



**THE NEWFOUNDLAND
AND LABRADOR GAZETTE**
EXTRAORDINARY

Part II

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ST. JOHN'S, TUESDAY, MARCH 7, 2017

**NEWFOUNDLAND AND LABRADOR
REGULATIONS**

NLR 13/17

NLR 14/17



**NEWFOUNDLAND AND LABRADOR
REGULATION 13/17**

*Proclamation bringing sections 4, 10, 11, 26 and 29 into force
(SNL2016 cM-1.001)*

under the

*Management of Greenhouse Gas Act
(O.C. 2017-089)*

(Filed March 7, 2017)

*ELIZABETH THE SECOND, by the Grace of God of the
United Kingdom, Canada and Her Other Realms and Territories
QUEEN, Head of the Commonwealth, Defender of the Faith.*

ANDREW PARSONS
Attorney General

J. DEREK GREEN
Administrator

TO ALL TO WHOM THESE PRESENTS SHALL COME,

GREETING;

A PROCLAMATION

WHEREAS in and by section 31 of “*An Act to Regulate Greenhouse Gas Emissions from Industrial Facilities in the Province*,” Statutes of Newfoundland and Labrador 2016, Chapter M-1.001 (the “Act”), it is provided that the Act or a section, subsection, paragraph or subparagraph of the Act, comes into force on a day or days to be proclaimed by the Lieutenant Governor in Council;

AND WHEREAS it is deemed expedient that sections 4, 10, 11, 26 and 29 of the Act shall now come into force;

NOW KNOW YE, THAT WE, by and with the advice of Our Executive Council of Our Province of Newfoundland and Labrador, do by this our Proclamation declare and direct that sections 4, 10, 11, 26 and 29 of “*An Act to Regulate Greenhouse Gas Emissions from Industrial Facilities in the Province*,” Statutes of Newfoundland and Labrador 2016, Chapter M-1.001 shall come into force on the date of publication of this proclamation in *The Newfoundland and Labrador Gazette*.

*Proclamation bringing an Act to Regulate
Greenhouse Gas Emissions from Industrial
Facilities in the Province into force
(In force March 7, 2017)*

13/17

OF ALL WHICH OUR LOVING SUBJECTS AND ALL OTHERS
whom these Presents may concern are hereby required to take notice
and to govern themselves accordingly.

IN TESTIMONY WHEREOF WE have caused these Our Letters to be
made Patent and the Great Seal of Newfoundland and Labrador to
hereunto affixed.

WITNESS: Our trusty and well-beloved the
Honourable J. Derek Green,
Chief Justice of Newfoundland and Labrador,
Court of Appeal, Administrator in and for
Our Province of Newfoundland and Labrador.

AT OUR GOVERNMENT HOUSE
In Our City of St. John's this 6th day of March
in the year of Our Lord two thousand and seventeen
in the sixty-sixth year of Our Reign.

BY COMMAND,

EDDIE JOYCE
Registrar General



NEWFOUNDLAND AND LABRADOR REGULATION 14/17

Management of Greenhouse Gas Reporting Regulations
under the
Management of Greenhouse Gas Act

(Filed March 7, 2017)

Under the authority of section 29 of the *Management of Greenhouse Gas Act*, I make the following regulations.

Dated at St. John's, February 22, 2017.

Perry Trimper
Minister Responsible for Climate Change

REGULATIONS

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*Management of Greenhouse Gas
Reporting Regulations*

14/17

Schedule A

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Short title

1. These regulations may be cited as the *Management of Greenhouse Gas Reporting Regulations*.

Interpretation

2. (1) In these regulations

- (a) "Act" means the *Management of Greenhouse Gas Act*;
- (b) "biomass" means non-fossilized plants or parts of plants, animal waste or any product made of either of these and includes biomass derived fuels, wood and wood products, agricultural residues and waste and biologically derived organic matter found in municipal and industrial wastes;
- (c) "carbon sequestration" means
 - (i) the process of removing carbon dioxide from the atmosphere and depositing it in an underground reservoir, and
 - (ii) the process of removing carbon dioxide from flue gasses and depositing it in an underground reservoir;
- (d) "conflict of interest report" means a report that includes
 - (i) an assessment of threats to independence,
 - (ii) strategies for mitigating threats to independence, and
 - (iii) a report on implementation of the strategies referred to in subparagraph (ii);
- (e) "emissions factor" means the average emission rate of a greenhouse gas for a source relative to a unit of activity;
- (f) "emissions report" means the annual report regarding greenhouse gas emissions referred to in section 10 of the Act;

