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**No. S 322**

ENVIRONMENTAL PROTECTION AND MANAGEMENT ACT  
(CHAPTER 94A)

ENVIRONMENTAL PROTECTION AND MANAGEMENT  
(VEHICULAR EMISSIONS) (AMENDMENT NO. 2)  
REGULATIONS 2019

In exercise of the powers conferred by sections 12(5) and 77(1) of the Environmental Protection and Management Act, the National Environment Agency, with the approval of the Minister for the Environment and Water Resources, makes the following Regulations:

**Citation and commencement**

1. These Regulations are the Environmental Protection and Management (Vehicular Emissions) (Amendment No. 2) Regulations 2019 and come into operation on 1 July 2019.

**Deletion and substitution of regulation 11C**

2. Regulation 11C of the Environmental Protection and Management (Vehicular Emissions) Regulations (Rg 6) is deleted and the following regulation substituted therefor:

**“Testing methods**

**11C.** Unless the Director-General otherwise allows in any particular case, the standards specified in the Eighth Schedule must be tested in accordance with the appropriate testing methods most recently published by any of the following:

- (a) the American Society for Testing and Materials;
- (b) the European Committee for Standardization;
- (c) the International Organization for Standardization;
- (d) the United Kingdom Institute of Petroleum.”.

### Amendment of Eighth Schedule

3. The Eighth Schedule to the Environmental Protection and Management (Vehicular Emissions) Regulations is amended —

(a) by deleting Part 1 and substituting the following Part:

“PART 1

STANDARDS FOR DIESEL

1. The standards for diesel are as follows:

<i>Property</i>	<i>Unit</i>	<i>Limit</i>	
		<i>Minimum</i>	<i>Maximum</i>
(a) Sulphur content	ppm	—	10
(b) Cetane number	—	51	—
(c) Polyaromatics content	wt%	—	8
(d) Density at 15°C	kg/m <sup>3</sup>	—	845
(e) Temperature at which 95% is evaporated	°C	—	360
(f) Fatty acid methyl esters content	vol%	—	7
(g) Manganese content	g/L	—	0.002

2. The diesel must not contain any fatty acid methyl esters that do not meet the requirements set out in Table 1 of the document titled “Liquid petroleum products — Fatty acid methyl esters (FAME) for use in diesel engines and heating applications — Requirements and test methods” (BS EN 14214:2012) published by the British Standards Institution.”; and

(b) by inserting, immediately after item 10 in Part 2, the following items:

“

11. Methanol content	vol%	—	3
12. Manganese content	g/L	—	0.002

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13. Phosphorus — — 0  
content

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*[G.N. Nos. S 625/2008; S 564/2010; S 301/2012;  
S 765/2013; S 766/2013; S 199/2014; S 609/2014;  
S 372/2016; S 26/2017; S 396/2017; S 480/2017;  
S 781/2017; S 189/2018; S 420/2018; S 877/2018;  
S 57/2019]*

Made on 16 April 2019.

LEE CHUAN SENG  
*Chairman,  
National Environment Agency,  
Singapore.*

[NEA/LD/40 V. 2; AG/LEGIS/SL/94A/2015/6 Vol. 3]

(To be presented to Parliament under section 77(3) of the  
Environmental Protection and Management Act).