



ISO 8846

**Small craft — Electrical devices
— Protection against ignition of
surrounding flammable gases**

*Petits navires — Appareils électriques — Protection contre
l'inflammation des gaz inflammables environnants*

**Second edition
2025-12**



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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

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This second edition cancels and replaces the first edition (ISO 8846:1990), which has been technically revised.

The main changes are as follows:

- the Scope has been updated for clarity;
- the definitions have been updated in [Clause 3](#);
- throughout the text, requirements have been updated to meet the state of the art;
- the former 6.4.3 on intrinsically safe devices has been removed;
- [7.5.3](#) for alternators has been added;
- [Clause 8](#) on marking has been updated.

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