- (g) "flue gas" means exhaust gas entering the atmosphere via a pipe or channel from a fireplace, oven, furnace, boiler or steam generator;
- (h) "independent peer reviewer" means an individual employed or contracted by a verification body to provide an independent peer review of the verification;
- (i) "ISO 14064-3" means standard ISO 14064-3, published by the International Organization for Standardization and entitled "Greenhouse Gases - Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions", as amended from time to time;
- (j) "ISO 14065" means standard ISO 14065, published by the International Organization for Standardization and entitled "Greenhouse Gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition", as amended from time to time;
- (k) "lead verifier" means the individual employed or contracted by the verification body who is responsible for expressing the opinion of the verification body on the correctness and accuracy of the contents of the verification report and verification statement;
- (l) "NAICS code" means the 6 digit code applicable to one or more producing units within an industrial facility under the North American Industrial Classification System (NAICS) Canada, 2007, published by Statistics Canada, as amended from time to time;
- (m) "reporting period" means
 - (i) for an industrial facility that was operating before 2016, the calendar year starting January 1, 2016,
 - (ii) for an industrial facility that started operating after January 1, 2016, the period beginning on the day the industrial facility started to operate and ending on the last day of that calendar year, and

- (iii) each calendar year following the calendar year referred to in subparagraph (i) or (ii);
- (n) "source categories" means the source categories listed in subsection 5(1);
- (o) "threat to independence" means a factor that might reasonably be expected to potentially reduce the ability of a member of a verification team, an independent peer reviewer or a verification body to fulfil his, her or its role in the verification in an ethical, objective and independent manner and includes a verification body, member of a verification team or an independent peer reviewer
 - (i) having a direct or indirect financial interest in the industrial facility,
 - (ii) being in a position of reviewing his, her or its work,
 - (iii) promoting or being perceived to promote the owner of the industrial facility or the operator's position or opinion to the point that objectivity may, or may be perceived to be, compromised,
 - (iv) having familiarity or a relationship with the owner of the industrial facility, the operator or its staff that decreases appropriate reliance on objective evidence, and
 - (v) having a perception of being intimidated or coerced;
- (p) "verification body" means a person that is accredited by a member of the International Accreditation Forum in accordance with ISO 14065;
- (q) "verification report" means a written report referred to in section 16; and
- (r) "verification statement" means a written declaration by a verification body that attests as to whether or not an emissions report is free of material errors, omissions or misrepresentations and whether the emissions report conforms to the requirements of these regulations.

(2) In these regulations, a reference to "WCI" and a number refers to a standard set out by the Western Climate Initiative's Final Requirements of Mandatory Reporting designated by that number, as amended from time to time and, where the number refers to a heading within the Final Essential Requirements of Mandatory Reporting, includes all the standards under that heading.

Hydrofluorocarbons
and perfluorocarbons

3. (1) For the purpose of subparagraph 2(f)(iv) of the Act, the categories of hydrofluorocarbons listed in Schedule A are included in the definition of greenhouse gas.

(2) For the purpose of subparagraph 2(f)(v) of the Act, the categories of perfluorocarbons listed in Schedule B are included in the definition of greenhouse gas.

Carbon dioxide
equivalent

4. For the purpose of paragraph 2(a) of the Act, the carbon dioxide equivalent of a greenhouse gas is calculated as follows:

$$E = \text{GHG} \times \text{GWP}$$

where

E = carbon dioxide equivalent;

GHG = mass of greenhouse gas; and

GWP = global warming potential for the greenhouse gas, as set out in Column 3 of the table in Schedule C

Application

5. (1) These regulations apply to an operator who generates a greenhouse gas set out in Schedule C if generated from any of the following source categories at an industrial facility:

- (a) general stationary combustion;
- (b) refinery fuel gas combustion;
- (c) electricity generation;
- (d) mobile equipment;
- (e) petroleum refining;

- (f) hydrogen production;
- (g) iron and steel manufacturing;
- (h) nickel and copper metal production; and
- (i) lime manufacturing.

