



Sulphur content of marine fuels in Iceland 2018

*– Report according to Council
Directive 1999/32/EC
June 2018*



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1. Introduction

1.1. Background Information

According to Council Directive 1999/32/EC, art. 7, Member States shall by 30 June of each year provide the Commission with a short report on the sulphur content of the liquid fuels falling within the scope of the Directive and used within their territory during the preceding calendar year. The report shall include:

- The quantity of fuel used.
- The calculated average sulphur content.
- A record of the total number of samples tested by fuel type.

This report contains the above information for marine fuel marketed in Iceland in the year 2018.

1.2. Details of those compiling the report

Table 1.1. Reporter details

Reporting year	2018
Country	Iceland
Date report completed	25. June 2019
Institute responsible for report	The Environment Agency of Iceland
Address of institute	Sudurlandsbraut 24, Reykjavik, Iceland
Person responsible for report	Eirikur Thorir Baldursson
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2. General information

2.1. Short description of the marine fuel used in Iceland

In Iceland, the most imported type of marine fuel is marine gasoil which makes up approximately 54,2% of the fuel imported in the year 2018. Other types of marine fuel used are marine diesel oil, which makes up approximately 27,9% of the fuel used, and heavy fuel oils, which makes up approximately 17,9% of the fuel used. These proportions are based on the total mass of the imported fuel types, since the different fuel types have different densities these numbers will be slightly different when using the volume of the fuels.

In 2018, the total amount of marine fuel used in Iceland was approximately 254 kilotonnes.

2.2. Short description of the marine fuel quality monitoring system

In Iceland, each fuel batch delivery is controlled by Fjölver surveyor and fuel inspection. The testing results of the fuel products are directly compared with the agreed product requirements and are accepted if the results are within given specifications. The data of delivered fuel batches are reported to the competent authority; The Environment Agency of Iceland.

3. Quality data for marine fuel in Iceland

All marine fuel imported to Iceland in 2018 was compliant with the regulation in force. The summary report for the relevant quality data, according to Council Directive 1999/32/EC, art. 7, for marine fuel collected in the year 2018 is shown in tables 3.1 and 3.2.

Table 3.1. The quantity of marine fuel used and statistics over sulphur content, combined results from chemical analyses of samples taken.

Fuel type	Quantity (litres at 15°C)	Sulphur content (%m/m)			Maximum national limit value (%m/m)
		Minimum	Maximum	Average	
Heavy fuel oils	72.063.222	0,57	2,00	1,36	3,5
Marine gasoil	162.144.043	0,03	0,1	0,09	0,1
Marine diesel oil	51.502.228	0,18	0,25	0,23	1,5

Table 3.2. Number of samples taken per month for each marine fuel type in 2018.

Month	Number of samples taken		
	Heavy fuel oils	Marine gasoil	Other gasoil
January	0	3	2
February	2	2	1
March	1	3	3
April	0	2	2
May	3	4	4
June	0	2	1
July	2	3	1
August	1	3	3
September	2	4	4
October	1	2	1
November	1	4	3
December	1	2	1
Total	14	34	26