



Rules for EC Certification of Recreational Craft and Components, Personal Watercraft, Noise Emissions from Recreational Craft and Exhaust Emissions from Propulsion Engines.

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Technical rules

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1 FIELD OF APPLICATION

These Rules apply to certification of recreational craft in accordance with Directive 2013/53/EU, hereafter referred to as the Directive, and with the provisions given in the “RSG Guidelines” issued by the “Recreational Craft Sectoral Group”.

Recreational craft means any type of craft, regardless of the means of propulsion, whose hull is between 2,5 and 24 m long, measured according to the appropriate harmonised standards and intended for sports and leisure purposes. The fact that the same craft could be used for charter or recreational craft training does not prevent it being covered by this Directive when it is placed on the market for recreational purposes.

These Rules also apply to:

- components listed in Annex II of the Directive;
- personal watercraft;
- the exhaust emissions from propulsion engines;
- noise emissions from recreational craft and inboard or stern drive engines with integral exhaust and from outboard engines.

2 DESIGN CATEGORIES

Recreational craft are divided into the following design categories (see Tab.1) and are to be designed and built according to the parameters given concerning stability, buoyancy and other relevant essential requirements listed in Annex I of the Directive; moreover, they are to have good handling characteristics.

The following definitions apply:

- A** A recreational craft given design category A is considered to be designed for winds that may exceed wind force 8 (Beaufort scale) and significant wave height of 4 m and above but excluding abnormal conditions, such as storm, violent storm, hurricane, tornado and extreme sea conditions or rogue waves.
- B** A recreational craft given design category B is considered to be designed for a wind force up to, and including, 8 and significant wave height up to, and including, 4 m.
- C** A watercraft given design category C is considered to be designed for a wind force up

to, and including, 6 and significant wave height up to, and including, 2 m.

- D** A watercraft given design category D is considered to be designed for a wind force up to, and including, 4 and significant wave height up to, and including, 0,3 m, with occasional waves of 0,5 m maximum height.

Table 1: Design categories

Design category	Wind force (Beaufort scale)	Significant wave height ($H^{1/3}$, metres)
A	> 8	> 4
B	≤ 8	≤ 4
C	≤ 6	≤ 2
D	≤ 4	≤ 0,3

3 ADOPTION CRITERIA OF THE CONFORMITY ASSESSMENT PROCEDURES

3.1 General

Tab.2 gives the adoption criteria of the conformity assessment procedures for recreational, components and personal watercraft; for recreational craft the criteria are given in relation to the design category of the craft and its length.

The criteria given in Tab.2 represent the requirements of the Directive for certification and surveillance of the products considered; however, the Manufacturer can request certification procedures which necessitate intervention by RINA also in cases where certification by a notified body is not required.

3.2 Components

One of the following procedures can be chosen for component assessment:

- EC type examination followed by conformity to type (modules B + C)
- EC type examination and product verification (modules B + F)
- Unit verification (module G)

Table 2: Conformity assessment procedures requiring the action of a notified body

Design category	Length (m)	Conformity assessment procedures (assessment modules)
A and B	$L < 12$	A1, B + C, B + D, B + E, B + F, G, H
A and B	$12 \leq L \leq 24$	B + C, B + D, B + E, B + F, G, H
C	$L < 12$	Where the harmonised standards relating to sections 3.2 and 3.3 of Annex I of the Directive are complied with: A1, B + C, B + D, B + E, B + F, G, H Where the harmonised standards relating to sections 3.2 and 3.3 of Annex I of the Directive are not complied with: A1, B + C, B + D, B + E, B + F, G, H
C	$12 \leq L \leq 24$	B + C, B + D, B + E, B + F, G, H
D	$2,5 < L \leq 24$	A1, B + C, B + D, B + E, B + F, G, H
Personal watercraft	$L \leq 4$	A1, B + C, B + D, B + E, B + F, G, H
Components	–	B + C, B + D, B + E, B + F, G, H

Exhaust emission for the products referred to Article 2, paragraph 1, letters d) and e) if the tests were performed by applying the harmonized standard	B + C, B + D, B + E, B + F, G, H
Exhaust emission for the products referred to Article 2, paragraph 1, letters d) and e) where tests are performed without using the harmonized standard	B + C1, G

Sound Emission	Tests carried out by applying the harmonized standard	Tests carried out without applying the harmonized standard	Method $F_n + P/D$
Outboard engines, personal watercraft, sterdrive engines with integrated exhaust system	A1, G, H	G	-
Outboard engines, personal watercraft, sterdrive engines without integrated exhaust system	A1, G, H	G	A1, G, H

4 APPLICATION

4.1 General

The Manufacturer submits an application for certification to RINA, declaring that no other notified body has been contacted to obtain certification for the same product. The following data are to be given in the application:

- name and address of the Manufacturer or of his authorised representative established within the Community;
- technical characteristics of the craft or component;
- conformity assessment procedure to be applied.