(2) The source categories referred to in subsection (1) have the same meaning as in the Western Climate Initiative's Final Essential Requirements of Mandatory Reporting.

Quantification of
carbon dioxide
equivalent

6. (1) An operator shall ensure that the carbon dioxide equivalent generated from all source categories at the industrial facility shall be quantified in accordance with this section.

(2) The total mass of each greenhouse gas that is generated from all source categories at the industrial facility shall be quantified using the standard quantification methods set out for each source category in the WCI standard referred to in Schedule D.

(3) Notwithstanding subsection (2), where the WCI standard referred to in Schedule D does not have a quantification method for one or more greenhouse gases generated from a source category at the industrial facility, the operator may quantify the greenhouse gas using a method approved by the minister.

(4) Notwithstanding subsection (2), greenhouse gas generated from a source category referred to in paragraphs 5(1)(e) to (i) may be quantified using an alternative quantification method approved by the minister, where the minister is satisfied that the resulting emissions estimates are at least as accurate as the WCI standard.

(5) Notwithstanding subsection (2), greenhouse gas generated from one or more sources within a source category may be quantified using methods other than the methods set out in the WCI standard referred to in Schedule D, where the total amount of all carbon dioxide equivalent quantified using the methods that are not set out in WCI standards referred to in Schedule D does not exceed the lesser of,

- (a) 3% of the total carbon dioxide equivalent generated from all source categories at the industrial facility; and

(b) 20,000 tonnes.

(6) The total mass of carbon dioxide equivalent generated from all source categories at the industrial facility shall be calculated as follows:

$$E = \sum_{i=1}^n GHG_i \times GWP_i$$

where

E = carbon dioxide equivalent generated from all source categories at the industrial facility in tonnes per reporting period,

GHG_i = total mass of the greenhouse gas generated from all source categories at the industrial facility in tonnes per reporting period,

GWP_i = global warming potential for the greenhouse gas, as set out in Column 3 of the Table in Schedule C,

n = the number of greenhouse gases generated by the industrial facility, and

i = the greenhouse gas.

(7) If the total mass of carbon dioxide equivalent generated from all source categories at the industrial facility, as quantified in accordance with this section, is not a whole number when expressed in tonnes, the number shall be rounded up to the nearest tonne.

(8) Except if subsection (5) applies in respect of quantifications, if the WCI standard referred to in Schedule D provides a choice of calculation methods for a source, the operator shall select one calculation method and continue to use that method for all subsequent quantifications, unless written consent to use another method is obtained from the minister.

Emissions report

7. (1) An emissions report shall be submitted to the minister on or before June 1 of the calendar year immediately following the reporting period.

(2) Notwithstanding subsection (1), if an industrial facility closes permanently before the end of a reporting period, the end of that reporting period is considered to be the last day on which the industrial facility operated.

(3) All greenhouse gas emissions reported under these regulations shall be reported in metric tonnes of carbon dioxide equivalent.

(4) An emissions report shall be in writing and shall include

- (a) the name and address of the industrial facility;
- (b) the name of the owner of the industrial facility;
- (c) the name of the operator;
- (d) the name of the individual designated by the operator to sign on behalf of the operator;
- (e) the business number assigned to the industrial facility by the Canada Revenue Agency;
- (f) the NAICS code of the industrial facility;
- (g) the National Pollutant Release Inventory number assigned to the industrial facility by Environment and Climate Change Canada;
- (h) the reporting period for which the emissions report is submitted;
- (i) the date on which the emissions report is submitted;
- (j) the total carbon dioxide equivalent generated from all source categories at the industrial facility, as quantified in accordance with section 6;
- (k) the total carbon dioxide generated from the combustion of biomass;
- (l) the total greenhouse gas emissions sequestered through carbon sequestration activities, including an explanation of

how the greenhouse gas emissions were used, transferred or stored;

