

# SLOVENSKI STANDARD

## SIST EN ISO 16147:2018

01-september-2018

Nadomešča:

SIST EN ISO 16147:2017

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**Mala plovila - Vgrajeni dizelski motorji - Nameščene komponente za gorivo, olje in električno (ISO 16147:2018)**

Small craft - Inboard diesel engines - Engine-mounted fuel, oil and electrical components (ISO 16147:2018)

Kleine Wasserfahrzeuge - Einge baute Dieselmotoren - Am Motor befestigte Kraftstoff-, Öl- und Elektrikbauteile (ISO 16147:2018)

Petits navires - Moteurs intérieurs diesels - Éléments des circuits d'alimentation et des systèmes électriques fixés sur le moteur (ISO 16147:2018)

**Ta slovenski standard je istoveten z: EN ISO 16147:2018**

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**ICS:**

47.020.20	Ladijski motorji	Marine engines and propulsion systems
47.080	Čolni	Small craft

**SIST EN ISO 16147:2018**

**en,fr,de**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 16147**

June 2018

ICS 47.080

Supersedes EN ISO 16147:2017

English Version

**Small craft - Inboard diesel engines - Engine-mounted fuel, oil and electrical components (ISO 16147:2018)**

Petits navires - Moteurs intérieurs diesels - Éléments des circuits d'alimentation, des systèmes de lubrification et des systèmes électriques fixés sur le moteur (ISO 16147:2018)

Kleine Wasserfahrzeuge - Eingebaute Dieselmotoren - Am Motor befestigte Kraftstoff-, Öl- und Elektrikbauteile (ISO 16147:2018)

This European Standard was approved by CEN on 2 April 2018.

This European Standard was corrected and reissued by the CEN-CENELEC Management Centre on 18 July 2018.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

<b>Contents</b>	<b>Page</b>
<b>European foreword</b> .....	<b>3</b>
<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of Directive 2013/53/EU aimed to be covered</b> .....	<b>4</b>

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## European foreword

This document (EN ISO 16147:2018) has been prepared by Technical Committee ISO/TC 188 "Small craft" in collaboration with CCMC.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2018, and conflicting national standards shall be withdrawn at the latest by December 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN ISO 16147:2017.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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## Annex ZA (informative)

### Relationship between this European Standard and the Essential Requirements of Directive 2013/53/EU aimed to be covered

This European standard has been prepared under a Commission's standardization request M/542 C(2015) 8736 final to provide one voluntary means of conforming to Essential Requirements of Directive 2013/53/EU.

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

**Table ZA.1 — Correspondence between this European Standard and Annex I of Directive 2013/53/EU**

Essential requirements (ERs) of EU Directive 2013/53/EU	Clauses/subclauses of this European Standard	Qualifying remarks/Notes
Annex I, Part A, 5.1.1 - Installation requirements; inboard engine	4, 5, 6	In respect of inspection of fuel, oil and electrical components fitted to diesel inboard-mounted engines.
Annex I, Part A, 5.2.1 - Fuel system; general	4, 5, 7	In respect of minimising the risk of fuel leakage and risk/spread of fire from fuel components that are engine mounted.
Annex I, Part A, 5.3 - Electrical system	4, 6	Only in respect of minimising the risk/spread of fire from electrical components that are engine mounted.
Annex I, Part A, 5.6.1 Fire protection - General	4, 5, 6, 7	In respect of the design and installation arrangements for engine mounted fuel, oil and electrical components on inboard diesel engines.

**WARNING 1** — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

**WARNING 2** — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

# INTERNATIONAL STANDARD

**ISO**  
**16147**

Second edition  
2018-05

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## **Small craft — Inboard diesel engines — Engine-mounted fuel, oil and electrical components**

*Petits navires — Moteurs intérieurs diesels — Éléments des circuits  
d'alimentation, des systèmes de lubrification et des systèmes  
électriques fixés sur le moteur*

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# Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 General</b> .....	<b>2</b>
<b>5 Engine fuel and oil system and components</b> .....	<b>2</b>
5.1 General .....	2
5.2 High-pressure pipes .....	3
5.3 Low-pressure fuel lines .....	3
5.4 Fuel and lubrication oil filters .....	3
<b>6 Electrical systems and components</b> .....	<b>3</b>
6.1 General .....	3
6.2 Cranking motors .....	3
6.3 Wiring and connections .....	4
6.4 Relays, fuse boxes and electronic control modules (ECMs) .....	4
<b>7 Installation manual</b> .....	<b>4</b>

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[SIST EN ISO 16147:2018](https://standards.iteh.ai/catalog/standards/sist/f8163d9d-0e6d-493e-81df-aff1a8f05a32/sist-en-iso-16147-2018)

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