The technical documentation mentioned in [4.2] is to be enclosed to the application form.

4.2 Technical documentation supplied by the Manufacturer

The technical documentation is to include all relevant data or means used by the Manufacturer to ensure the craft or components or personal watercraft comply with the essential requirements given in Annex I of the Directive.

The Manufacturer also undertakes to adopt the criteria and requirements given in the RSG

Guidelines applicable to the design, construction and marketing of the craft and of any components.

The technical documentation is to enable understanding of the design, manufacture and operation of the product, as well as an assessment of conformity with the applicable essential requirements.

The documentation is to include in general the following, as far as applicable to the type of craft or component to be assessed:

- a general description of the type;
- structural drawings with the scantlings, arrangements and details of the main structures of the hull, deck and superstructures;
- general layout of any propulsion engines and plants for auxiliary services;
- drawing of the general layout of the electrical system;
- layout relevant to the fire protection equipment;
- descriptions and explanations necessary to understand the said drawings and schemes and operation of the product;
- reference to the harmonised standards applied (in full or in part) for the construction of the craft or component, as well as the solutions adopted to fulfil the essential requirements of the Directive if these harmonised standards have not been applied;
- list of other reference Rules applied for the construction of the craft or component;
- results of design calculations and examinations performed;
- results of stability and buoyancy tests and calculations according to the specific essential requirements;
- Test results (test report) concerning the exhaust emissions of engines (and a copy of the Declaration of Conformity), in accordance with the specific essential requirements;

- Test results (test report) relating to noise emissions (and a copy of the Declaration of Conformity) according to the specific compliance requirements.

For the purpose of verification of noise emissions, the technical documentation shall include:

- Copy of the declaration of engine power;
- Description and schematic drawing of the exhaust system.

For the purposes of the certification of the exhaust gases of the engines technical documentation shall include:

- General description of the type of engine;
- Views of assembly of the engine;
- List of components that the manufacturer believed to have influence on the exhaust emissions;
- Drawings with dimensioning, accommodation and the details of all the components that affect the combustion process and the exhaust gas composition;
- Descriptions and explanations necessary for the understanding of said drawings and diagrams and the operation of the product;
- The main engine operating parameters with reference to the harmonized standards applied (ex .: ISO 8665 for engine power definition), and the same limit values that enable compliance with the essential safety requirements, listed in Annex I of Directive 2013/53 / EU;
- The owner's manual.

5 CONFORMITY ASSESSMENT PROCEDURES

5.1 Internal production control plus supervised product testing (Module A1)

In this procedure, in addition to the provisions in [4.1], the Manufacturer is to request RINA to perform the following tests on one or more craft models representative of production:

- stability test, in compliance with essential requirement [3.2] of the Directive;
- buoyancy test, in compliance with essential requirement [3.3] of the Directive.

If the outcome of the tests is positive, RINA issues the test report to the Manufacturer.

5.2 EU type-examination (Module B)

As part of the procedure described in Annex II of Decision No. 768/2008/EC, RINA, in the manner described in the "RSG Guidelines", examines, tests and certifies the technical design [Par. 4] of a product (type) according to the requirements of the legislative instrument.

RINA is informed by the manufacturer of all modifications to the approved type that may affect the conformity of the product with the essential requirements of the Directive; such modifications require additional approval.

5.3 Conformity to type based on internal production control (Module C)

When the Module C of Annex II of Decision 768/2008/EC is used and if the manufacturer does not operate in accordance with an adequate quality system, RINA conduct checks on the products at random intervals in order to verify the quality of internal controls product, according to procedures described in the "RSG Guidelines". When the quality level appears unsatisfactory, the procedure set out in Annex VIII of the Directive is applied.

5.4 Conformity to type based on internal production control plus supervised product testing (Module C1)

Limited to exhaust emissions, RINA, as defined in Annex II to Decision 768/2008/EC, performs one or more tests, described in "RSG Guidelines" and performed without applying the harmonized standard, on one or more specific aspects for each product concerned.

5.5 Conformity to type based on quality assurance of the production process, on product quality assurance and on full quality assurance (Module D, E, H)

As reported in the procedures described in Annex II to Decision 768/2008/EC, the manufacturer ensures and declares that the products concerned meet the applicable essential requirements, as reported in "RSG Guidelines".

RINA performs the initial assessment and surveillance of the quality management system in accordance to the "Rules for the Certification of Management Systems for Quality". The verification unit is composed of an expert in evaluating the product together with a qualified auditor for the

verification of the management systems for the quality.

5.6 Product verification (Module F)

The Manufacturer ensures and declares that the products which have undergone examinations and tests either singly or by sample comply with the type described in the EU type examination certificate and meet the applicable essential requirements.

