

Regulations and other Acts

Gouvernement du Québec

O.C. 430-2020, 8 April 2020

Petroleum Products Act
(chapter P-30.01)

Volatility requirements for certain petroleum products for the period from 9 April 2020 to 30 June 2020

Regulation respecting volatility requirements for certain petroleum products for the period from 9 April 2020 to 30 June 2020

WHEREAS the first paragraph of section 5 of the Petroleum Products Act (chapter P-30.01) provides that the Government may, by regulation, determine standards and specifications relating to any petroleum product;

WHEREAS the Government made the Petroleum Products Regulation (chapter P-30.01, r. 2);

WHEREAS the Regulation establishes volatility requirements for automotive gasoline, oxygenated automotive gasoline containing ethanol and automotive fuel ethanol;

WHEREAS it is expedient to provide for special volatility requirements for those petroleum products for the period from 9 April 2020 to 30 June 2020;

WHEREAS, under paragraph 1 of section 12 of the Regulations Act (chapter R-18.1), a proposed regulation may be made without having been published as required by section 8 of that Act if the authority making it is of the opinion that the urgency of the situation requires it;

WHEREAS, under subparagraph 1 of the first paragraph of section 18 of that Act, a regulation may come into force on the date of its publication in the *Gazette officielle du Québec* where the authority making it is of the opinion that the urgency of the situation requires it;

WHEREAS, under sections 13 and 18 of that Act, the reasons justifying the absence of prior publication and the coming into force on the date of publication must be published with the regulation;

WHEREAS the Government is of the opinion that the urgency owing to the following circumstances warrants the absence of prior publication and the coming into force on the date of publication of the Regulation respecting volatility requirements for certain petroleum products for the period from 9 April 2020 to 30 June 2020:

— the economic consequences caused by the COVID-19 pandemic have led to a significant reduction in gasoline consumption and as a result, refiners, importers and distributors of petroleum products are faced with surpluses of higher volatility gasoline in their storage tanks that, as of 9 April 2020, would no longer meet the volatility requirements set out in the Petroleum Products Regulation making it impossible for the refiners, importers and distributors to fill their storage tanks with gasoline having a lower volatility that meets those requirements;

— this situation could affect the ability of refiners, importers and distributors of petroleum products to ensure an adequate supply of gasoline and fuel ethanol within Québec as of 9 April 2020;

— the establishment of special volatility requirements for automotive gasoline, oxygenated automotive gasoline containing ethanol and automotive fuel ethanol for the period from 9 April 2020 to 30 June 2020 will enable refiners, importers and distributors of petroleum products to ensure an adequate supply of those petroleum products and to comply with the applicable volatility requirements;

WHEREAS it is expedient to make the Regulation;

IT IS ORDERED, therefore, on the recommendation of the Minister of Energy and Natural Resources:

THAT the Regulation respecting volatility requirements for certain petroleum products for the period from 9 April 2020 to 30 June 2020, attached hereto, be made.

YVES OUELLET,
Clerk of the Conseil exécutif

Regulation respecting volatility requirements for certain petroleum products for the period from 9 April 2020 to 30 June 2020

Petroleum Products Act
(chapter P-30.01)

DIVISION I

STANDARDS RELATING TO CERTAIN PETROLEUM PRODUCTS

1. Despite the provisions of the second paragraph of section 2, the second paragraph of section 3, the second paragraph of section 4 and the first paragraph of section 12 of the Petroleum Products Regulation (chapter P-30.01, r. 2), for the period from 9 April 2020 to 30 June 2020, automotive gasoline, oxygenated automotive gasoline containing ethanol and automotive fuel ethanol must meet the requirements relating to points of compliance and volatility appearing in Schedule I.

DIVISION II

FINAL

2. This Regulation comes into force on the date of its publication in the *Gazette officielle du Québec*.

SCHEDULE I

(s. 1)

REQUIREMENTS RELATING TO POINTS OF COMPLIANCE AND GASOLINE VOLATILITY

The volatility requirements for gasoline, set out in Canadian General Standards Board standards CAN/CGSB-3.5-2016 – Automotive Gasoline, CAN/CGSB-3.511-2016 amendment No. 2 (2018) – Oxygenated Automotive Gasoline Containing Ethanol (E1-E10 and E11-E15) and CAN/CGSB-3.512-2018 – Automotive Ethanol Fuel (E50-E85 and E20-E25) apply to the refinery for products intended for sale, to points of importation and to points of blending (to the blended product), subject to the volatility characteristics set out in Tables 1 to 4. A point of importation is defined as a permanent or temporary tank, a cargo tank or a gasoline container from outside Québec.

For the period from 1 June 2020 to 30 June 2020, delivery of a product having volatility characteristics other than those specified in this Schedule is prohibited.

TABLE 1

VOLATILITY REQUIREMENTS FOR AUTOMOTIVE GASOLINE AND OXYGENATED AUTOMOTIVE GASOLINE CONTAINING ETHANOL IN GEOGRAPHIC ZONES “C”, “F” AND “H”

Volatility limit ⁽¹⁾

Geographic zone «C» – Centre du Québec

The portions of Québec north of 46° North latitude and south of 51° North latitude.

