEN/TC 12 "Materials, equipment and offshore structures for petroleum and natural gas industries", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2001, and conflicting national standards shall be withdrawn at the latest by June 2001.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 13535:2000 has been approved by CEN as a European Standard without any modifications.

INTERNATIONAL STANDARD

**ISO
13535**

First edition
2000-12-15

Petroleum and natural gas industries — Drilling and production equipment — Hoisting equipment

*Industries du pétrole et du gaz naturel — Équipements de forage et de
production — Équipement de levage*



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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.

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

International Standard ISO 13535 was prepared by Technical Committee ISO/TC 67, *Materials, equipment and offshore structures for petroleum and natural gas industries*, Subcommittee SC 4, *Drilling and production equipment*.

Annexes A and B form a normative part of this International Standard. Annex C is for information only.

ISO 13535:2000(E)

Introduction

This International Standard is based upon API Spec 8C [2], 3rd edition, December 1997.

Users of this International Standard should be aware that further or differing requirements may be needed for individual applications. This International Standard is not intended to inhibit a vendor from offering, or the purchaser from accepting, alternative equipment or engineering solutions for the individual application. This may be particularly applicable where there is innovative or developing technology. Where an alternative is offered, the vendor should identify any variations from this International Standard and provide details.

Petroleum and natural gas industries — Drilling and production equipment — Hoisting equipment

1 Scope

This International Standard provides requirements for the design, manufacture and testing of hoisting equipment suitable for use in drilling and production operations.

This International Standard is applicable to the following drilling and production hoisting equipment:

- a) hoisting sheaves;
- b) travelling blocks and hook blocks;
- c) block-to-hook adapters;
- d) connectors and link adapters;
- e) drilling hooks;
- f) tubing hooks and sucker-rod hooks;
- g) elevator links;
- h) casing elevators, tubing elevators, drill-pipe elevators and drill-collar elevators;
- i) sucker-rod elevators;
- j) rotary swivel-bail adapters;
- k) rotary swivels;
- l) power swivels;
- m) power subs;
- n) spiders, if capable of being used as elevators;
- o) wire-line anchors;
- p) drill-string motion compensators;
- q) kelly spinners, if capable of being used as hoisting equipment;
- r) pressure vessels and piping mounted onto hoisting equipment;
- s) safety clamps, if capable of being used as hoisting equipment;
- t) guide dollies (annex B).

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