



1 Disember 2015
1 December 2015
P.U. (A) 282

WARTA KERAJAAN PERSEKUTUAN

FEDERAL GOVERNMENT GAZETTE

PERATURAN-PERATURAN KUALITI ALAM SEKELILING (KAWALAN KANDUNGAN PETROL DAN DIESEL) (PINDAAN) 2015

ENVIRONMENTAL QUALITY (CONTROL OF PETROL AND DIESEL PROPERTIES) (AMENDMENT) REGULATIONS 2015



DISIARKAN OLEH/
PUBLISHED BY
JABATAN PEGUAM NEGARA/
ATTORNEY GENERAL'S CHAMBERS

AKTA KUALITI ALAM SEKELILING 1974

PERATURAN-PERATURAN KUALITI ALAM SEKELILING
(KAWALAN KANDUNGAN PETROL DAN DIESEL) (PINDAAN) 2015

PADA menjalankan kuasa yang diberikan oleh seksyen 51 Akta Kualiti Alam Sekeliling 1974 [*Akta 127*], Menteri, selepas berunding dengan Majlis Kualiti Alam Sekeliling, membuat peraturan-peraturan yang berikut:

Nama

1. Peraturan-peraturan ini bolehlah dinamakan **Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Kandungan Petrol dan Diesel) (Pindaan) 2015**.

Pindaan peraturan 4

2. Peraturan-Peraturan Kualiti Alam Sekeliling (Kawalan Kandungan Petrol dan Diesel) 2007 [*P.U. (A) 145/2007*], yang disebut “Peraturan-Peraturan ibu” dalam Peraturan-Peraturan ini, dipinda dalam subperaturan 4(1)—

(a) dalam perenggan (a), dengan memasukkan selepas perkataan “Pertama” perkataan “, berkuat kuasa pada tarikh yang ditetapkan dalam ruangan (4) Jadual Pertama”; dan

(b) dalam perenggan (b), dengan memasukkan selepas perkataan “Kedua” perkataan “, berkuat kuasa pada tarikh yang ditetapkan dalam ruangan (4) Jadual Kedua”.

Penggantian Jadual Pertama

3. Peraturan-Peraturan ibu dipinda dengan menggantikan Jadual Pertama dengan jadual yang berikut:

“JADUAL PERTAMA
[Perenggan 4(1)(a)]

Piawaian Petrol Malaysia

(1) KANDUNGAN	(2) EURO 5		(3) KAEDAH UJIAN	(4) TARIKH DITETAPKAN
	MINIMUM	MAKSIMUM		
Jumlah sulfur	-	10 mg/kg	ASTM D5453	1 September 2025
Plumbum	-	0.005 g/l	ASTM D3237	1 September 2025
Penyulingan - Peratusan tersejat pada 100 °C	46% isipadu/ isipadu	-	EN ISO 3405/ IP 123	1 September 2026
- Peratusan tersejat pada 150 °C	75% isipadu/ isipadu	-		1 September 2026
Tekanan Wap Reid pada 37.8 °C	-	60 kPa	MS 2012	1 September 2026
Kandungan oksigen	-	3.7% jisim	EN 1601	1 September 2026
Pengoksigenan - Eter yang mengandungi lima atau lebih atom karbon per molekul	-	22% isipadu	ASTM D5599	1 September 2026
Benzena	-	1.0% isipadu	MS 1894	1 September 2027
Olefin	-	21% isipadu	ASTM D1319	1 September 2027
Aromatik	-	42% isipadu	ASTM D1319	1 September 2027

Penggantian Jadual Kedua

4. Peraturan-Peraturan ibu dipinda dengan menggantikan Jadual Kedua dengan jadual yang berikut:

“JADUAL KEDUA
[Perenggan 4(1)(b)]

