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MINISTER FOR INFRASTRUCTURE
REGULATION

Tallinn No … of ……2024

Amendment to Regulation No 19 of the Minister for the Environment of 29 May 2019 on end-of-waste criteria for waste containing oil[1]

This Regulation is established on the basis of subsection 2 of § 2^1 of the Waste Act and subsection 4 of § 5 of the Product Conformity Act.

The Regulation of the Minister for the Environment of 29 May 2019 on end-of-waste criteria for waste containing oil is amended as follows:

1) subsection 1 of section 2 is supplemented with clauses 1^1 and 1^2 as follows:
'1^1) The light fraction of the fuel component is the fraction of the fuel component separated during the waste oil treatment process, of which 90 % or more of the volume distils at a temperature of 210 °C by ISO 3405, ASTM D 86 or other equivalent methods;

1^2) 'central fraction of the fuel component' means the fraction of the fuel component separated during the oil-containing waste treatment process, of which less than 65 % by volume distils at 250 °C and 85 % or more by volume at 350 °C by ISO 3405, ASTM D 86 or other equivalent methods;

2) in clause 4 of subsection 1 of section 2, the words 'in Annex 2 "Quality Indicators for the Fuel Component"' are replaced by the words 'in Annexes 2, 3 or 4';

3) section 3 is worded as follows:
'Waste containing oil shall cease to be waste if it has undergone a recovery operation, including recycling, the manufacturer of the fuel component has complied with the requirements laid down in this Regulation, documentation has been drawn up for placing the product on the market, and the fuel component complies with the quality parameters laid down for the respective fraction.';

4) subsection 6 (1) shall read as follows:
'(1) For the purpose of quality evaluation, a sample averaged over each batch shall be taken at the fuel component manufacturer, from which the quality characteristics specified in Annexes 2, 3 or 4 to this Regulation shall be determined according to the fraction of the fuel component.';

[1] Directive (EU) 2015/1535 of the European Parliament and of the Council laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services (OJ L 241, 17.9.2015, p. 1).

5) in subsection 3 of section 6, the words ‘in the absence of such standards, other reliable accredited’ are replaced by the words ‘other equivalent’;

6) clause 6 of subsection 4 of section 4 shall be read as follows:

‘4) according to the fraction of the fuel component, the quality parameters specified in Annexes 2, 3 or 4 to this Regulation;’

7) the words ‘or other petrochemical products’ are added to the text of section 9 after the words ‘liquid fuels’;

8) Annexes 1 and 2 to the Regulation are replaced by Annexes 1 and 2 to this Regulation;

9) the Regulation is supplemented by Annex 3 ‘Quality characteristics of the light fraction of the fuel component’ and Annex 4 ‘Quality characteristics of the middle fraction of the fuel component (attached)’;

10) the legislative drafting footnote of the Regulation shall be amended and worded as follows: ‘1 Directive (EU) 2015/1535 of the European Parliament and of the Council laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services (OJ L 241, 17.9.2015, p. 1).’.

Vladimir Svet
Minister for Infrastructure

Keit Kasemets
Secretary General

Annex 1. List of oil-containing wastes
Annex 2. Quality parameters of a fuel component
Annex 3. Quality indicators for the light fraction of the fuel component
Annex 4. Quality indicators for the middle distillate of the fuel component

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Annex 1

List of oil-containing wastes

Waste code	Name of waste
05 01 03*	Tank bottom sludges
05 01 05*	Oil spills
13 01 05*	Non-chlorinated emulsions
13 01 10*	Mineral based non-chlorinated hydraulic oils
13 01 11*	Synthetic hydraulic oils
13 01 13*	Other hydraulic oils
13 02 05*	Mineral based non-chlorinated engine, gear and lubricating oils
13 02 06*	Synthetic engine, gear and lubricating oils
13 02 08*	Other engine, gear and lubricating oils
13 03 07*	Mineral based non-chlorinated insulating and heat transmission oils
13 03 08*	Synthetic insulating and heat transmission oils
13 03 10*	Other insulating and heat transmission oils
13 04 01*	Bilge oils from inland navigation.
13 04 02*	Bilge oils received from jetty sewers
13 04 03*	Bilge oils from other navigation
13 05 02*	Sludges from oil/water separators
13 05 03*	Interceptor sludges
13 05 06*	Oil dissolved in oil separators
13 05 07*	Oily water from oil/water separators
13 07 01*	Fuel oil and diesel fuel
13 07 02*	Petrol
13 07 03*	Other fuels (including fuel mixtures)
13 08 02*	Other emulsions
16 07 08*	Waste containing oil
19 02 07*	Oil and concentrates from separation
19 02 08*	Liquid combustible wastes containing dangerous substances**

