SLOVENSKI STANDARD
oSIST prEN ISO 15136-1:2025

01-november-2025

Industrija za predelavo nafte in zemeljskega plina - Vijačni črpalni sistemi za prečrpavanje na površino - 1. del: Črpalke (ISO/DIS 15136-1:2025)

Petroleum and natural gas industries - Progressing cavity pump systems for artificial lift - Part 1: Pumps (ISO/DIS 15136-1:2025)

Erdöl- und Erdgasindustrie- Exzenterschneckentiefpump-Fördersysteme - Teil 1: Pumpen (ISO/DIS 15136-1:2025)

Industries du pétrole et du gaz naturel - Pompes de fond à cavités progressantes pour activation des puits - Partie 1: Pompes (ISO/DIS 15136-1:2025)

Ta slovenski standard je istoveten z: **prEN ISO 15136-1**

ICS:

75.180.10	Oprema za raziskovanje, vrtanje in odkopavanje	Exploratory, drilling and extraction equipment

oSIST prEN ISO 15136-1:2025 **en,fr,de**

DRAFT International Standard

ISO/DIS 15136-1

Petroleum and natural gas industries — Progressing cavity pump systems for artificial lift —

Part 1: Pumps

Industries du pétrole et du gaz naturel — Pompes de fond à cavités progressantes pour activation des puits —

Partie 1: Pompes

ICS: 75.180.10

ISO/TC **67**/SC **4**

Secretariat: **ANSI**

Voting begins on:
2025-09-16

Voting terminates on:
2025-12-09

ISO/CEN PARALLEL PROCESSING

Reference number
ISO/DIS 15136-1:2025(en)

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Published in Switzerland

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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.

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 15136-1 was prepared by Technical Committee ISO/TC 67, Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries, Subcommittee SC 4, Drilling and production equipment.

This second edition cancels and replaces the first edition (ISO 15136-1:2001), which has been technically revised.

Added definitions of terms for equal-wall thickness stator and metal stator.

Added Technical specification for PCPs.

Added Supplier/manufacturer requirements for PCPs.

Revised the requirements for progressing cavity pump elastomers in Appendix A.

Revised the Hydraulic validation in Appendix B.

Revised the Pump bench test parameter requirements in Appendix C.

ISO 15136 consists of the following parts, under the general title Petroleum and natural gas industries — Progressing cavity pump systems for artificial lift:

Part 1: Pumps

Part 2: Surface-drive systems