

**Draft Order**

Petroleum Products Act  
(chapter P-30.01)

**Measurement methods and tools for the purposes of the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel**  
— Making

Notice is hereby given, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), that the Order of the Minister of Energy and Natural Resources concerning the measurement methods and tools for the purposes of the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel, appearing below, may be made by the Minister on the expiry of 45 days following this publication.

The draft Order determines the method for calculating the proportion of low-carbon-intensity fuel content integrated into gasoline and diesel fuel for a calendar year. It also provides for the measurement tool for determining the carbon intensity of a volume of low-carbon-intensity fuel content and the conditions of use.

Study of the matter has shown no impact on small and medium-sized businesses, since the fuel product distribution sector consists of large enterprises. On 1 January 2030, compliance with the standards regarding the integration of renewable fuel into gasoline and diesel fuel will total investments of \$186,000,000 in infrastructures for subjected enterprises.

Further information on the draft Order may be obtained by contacting Xavier Brosseau, Direction des approvisionnements et des biocombustibles, Ministère de l'Énergie et des Ressources naturelles, 5700, 4<sup>e</sup> Avenue Ouest, bureau A-422, Québec (Québec) G1H 6R1; telephone: 418 627-6385, extension 708351; fax: 418 644-1445; email: xavier.brosseau@mern.gouv.qc.ca.

Any person wishing to comment on the draft Order is requested to submit written comments within the 45-day period to Luce Asselin, Associate Deputy Minister for Energy, Ministère de l'Énergie et des Ressources naturelles, 5700, 4<sup>e</sup> Avenue Ouest, bureau A-407, Québec (Québec) G1H 6R1.

JONATAN JULIEN  
*Minister of Energy and Natural Resources*

**Order of the Minister of Energy and Natural Resources concerning the measurement methods and tools for the purposes of the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel**

Petroleum Products Act  
(chapter P-30.01, s. 5)

**DIVISION I**  
GENERAL

**1.** In this Order, “Regulation” used alone means the Regulation respecting the integration of low-carbon-intensity fuel content into gasoline and diesel fuel (*insert the reference to the Compilation of Québec Laws and Regulations*).

**DIVISION II**  
CALCULATION METHOD

**2.** The proportion of the volume of low-carbon-intensity fuel content integrated into the total volume of gasoline provided for in section 2 of the Regulation is calculated using the following formula:

$$\frac{A \times \frac{(B - C) + E - F - G + H + (I \times 1) - J}{D}}{K - L - M - N - O}$$

In the formula provided for in the first paragraph,

(1) the letter “A” represents the volume of low-carbon-intensity fuel content in the total volume of the gasoline distributed or used in Québec during a calendar year by the distributor, in litres;

(2) the letter “B” represents the value of the reference carbon intensity for gasoline, that is, 83.1 g of CO<sub>2</sub> equivalent per megajoule of energy produced;

(3) the letter “C” represents the weighted average value of the carbon intensity of the volumes of low-carbon-intensity fuel content integrated into the total volume of the gasoline distributed or used in Québec during a calendar year, in grams of CO<sub>2</sub> equivalent per megajoule of energy produced;

(4) the letter “D” represents the reduction in carbon intensity under section 4 of the Regulation and corresponds,

(a) until 31 December 2027, to 37.4 g of CO<sub>2</sub> equivalent per megajoule of energy produced;

(b) as of 1 January 2028, to 41.2 g of CO<sub>2</sub> equivalent per megajoule of energy produced;

(5) the letter “E” represents the volume of low-carbon-intensity fuel content corresponding to the credits purchased under section 9 of the Regulation for the purposes of section 2 of the Regulation, in litres;

(6) the letter “F” represents the volume of low-carbon-intensity fuel content corresponding to the credits sold under section 9 of the Regulation for the purposes of section 2 of the Regulation, in litres;

(7) the letter “G” represents the volume of low-carbon-intensity fuel content corresponding to the credits carried over under section 10 of the Regulation for the purposes of section 2 of the Regulation, in litres, without exceeding,

(a) with respect to the years 2023 and 2024, 0.5% of the volume of gasoline that the divisor (K – L – M – N – O) represents in the formula provided for in the first paragraph;

(b) with respect to the years 2025 to 2027, 0.6% of the volume of gasoline that the divisor (K – L – M – N – O) represents in the formula provided for in the first paragraph;

(c) with respect to the years 2028 and 2029, 0.7% of the volume of gasoline that the divisor (K – L – M – N – O) represents in the formula provided for in the first paragraph;

(d) with respect to a year beginning after 2029, 0.75% of the volume of gasoline that the divisor (K – L – M – N – O) represents in the formula provided for in the first paragraph;