RINA conducts examinations and tests, as described in the "RSG Guidelines". If the outcome of the examinations and checks and tests is positive, RINA issues a Certificate of conformity relevant to the tests performed.

5.7 Unit verification (Module G)

As reported in the procedure described in Annex II of Decision No. 768/2008 / EC, RINA, in the manner described in the "RSG Guidelines", examines, tests and certifies a unique product meeting the requirements of the legislative instrument that apply to it.

5.8 Post Construction Assessment

As reported in the procedures mentioned in Article 23 of the Directive and described in Annex V of, or within "RSG Guidelines", RINA examine the individual product and carry out calculations and other assessment to ensure compliance with the requirements of the legislative instrument.

6 TEST LABORATORY

RINA, in addition to tests conducted in its own laboratories, accepts tests performed by independent laboratories provided they are:

- Accredited according to ISO 17025 as a full member of ILAC (International Laboratory Accreditation Cooperation) for the testing standards in question;
- Recognized by the administration of an EU member state to the testing standards in question.

In laboratories that are not accredited and are not recognized as described above or in laboratories

located in test rooms and/or production facilities belonging to the manufacturer, the test activities are attended, managed and coordinated by RINA.

7 EC MARKING

The CE marking consists of the initials "CE" as specified in the Directive.

The CE marking is also followed by the RINA identification number (0474), if the following certification procedures have been adopted:

- Internal production control plus supervised product testing (Module A1);
- 5.5 Conformity to type based on quality assurance of the production process (module D);
- Product verification (module F);
- Unit verification (module G);
- Conformity to type based on full quality assurance (module H);
- Post construction assessment.

8 TERM OF CERTIFICATION

The certificate issued by RINA has the validity defined by the Directive, or, if not defined by the Directive, equal to 3 years for certificates for Modules D, E, H. In the case of Modules A1, B, C1, F, G the certificate does not expire.

9 EXTENSION OF CERTIFICATION

The validity of a certification relevant to Module D, E, H, may be extended for further periods of three years if it is repeated the procedure provided in this Regulation.

10 SUSPENSION, REINSTATEMENT AND REVOKE OF THE VALIDITY OF THE CERTIFICATE

10.1 Suspension

The validity of the certificate of conformity may be suspended in accordance with the provisions of "General Terms and Conditions for the certification of systems, products and personnel" and if are found non-compliance in the Management System for Quality not resolved within the specified time by RINA.

The manufacturer may also request to RINA, justifying the reasons, the suspension of the

certificate for a period generally not exceeding six months and no later than the expiration date of the certificate.

The suspension shall be notified in writing, stating the conditions for re-instating certification and the date by which they must be implemented.

The suspension of the validity of the certification may be made public by RINA.

10.2 Reinstatement

Reinstatement of certification is subject to verification that the shortcomings which had caused the suspension are closed by means of the product verification for attesting conformity of the same with all the requirements of the reference standard.

It is notified in writing to the manufacturer.

10.3 Revoke

The validity of the Certificate may be revoked by RINA in the case of serious non-fulfilment by the Manufacturer, such as:

- significant non-conformities of the manufactured products or of those being manufactured in relation to the technical documentation submitted to RINA;
- considerable changes made to the products without informing RINA.

The validity of the Certificate may also be revoked if changes to the Rules and/or requirements applicable to the products have been made and the Manufacturer does not wish or is unable to comply with the new provisions.

11 LIST OF ISSUED CERTIFICATIONS

The list of issued certifications can be found at: www.rina.org.

12 VOLTURA OF THE CERTIFICATE

In case of change of business name, the manufacturer must inform RINA of the variations, sending the following documentation:

- Copy of the new certificate of registration at the Chamber of Commerce, or equivalent document;
- A copy of the deed certifying the change.

RINA, carried out the relevant checks, can issue a new certificate of conformity, cancelling the previous one.

13 APPEALS

The manufacturer may appeal against the decisions of RINA; stating the reasons for its disagreement within 30 days from the date of notification of the decision.

RINA will examine the appeal within two months of its submission.

All costs related to the appeal rests with the manufacturer, except in cases of recognized merits.

14 RENUNCIATION OF CERTIFICATION

The manufacturer may send formal communication of renunciation of certification to RINA, before the expiry of the certificate, including the case in which the manufacturer himself does not want to or can not conform to new provisions established by RINA.

RINA, upon receipt of such notice, start the process to make the invalid certificate.

Within one month from the date of the communication, RINA updates the status of the certificate validity.

15 CONFIDENTIALITY

RINA guarantees the confidentiality of all the information which comes to its knowledge during its relationship with the Manufacturer and of all communications between RINA and the Manufacturer.

16 CONTRACT CONDITIONS

For contract conditions, the contents of the current edition of RINA General Contract Conditions Governing System, Product and Personnel Certification are applied. The edition in force can be found at: www.rina.org.