

REGULATION No. 520/2006
on the survey and power rating of main engines in Icelandic ships

Article 1

The provisions of this Regulation apply to ships registered in the Icelandic Registry of Ships and which are subject to ship survey in accordance with the Ship Survey Act No. 35/1993, as amended.

The purpose of the Regulation is to ensure that the power of main engines is registered in a safe and harmonised way.

Article 2

For the purpose of this Regulation:

Power - means break power, i.e. the total output power of the ship's propulsion engines.

Owner – means registered owner of the ship according to the Registration of Ships Act No. 115/1985, as amended.

Article 3

An owner who wishes to register the power rating or alter the registered power rating of an engine, shall submit the necessary data to the satisfaction of the Icelandic Maritime Administration.

Article 4

When rated engine power is registered it shall be according to the total maximum continuous rated output load in kilowatts (kW) indicated by the manufacturer, for the type and model of the engine in question.

If the engine has been subjected to a performance test run with specific equipment producing different power output than specified above, the Icelandic Maritime Administration may register the power of the engine in accordance with those results, provided they are in accordance with certified documents from the manufacturer of the engine.

For new marine engines which are taken into use after 20 August 2003, the power shall be measured according to ISO standard 3046 or other relevant international and domestic standards.

Article 5

In case the continuous output power is unknown and the manufacturer specifies the power of an engine with regard to an *especially light* load, *light* load or *medium* load, the Icelandic Maritime Administration shall, notwithstanding the provisions in Article 4, register the power as follows:

1. If the power at an especially light load is known and the power at a light or medium load is unknown, the numerical value of the especially light load shall be multiplied with the factor 0.7 to find the power for registration.
2. If the power at a light load is known and the power at an especially light or medium load is unknown, the numerical value of the light load shall be multiplied with the factor 0.8 to find the power for registration.
3. If the power at a medium load is known, its numerical value shall be multiplied with the factor 0.9 to find the power for registration.

The above-mentioned computational method may not be used if the calculated power turns out to be more than 400 kW at a maximum continuous load.

Article 6

The registered power of an engine shall not be altered unless modifications are made to accessory equipment on the engine and affecting its power. In implementing this Regulation, modifications of the fuel system, including modifications of the accelerator, modifications of the supercharger, modifications of the cooling system and modifications of the electronic control system of an engine shall be considered modifications of the equipment of an engine. Modifications shall be subject to the approval of the Icelandic Maritime Administration and carried out under its supervision, or another party approved by the Administration according to written instructions by the engine manufacturer, or by the manufacturer or a party approved by the manufacturer.

Article 7

The type, production number, model, registered power and engine rotation speed shall be specified on a sign on the main engine.

The sign shall be made of permanent material and shall be securely fastened externally on the front of the engine or on top of it ensuring that it is clearly visible. The markings shall be easily legible and with distinct letters.

Article 8

No modifications may be made to the main engines and equipment affecting their power without the approval of the Icelandic Maritime Administration.

The Icelandic Maritime Administration, or other parties approved by the Administration, may perform intermediate surveys on ships' main propulsion engines to verify that the engines and their equipment conform to the registered power.

Article 9

The owner shall pay for the survey costs of the engines and their equipment, approval of drawings and other documents, and other surveys conducted by the officers of the Icelandic Maritime Administration, or another party approved by the Administration.

Article 10

A violation of the provisions of this Regulation shall be punishable according to Chapter VII of the Ship Survey Act No. 35/1993, Article 14 of the Certification of Marine Engineers serving on board Icelandic Ships Act No. 113/1984 and Articles 21 - 25 of the Registration of Ships Act No. 115/1985.

Article 11

This regulation, which is adopted in accordance with paragraph 5 of Article 3 of the Ship Survey Act No. 35/1993, as amended, Article 13 of the Certification of Marine Engineers serving on board Icelandic Ships Act No. 113/1984, as amended and Article 4 of the Registration of Ships Act No. 115/1985, as amended, is hereby ratified and shall enter into force immediately for all those concerned to comply with. At the same time, Regulation No. 610/2006 on the power rating of main engines, is repealed.

Ministry of Transport and Communications, 31 May 2006.

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