(8) the letter “H” represents the volume of low-carbon-intensity fuel content corresponding to the credits of the previous calendar year carried over under section 10 of the Regulation for the purposes of section 2 of the Regulation, in litres;

(9) the letter “I” represents the volume of low-carbon-intensity fuel content integrated into diesel fuel corresponding to the credits established, purchased or carried over under section 11 of the Regulation, in litres;

(10) “1” represents the factor provided for in paragraph 2 of section 11 of the Regulation;

(11) the letter “J” represents the volume of low-carbon-intensity fuel content integrated into gasoline corresponding to the credits established, purchased or carried over under section 11 of the Regulation, in litres;

(12) the letter “K” represents the total volume of gasoline that a distributor distributes or uses in Québec during a calendar year, in litres;

(13) the letter “L” represents the volume of gasoline excluded under subparagraphs 1 and 2 of the first paragraph of section 5 of the Regulation, in litres;

(14) the letter “M” represents the volume of gasoline that a distributor distributes or uses in the exclusion zone A as delimited in Schedule I to the Regulation during a calendar year, in litres;

(15) the letter “N”, until 31 December 2024, represents the volume of gasoline that a distributor distributes or uses in the exclusion zone B as delimited in Schedule I to the Regulation during a calendar year, in litres, and after that date represents zero;

(16) the letter “O” represents the volume of premium gasoline that a distributor distributes or uses in Québec during a calendar year, in litres.

**3.** The proportion of the volume of low-carbon-intensity fuel content integrated into the total volume of diesel fuel provided for in section 3 of the Regulation is calculated using the following formula:

$$\frac{A \times \frac{(B - C)}{D} + E - F - G + H + (I \times 0,33) - J}{K - L - M - N}$$

In the formula provided for in the first paragraph,

(1) the letter “A” represents the volume of low-carbon-intensity fuel content in the total volume of the diesel fuel distributed or used in Québec during a calendar year by the distributor, in litres;

(2) the letter “B” represents the value of the reference carbon intensity for diesel, that is, 92.9 g of CO<sub>2</sub> equivalent per megajoule of energy produced;

(3) the letter “C” represents the weighted average value of the carbon intensity of the low-carbon-intensity fuel content integrated into the total volume of the diesel fuel distributed or used in Québec during a calendar year, in grams of CO<sub>2</sub> equivalent per megajoule of energy produced;

(4) the letter “D” represents the reduction in carbon intensity under section 4 of the Regulation and corresponds,

(a) until 31 December 2027, to 65.0 g of CO<sub>2</sub> equivalent per megajoule of energy produced;

(b) as of 1 January 2028, to 69.7 g of CO<sub>2</sub> equivalent per megajoule of energy produced;

(5) the letter “E” represents the volume of low-carbon-intensity fuel content corresponding to the credits purchased under section 9 of the Regulation for the purposes of section 3 of the Regulation, in litres;

(6) the letter “F” represents the volume of low-carbon-intensity fuel content corresponding to the credits sold under section 9 of the Regulation for the purposes of section 3 of the Regulation, in litres;

(7) the letter “G” represents the volume of low-carbon-intensity fuel content corresponding to the credits carried over under section 10 of the Regulation for the purposes of section 3 of the Regulation, in litres, without exceeding,

(a) with respect to the years 2023 and 2024, 0.15% of the volume of diesel fuel that the divisor (K – L – M – N) represents in the formula provided for in the first paragraph;

(b) with respect to the years 2025 to 2029, 0.25% of the volume of diesel fuel that the divisor (K – L – M – N) represents in the formula provided for in the first paragraph;

(c) with respect to a year beginning after 2029, 0.5% of the volume of diesel fuel that the divisor (K – L – M – N) represents in the formula provided for in the first paragraph;

(8) the letter “H” represents the volume of low-carbon-intensity fuel content corresponding to the credits of the previous calendar year carried over under section 10 of the Regulation for the purposes of section 3 of the Regulation, in litres;

(9) the letter “I” represents the volume of low-carbon-intensity fuel content integrated into gasoline corresponding to the credits established, purchased or carried over under section 11 of the Regulation, in litres;

(10) “0.33” represents the factor provided for in paragraph 1 of section 11 of the Regulation;

(11) the letter “J” represents the volume of low-carbon-intensity fuel content integrated into diesel fuel corresponding to the credits established, purchased or carried over under section 11 of the Regulation, in litres;

(12) the letter “K” represents the total volume of diesel fuel that a distributor distributes or uses in Québec during a calendar year, in litres;

(13) the letter “L” represents the volume of diesel fuel excluded under subparagraphs 1 to 3 of the first paragraph of section 6 of the Regulation, in litres;

(14) the letter “M” represents the volume of diesel fuel that a distributor distributes or uses in the exclusion zone A as delimited in Schedule I to the Regulation during a calendar year, in litres;

(15) the letter “N”, until 31 December 2024, represents the volume of diesel fuel that a distributor distributes or uses in the exclusion zone B as delimited in Schedule I to the Regulation during a calendar year, in litres, and after that date represents zero.