** Generated as a result of handling of wastes presented in this table.

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Annex 2

Quality parameters of a fuel component

Indicator	Test method	Requirement
Sulphur content, % w/w	EVS-EN ISO 8754 EVS-EN ISO 14596 EVS-EN ISO 13032 EVS-EN ISO 20846 EVS-EN ISO 20884	≤ 2.5
Hydrogen sulphide, mg/kg	IP570	≤ 2
Flash point C	EVS-EN ISO 2719 ASTM D93	> 25
Water content, % w/w	ISO 3733 EVS-EN ISO 12937	≤ 2.0
Ash content, % w/w	EVS-EN ISO 6245	< 0.25
PCB content, mg/kg**	Standard series EVS-EN 12766	< 1
Heavy metal content, mg/kg		
Mercury content	IP 594 AAS	< 5
Lead content	IP592 IP501 ASTM D5185 AAS	< 25
Zinc content	IP592 IP501 ASTM D5185 ICP-OES, AAS	< 200
Vanadium content	IP592 IP501 ASTM D5185 ICP-OES, AAS	< 150
Arsenic content	IP592 ICP-OES, AAS	< 5
Cadmium content	IP592 ICP-OES, AAS	< 5
Antimony content	IP592 ICP-OES, AAS	< 5
Chromium content	IP592 ASTM D5185 ICP-OES, AAS	< 5
Cobalt content	IP592 ASTM D5185	< 5
Copper content	IP592 ASTM D5185	< 40

	ICP-OES, AAS	
Manganese content	IP592 ASTM D5185 ICP-OES, AAS	< 5
Nickel content	IP592 IP501 ASTM D5185 ICP-OES, AAS	< 20
Thallium content	IP592 ICP-OES, AAS	< 5
Total organic halides (expressed as chlorides), mg/kg	ASTM D808 ASTM D4929 IP503	< 50

* Or another equivalent analysis method

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Annex 3

Quality indicators for the light fraction of the fuel component

Indicator	Test method	Requirement
Distilled part at 210 ºC	EVS-EN ISO 3405 ASTM D86	> 90 %
Hydrogen sulphide, mg/kg	UOP 163 IP570	≤ 2
Copper corrosion, determined by copper strip test (3 h at 50 °C)	EVS-EN ISO 2160 ASTM D130	Class 1
Sulphur content, % w/w	EVS-EN ISO 8754 EVS-EN ISO 14596 EVS-EN ISO 13032 EVS-EN ISO 20846 EVS-EN ISO 20884	≤ 1
Water content, % w/w	ISO 3733 EVS-EN ISO 12937	≤ 0.1
Manganese, mg/kg	ICP-OES, AAS ICP-MS	< 5.0
External aspect		Transparent and clear
PCB content, mg/kg**	Standard series EVS-EN 12766	< 1

* Or another equivalent analysis method

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Annex 4

Quality indicators for the middle distillate of the fuel component

Indicator	Test method	Requirement
Distilled part at 250 °C	EVS-EN ISO 3405 ASTM D 86	< 65 %
Distilled part at 350 °C	EVS-EN ISO 3405 ASTM D 86	> 85 %
Flash point, °C	EN ISO 2719 ASTM D 93	> 35
Ash content, % w/w	EN ISO 6245	< 0.25
Water content, % w/w	ISO 3733 EVS-EN ISO 12937	≤ 0.1
Hydrogen sulphide, mg/kg	UOP 163 IP570	≤ 2
Copper corrosion, determined by copper strip test (3 h at 50 °C)	EVS-EN ISO 2160 ASTM D 130	Class 1
Sulphur content, % w/w	EVS-EN ISO 8754 EVS-EN ISO 14596 EVS-EN ISO 13032 EVS-EN ISO 20846 EVS-EN ISO 20884 EVS-EN ISO 8754	≤ 1
Manganese, mg/kg	ICP-OES, AAS ICP-MS	< 5.0
External aspect		Transparent and clear
PCB content, mg/kg**	Standard series EVS-EN 12766	< 1

* Or another equivalent analysis method