Geographic zone «F» – Nord du Québec

The portions of Québec between 51° and 55° North latitude.

Geographic zone “H” – Canadian arctic

The portions of Québec (Nunavik) north of 55° North latitude.

Month	Date	Vapour pressure		T10 Evaporation		T50 Evaporation		T90 Evaporation	Driveability index
		Min (kPa)	Max (kPa)	Min (°C)	Max (°C)	Min (°C)	Max (°C)	Max (°C)	Max (°C)
April	9 to 15	50	110	-	55	60	110	185	560
April	16 to 30	45	110	-	60	60	120	190	575
May	1 to 15	35	97	-	60	60	120	190	575

Month	Date	Vapour pressure		T10 Evaporation		T50 Evaporation		T90 Evaporation	Driveability index
		Min (kPa)	Max (kPa)	Min (°C)	Max (°C)	Min (°C)	Max (°C)	Max (°C)	Max (°C)
May	16 to 31	35	97	-	70	60	120	190	590
June	1 to 15	35	97	-	70	60	120	190	590
June	16 to 30	35	97	-	70	60	120	190	590
1 November to 31 March		85	110	-	50	60	110	185	540

¹⁾ When the fuel is delivered in summer or fall to be consumed in winter in the Canadian arctic, it must meet the volatility requirements appearing below for the period from 1 November to 31 March. The objective is to ensure cold start and heating performance.

Note: Use zones are those appearing in Figure 1

TABLE 2

VOLATILITY REQUIREMENTS FOR AUTOMOTIVE GASOLINE AND OXYGENATED AUTOMOTIVE GASOLINE CONTAINING ETHANOL IN GEOGRAPHIC ZONE “D”

Volatility limit		Geographic zone «D» – Sud du Québec The portions of Québec south of 46° North latitude, including the Seaway corridor subzone.							
Month	Date	Vapour pressure		T10 Evaporation		T50 Evaporation		T90 Evaporation	Driveability index ⁽²⁾
		Min (kPa)	Max (kPa)	Min (°C)	Max (°C)	Max (°C)	Max (°C)	Max (°C)	Max (°C)
April	9 to 15	45	110	-	60	60	120	185	575
April	16 to 30	35	110	-	70	60	120	190	590
May	1 to 15	35	97	-	70	60	120	190	590
May	16 to 31	35	97	-	70	60	120	190	590
June	1 to 15	35	97	-	70	60	120	190	590
June	16 to 30	35	97	-	70	60	120	190	590

⁽²⁾ If the maximum vapour pressure delivered is less than 72 kPa, then the maximum driveability index must be 597.

Note: Use zones are those appearing in Figure 1

TABLE 3

VOLATILITY REQUIREMENTS FOR AUTOMOTIVE ETHANOL FUEL IN GEOGRAPHIC ZONES “C”, “F” AND “H”

Volatility limit		Geographic zone «C» – Centre du Québec The portions of Québec north of 46° North latitude and south of 51° North latitude.				
		Geographic zone «F» – Nord du Québec The portions of Québec between 51° and 55° North latitude.				
		Geographic zone “H” – Canadian arctic The portions of Québec (Nunavik) north of 55° North latitude.				
Month	Date	Type 1 fuel (E50-E85)		Type 2 fuel (E20-E25)		
		Vapour pressure		Vapour pressure		Driveability index
		Min (kPa)	Min (kPa)	Min (kPa)	Max (kPa)	Max (°C)
April	9 to 15	65	110	50	110	560
April	16 to 30	45	110	45	110	575
May	1 to 15	45	97	45	97	590
May	16 to 31	45	97	35	97	590
June	1 to 15	35	97	35	97	590
June	16 to 30	35	97	35	97	590

Note: Use zones are those appearing in Figure 1

TABLE 4

VOLATILITY REQUIREMENTS FOR AUTOMOTIVE ETHANOL FUEL IN GEOGRAPHIC ZONE “D”

Volatility limit		Geographic zone «D» – Sud du Québec The portions of Québec south of 46° North latitude, including the Seaway corridor subzone.				
Month	Date	Type 1 fuel (E50-E85)		Type 2 fuel (E20-E25)		
		Vapour pressure		Vapour pressure		Driveability index ⁽²⁾
		Min (kPa)	Min (kPa)	Min (kPa)	Max (kPa)	Max (°C)
April	9 to 15	45	110	45	110	560
April	16 to 30	45	110	45	110	575
May	1 to 15	45	97	35	97	590

Month	Date	Type 1 fuel (E50-E85)		Type 2 fuel (E20-E25)		
		Vapour pressure		Vapour pressure		Driveability index ⁽²⁾
		Min (kPa)	Min (kPa)	Min (kPa)	Max (kPa)	
May	16 to 31	35	97	35	97	590
June	1 to 15	35	97	35	97	590
June	16 to 30	35	97	35	97	590

⁽²⁾ If the maximum vapour pressure delivered is less than 72 kPa, then the maximum driveability index must be 597.

Note: Use zones are those appearing in Figure 1

FIGURE 1

GEOGRAPHIC USE ZONES FOR AUTOMOTIVE GASOLINE, OXYGENATED AUTOMOTIVE GASOLINE CONTAINING ETHANOL AND AUTOMOTIVE ETHANOL FUEL

