

EU TYPE EXAMINATION CERTIFICATE (Module B)

No.	02-004678/026436
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THIS IS TO CERTIFY:

that CROATIAN REGISTER OF SHIPPING did undertake the relevant type approval procedure for the product identified below which was found to be in compliance with the essential requirements for exhaust emissions from propulsion engines of the Directive 2013/53/EU, Annex I, Part B.

1. Manufacturer's data:

Name of manufacturer:	MOTEURS BAUDOIN
Address:	Technoparc du Bregadan, 13260 CASSIS FRANCE
Place of production (if different from above):	Weichai Power Co.Ltd. Republic of China

2. Data on the product:

2.1

Recreational craft propulsion engine: Moteurs Baudouin

Type designation: 8F21

2.2 Product description:

Parent engine type: 8F21
Parent engine serial no.: 8M21-001

Engine types covered by the engine family:

Engine type	No. of cylinder	Rated power (kW)	Rated speed (rpm)
8F21	8	1000	2300
8F21	8	919	2300
8F21	8	809	2300

3. Limitations on the use of the product (if any): Diesel propulsion engine (compression ignition).....
4. References to the standards used/ test cycle: ISO 8178-4:2020/ E3: Marine diesel engines (propeller law)
E5: Diesel engines for small craft (propeller law).....

5. Technical documentation:

8F21 Marine Engine- Description Manual
8F21 Marine Engine- Installation Manual
8F21 Marine Engine- Operation and Maintenance Manual
Engine identification plate F21 series, Rev. 04/2022 A
Test protocol for F21 series, Rev.2

Results of examination

The engine family described above meets the essential requirements for exhaust emissions from propulsion engines of Recreational Craft Directive 2013/53/EU, Annex I, Part B regarding:

- I. B. 1. Propulsion Engine identification
- I. B. 2. Exhaust emission requirements
- I. B. 3. Durability
- I. B. 4. Owner's manual

Marking of product

This Certificate is concerned with the design of the product only. In order to fully meet with the requirements of the Directive and legally affix the CE mark, the manufacturer shall have the final product and/or production assessed according to one of the procedures listed below and finally draw up an EU declaration of conformity.

Conformity assessment procedures for product and/or production as described in Annex II of the Decision No 768/2008/EC of the European Parliament and of the Council:

- Conformity to type based on internal production control (Module C)
- Conformity to type based on internal production control plus supervised product testing (Module C1)
- Conformity to type based on quality assurance of the production process (Module D)
- Conformity to type based on product quality assurance (Module E)
- Conformity to type based on product verification (Module F)

Notes:

- This Certificate ceases to be valid for product, for which the design or construction of components, which influence its exhaust emissions, has been varied or modified from the type tested. The manufacturer has to notify the Croatian Register of Shipping of any modifications or changes made to the approved product.
- This Certificate ceases to be valid for product, when changes or amendments to the Directive or to the harmonized standards are made, which are related to the essential requirements for exhaust emissions from propulsion engines.

Issued by Croatian Register of Shipping, notified body number 2489

Place and date: Split, 2024-12-09.....

Seal

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Signature

Marinko Popović, dipl.ing.