

# ISO 17941:2015-03 (E)

## Ships and marine technology - Hydraulic hinged watertight fireproof doors

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Classification and designation .....</b>	<b>1</b>
3.1	Types .....	1
3.2	Structure and main dimensions .....	2
3.3	Manual hydraulic and electric-hydraulic system schematic diagram .....	4
3.4	Electrical system diagram .....	5
3.5	Designation .....	5
<b>4</b>	<b>Requirement and inspection .....</b>	<b>5</b>
4.1	Material .....	5
4.2	Appearance .....	5
4.3	Welds .....	6
4.4	Heat Treatment .....	6
4.5	Anti-corrosion .....	6
4.6	Tightness .....	6
4.6.1	Degrees of contact .....	6
4.6.2	Water pressure .....	6
4.7	System .....	6
4.8	Control .....	6
4.9	Flexibility .....	7
4.10	Alarm .....	7
4.11	Status indication .....	7
4.12	Inclination test .....	7
4.13	Fire resistance .....	8
<b>5</b>	<b>Marking, packaging, transport, and storage .....</b>	<b>9</b>
5.1	Marking .....	9
5.2	Packaging .....	9
5.3	Transportation and storage .....	9
Annex A (informative) Watertight door's hydraulic system schematic diagram .....		10
Annex B (informative) Watertight door's electrical system schematic diagram .....		11