

# ISO 14885:2014-07 (E)

## Large yachts - Diesel engines for main propulsion and essential auxiliaries - Safety requirements

---

<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>Terms and definitions .....</b>	<b>2</b>
<b>4</b>	<b>Engine requirements .....</b>	<b>5</b>
4.1	General requirements .....	5
4.2	Risk assessment .....	5
4.3	Ambient conditions .....	5
4.4	Inclinations .....	5
4.5	Surface temperature .....	6
4.6	Vibrations .....	6
4.7	Component testing .....	6
4.8	Service conditions .....	6
4.9	Drainage .....	6
4.10	Intake and exhaust system .....	6
4.11	Crankcase .....	6
4.12	Lubrication oil system .....	7
4.13	Fuel system .....	7
4.14	Cooling water system .....	7
4.15	Starting capability .....	7
4.16	Electrical equipment .....	8
4.17	Engine controls .....	8
4.18	Programmable electronics .....	9
4.19	Alarm and safety system .....	9
<b>5</b>	<b>Installation instructions .....</b>	<b>10</b>
<b>6</b>	<b>Operating and maintenance instructions .....</b>	<b>10</b>
<b>7</b>	<b>Marking .....</b>	<b>10</b>
<b>8</b>	<b>Diesel engine qualification, manufacturing and testing .....</b>	<b>11</b>
8.1	General .....	11
8.2	Type approval of mass produced diesel engines .....	11
8.3	Manufacturing of mass produced diesel engines .....	13
8.4	Factory acceptance testing (FAT) and certification of mass produced diesel engines .....	13
<b>Annex A (informative) List of typical hazards .....</b>		<b>15</b>
<b>Bibliography .....</b>		<b>16</b>