Piawaian Diesel Malaysia

(1) KANDUNGAN	(2) EURO 5		(3) KAEDAH UJIAN	(4) TARIKH DITETAPKAN
	MINIMUM	MAKSIMUM		
Jumlah sulfur	-	10 mg/kg	MS 1891	1 September 2020
Nombor setana	49	-	MS 1895	1 September 2020
atau Indeks setana	49	-	MS 1890	1 September 2020
Ketumpatan pada 15 °C	-	845 kg/m ³	MS 1893	1 September 2021
Penyulingan pada 95 %	-	360 °C	MS 563	1 September 2021
Hidrokarbon aromatik polisiklik	-	8% jisim	EN 12916	1 September 2022

Dibuat 18 November 2015
[AS(S) 91/110/919/014 sk 05; PN(PU2)280/XVI]

DATO' SERI DR. WAN JUNAIDI BIN TUANKU JAAFAR
Menteri Sumber Asli dan Alam Sekitar

ENVIRONMENTAL QUALITY ACT 1974

ENVIRONMENTAL QUALITY (CONTROL OF PETROL AND DIESEL PROPERTIES)
(AMENDMENT) REGULATIONS 2015

IN exercise of the powers conferred by section 51 of the Environmental Quality Act 1974 [*Act 127*], the Minister, after consultation with the Environmental Quality Council, makes the following regulations:

Citation

1. These regulations may be cited as the **Environmental Quality (Control of Petrol and Diesel Properties) (Amendment) Regulations 2015**.

Amendment of regulation 4

2. The Environmental Quality (Control of Petrol and Diesel Properties) Regulations 2007 [*P.U. (A) 145/2007*], which are referred to as the “principal Regulations” in these Regulations, are amended in subregulation 4(1)—

(a) in paragraph *(a)*, by inserting after the word “Schedule” the words “, with effect from the date specified in column (4) of the First Schedule”; and

(b) in paragraph *(b)*, by inserting after the word “Schedule” the words “, with effect from the date specified in column (4) of the Second Schedule”.

Substitution of First Schedule

3. The principal Regulations are amended by substituting for the First Schedule the following schedule:

**“FIRST SCHEDULE
[Paragraph 4(1)(a)]**

Malaysian Petrol Standards

(1) PROPERTIES	(2) EURO 5		(3) TEST METHOD	(4) DATE OF OPERATION
	MINIMUM	MAXIMUM		
Total sulphur	-	10 mg/kg	ASTM D5453	1 September 2025
Lead	-	0.005 g/l	ASTM D3237	1 September 2025
Distillation				
- percentage evaporated at 100 °C	46% volume/ volume	-	EN ISO 3405/ IP 123	1 September 2026
- percentage evaporated at 150 °C	75% volume/ volume	-		1 September 2026
Reid Vapour pressure at 37.8 °C	-	60 kPa	MS 2012	1 September 2026
Oxygen content	-	3.7% mass	EN 1601	1 September 2026
Oxygenate - Ethers containing five or more carbon atoms per molecule	-	22% volume	ASTM D5599	1 September 2026
Benzene	-	1.0% volume	MS 1894	1 September 2027
Olefins	-	21% volume	ASTM D1319	1 September 2027
Aromatics	-	42% volume	ASTM D1319	1 September 2027

Substitution of Second Schedule

4. The principal Regulations are amended by substituting for the Second Schedule the following schedule:

“SECOND SCHEDULE
[Paragraph 4(1)(b)]

Malaysian Diesel Standards

(1) PROPERTIES	(2) EURO 5		(3) TEST METHOD	(4) DATE OF OPERATION
	MINIMUM	MAXIMUM		
Total Sulphur	-	10 mg/kg	MS 1891	1 September 2020
Cetane number	49	-	MS 1895	1 September 2020
or Cetane index	49	-	MS 1890	1 September 2020
Density at 15 °C	-	845 kg/m ³	MS 1893	1 September 2021
Distillation at 95 %	-	360 °C	MS 563	1 September 2021
Polycyclic aromatic hydrocarbons	-	8% mass	EN 12916	1 September 2022

Made 18 November 2015
[AS(S) 91/110/919/014 sk 05; PN(PU2)280/XVI]

DATO' SERI DR. WAN JUNAIDI BIN TUANKU JAAFAR
Minister of Natural Resources and Environment