### DIVISION III CARBON INTENSITY MEASUREMENT TOOL

**4.** The carbon intensity of low-carbon-intensity fuel content and the reference carbon intensity for gasoline and diesel fuel are determined using the GHGenius software, version 4.03c, available on request from Environment and Climate Change Canada at [ec.modeleacvcarburant-fucllcamodel.ec@canada.ca](mailto:ec.modeleacvcarburant-fucllcamodel.ec@canada.ca), in compliance with the conditions provided for in this Division.

For the purposes of this Division, “software” used alone means the software referred to in the first paragraph.

When using the software, the value “2” corresponding to the values for 2007 as global warming potential of the Intergovernmental Panel on Climate Change must be selected in cell B6 identified “GWP selector” in the sheet “Input” and, for transportation in Québec, a value of “80” must be entered in line 96 identified “Truck” in the sheet “Input” in the column corresponding to the type of low-carbon-intensity fuel content concerned.

**5.** The data entered into the software must come from a facility that has been manufacturing low-carbon-intensity fuel content in continuous operation for at least 12 months.

Despite the first paragraph, where a facility that manufactures low-carbon-intensity fuel content has been in operation for 6 to 12 consecutive months, the data entered into the software is the data from an estimate

over a period of 12 months using the available data. Where the data for at least 12 months becomes available, it must replace the estimated data entered into the software.

**6.** The data entered into the software must be reliable and objective. Except for data concerning transportation, the data must also come from a measurable value from direct measurement or a calculation based on direct measurements.

**7.** The data must be entered using either of the following allocation methods:

(1) specific allocation: a separate carbon intensity is determined annually on the basis of each eligible material used in the manufacture of low-carbon-intensity fuel content and its origin;

(2) average base: a carbon intensity is determined annually on the basis of the weighted mass average base of all eligible materials used in the manufacture of low-carbon-intensity fuel content.

**8.** Where the low-carbon-intensity fuel content has been determined for 1 year, it is considered to be the same for the subsequent years if it is estimated that there has been no change having an impact on the data entered into the software that would result in a change of more than 5%.

#### DIVISION IV FINAL

**9.** This Order comes into force on the fifteenth day following the date of its publication in the *Gazette officielle du Québec*.

105035

### Draft Regulation

Professional Code  
(chapter C-26)

**Medical imaging technologists, radiation oncology technologists or medical electrophysiology technologists**  
— **Professional activities that may be engaged in by persons other than medical imaging technologists, radiation oncology technologists or medical electrophysiology technologists**

Notice is hereby given, in accordance with sections 10 and 11 of the Regulations Act (chapter R-18.1), that the Regulation respecting the professional activities that may

be engaged in by persons other than medical imaging technologists, radiation oncology technologists or medical electrophysiology technologists, made by the board of directors of the Ordre des technologues en imagerie médicale, en radio-oncologie et en électrophysiologie médicale du Québec and appearing below, is published as a draft and may be examined by the Office des professions du Québec then submitted to the Government which may approve it, with or without amendment, on the expiry of 45 days following this publication.

The draft Regulation allows, on certain conditions, candidates who are eligible and registered for a professional examination of the Order to engage in professional activities, among those that may be engaged in by holders of the permit to which the examination gives access.

It also revises and updates the terms and conditions on which a person in the process of obtaining any of the permits issued by the Order may, during a program of studies, training or training period, engage in professional activities among those that may be engaged in by holders of the permit.

The draft Regulation has no impact on the public or on enterprises, including small and medium-sized businesses.

Further information on the draft Regulation may be obtained by contacting Laurence Rey El fatih, director of professional and legal affairs and secretary of the disciplinary council, Ordre des technologues en imagerie médicale, en radio-oncologie et en électrophysiologie médicale du Québec, 6455, rue Jean-Talon Est, bureau 401, Saint-Léonard (Québec) H1S 3E8; telephone: 514 351-0052, extension 229, or 1-800-361-8759, extension 229; email: lreylfatih@otimroepmq.ca.

Any person wishing to comment on the draft Regulation is requested to submit written comments within the 45-day period to Roxanne Guévin, secretary of the Office des professions du Québec, 800, place D'Youville, 10<sup>e</sup> étage, Québec (Québec) G1R 5Z3; email: secretariat@opq.gouv.qc.ca. The comments will be forwarded by the Office to the Minister of Higher Education and may also be sent to the professional order that made the Regulation as well as to interested persons, departments and bodies.

ROXANNE GUÉVIN  
*Secretary of the Office des professions du Québec*

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