

# ISO 8846:2025-12 (E)

## Small craft - Electrical devices - Protection against ignition of surrounding flammable gases

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Design and test requirements .....	2
5	External surface temperature test .....	2
6	Test method -- Sealed devices .....	2
6.1	General .....	2
6.2	Apparatus .....	3
6.3	Test procedure .....	3
7	Test method -- Non-sealed devices .....	3
7.1	General .....	3
7.2	Apparatus .....	4
7.3	Electrical device preparation .....	6
7.4	Test procedure .....	6
7.5	Additional requirements for non-sealed electrical devices .....	7
7.5.1	Cranking motors .....	7
7.5.2	Distributors .....	7
7.5.3	Alternators .....	7
8	Identification .....	7
Bibliography .....		8