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Petroleum and natural gas industries — Downhole equipment — Subsurface safety valve equipment

*Industries du pétrole et du gaz naturel — Équipement de forage
vertical — Vannes de protection de fond de puits*



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Contents

Page

| | |
|--|----|
| Foreword..... | iv |
| Introduction | v |
| 1 Scope..... | 1 |
| 2 Normative references | 1 |
| 3 Terms and definitions..... | 3 |
| 4 Abbreviated terms..... | 7 |
| 5 Functional specification | 8 |
| 5.1 General | 8 |
| 5.2 SSSV functional characteristics..... | 8 |
| 5.3 Well parameters | 9 |
| 5.4 Operational parameters..... | 9 |
| 5.5 Environmental compatibility..... | 10 |
| 5.6 Compatibility with related well equipment | 10 |
| 6 Technical specification..... | 10 |
| 6.1 Technical requirements..... | 10 |
| 6.2 Technical characteristics of SSSV | 10 |
| 6.3 Design criteria | 11 |
| 6.4 Design verification | 14 |
| 6.5 Design validation | 14 |
| 6.6 Design changes..... | 15 |
| 6.7 Functional test..... | 15 |
| 7 Supplier/manufacturer requirements..... | 16 |
| 7.1 General | 16 |
| 7.2 Raw material | 16 |
| 7.3 Heat-treating-equipment qualification | 17 |
| 7.4 Traceability | 17 |
| 7.5 Components undergoing special processes | 18 |
| 7.6 Quality control..... | 18 |
| 7.7 SSSV functional testing..... | 23 |
| 7.8 Product identification | 23 |
| 7.9 Documentation and data control..... | 24 |
| 7.10 Failure reporting and analysis..... | 26 |
| 8 Repair/redress | 26 |
| 8.1 Repair | 26 |
| 8.2 Redress | 26 |
| 9 Storage and preparation for transport..... | 26 |
| Annex A (normative) Test agency requirements..... | 27 |
| Annex B (normative) Validation testing requirements | 30 |
| Annex C (normative) Functional testing requirements | 40 |
| Annex D (informative) Optional requirement for closure mechanism minimal leakage | 46 |
| Annex E (informative) Operating envelope | 47 |
| Annex F (normative) Data requirements, figures/schematics, and tables | 49 |
| Bibliography | 77 |

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Foreword

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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.

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 10432 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 third edition cancels and replaces the second edition (ISO 10432:1999), which has been technically revised.

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Introduction

This International Standard has been developed by users/purchasers and suppliers/manufacturers of subsurface safety valves intended for use in the petroleum and natural gas industry worldwide. This International Standard is intended to give requirements and information to both parties in the selection, manufacture, testing and use of subsurface safety valves. Furthermore, this International Standard addresses the minimum requirements with which the supplier/manufacturer is to comply so as to claim conformity with this International Standard.

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

The requirements for lock mandrels and landing nipples previously contained in this International Standard are now included in ISO 16070.