

# ISO 10438-4:2007-12 (E)

## Petroleum, petrochemical and natural gas industries - Lubrication, shaft-sealing and control-oil systems and auxiliaries - Part 4: Self-acting gas seal support systems

---

<b>Contents</b>	<b>Page</b>
Foreword .....	iv
Introduction .....	v
1 Scope .....	1
2 Normative references .....	1
3 Terms, abbreviated terms and definitions .....	1
4 General .....	2
4.1 System selection .....	2
4.2 Basic design .....	2
4.3 Gas filters .....	4
4.4 Transfer valves .....	4
4.5 Condensate traps .....	4
5 Piping and tubing .....	5
6 Instrumentation, control and electrical systems .....	5
6.1 General .....	5
6.2 Alarms and shutdowns .....	5
6.3 Instrumentation .....	6
7 Inspection, testing and preparation for shipment .....	7
7.1 General .....	7
7.2 Inspection .....	7
7.3 Testing .....	7
7.4 Preparation for shipment .....	8
8 Vendor's Data .....	8
8.1 Proposal .....	8
8.2 Spare parts .....	8
Annex A (informative) Datasheets .....	9
Annex B (informative) Piping and instrument diagrams .....	10
Annex C (informative) Inspector's checklist .....	25
Annex D (informative) Dry-gas-seal connection terminology and configurations .....	27
Bibliography .....	30