- (m) the quantity of each greenhouse gas set out in Schedule C that was generated from each of the source categories at the industrial facility;
- (n) emissions factors in respect of the greenhouse gases generated at the industrial facility in accordance with the standard quantification methods set out in the WCI standards referred to in Schedule D;
- (o) emissions factors used where the emissions factors used differ from the emissions factors used in the standard quantification methods set out in the WCI standards referred to in Schedule D;
- (p) the amount of carbon dioxide equivalent quantified for each source category in accordance with subsection 6(6);
- (q) the annual volume of product the industrial facility produces;
- (r) the standard quantification methods set out in the WCI standards referred to in Schedule D used at the industrial facility for quantifying the greenhouse gases or another method allowed under subsection 6(3), (4) or (5);
- (s) the emission estimation method used at the industrial facility; and
- (t) a statement signed and dated by the individual designated by the operator to sign on behalf of the operator, certifying that
 - (i) he or she has examined the emissions report to ensure that it is complete and accurate,
 - (ii) the emissions report has been prepared in accordance with these regulations, and
 - (iii) the statements and information contained in the emissions report are true to the best of his or her knowledge.

(5) For the purposes of paragraph (4)(q), an operator shall, before the first reporting period, submit to the minister for approval his or her proposed method of measuring the product the industrial facility produces.

(6) Where an operator changes one or more of the products the industrial facility produces and the operator is of the opinion that the change impacts the method approved under subsection (5), the operator shall, before the next reporting period after the change,

(a) notify the minister of the change; and

(b) submit a proposed revised method of measuring the products the industrial facility produces to the minister for approval.

(7) Once the minister has approved a proposed method under subsection (5) or (6), the operator shall continue to use that method until

(a) the operator proposes a new method of measuring the products the industrial facility produces and the minister approves the new proposed method; or

(b) the minister determines that a new method of measuring the products the industrial facility produces is more appropriate.

(8) Where an industrial facility that was not previously subject to the Act and these regulations has emitted 15,000 tonnes of carbon dioxide equivalent as of December 31 of a calendar year the operator shall, by March 31 of the following calendar year, notify the minister in writing that the industrial facility has emitted at least 15,000 tonnes of carbon dioxide equivalent in that calendar year.

Annual volume of
production report

8. (1) An operator shall submit, at the time it submits its first emissions report a report regarding the annual volume of product the industrial facility produced during the previous 4 year period.

(2) In the report referred to in subsection (1) the method of measurement shall be the same method proposed by the operator and approved by the minister under subsection 7(5).

(3) Notwithstanding subsection (2), where it is not reasonably practicable for the industrial facility to use the method referred to in

subsection (2), the operator shall provide all reports and documentation relating to the volume of product the industrial facility produced during the previous 4 year period that the operator submitted to the Department of Environment and Climate Change as required under a Certificate of Approval issued under the *Environmental Protection Act*.

Prior reports

9. Where an industrial facility is required to report its greenhouse gas emissions to Environment and Climate Change Canada under section 46 of the *Canadian Environmental Protection Act, 1999*, the operator shall submit, at the time it submits its first emissions report, all reports and documentation that it submitted to Environment and Climate Change Canada for the previous 4 year period.

Revised emissions
report

10. (1) Where an operator becomes aware of an error, omission or misrepresentation in an emissions report that has been prepared and submitted to the minister, he or she shall submit a revised emissions report to the minister.

(2) A revised emissions report shall include

(a) a description of the difference between the emissions report and the revised emissions report, including the reasons for the difference; and

(b) a statement signed and dated by the individual designated by the operator to sign on behalf of the operator stating that

(i) the revised emissions report is complete and accurate,

(ii) the revised emissions report has been prepared in accordance with these regulations, and

(iii) the statements and information contained in the revised emissions report are true to the best of his or her knowledge.

(3) Notwithstanding subsection (1), a revised emissions report is not required to be submitted to the minister if the difference between

(a) the carbon dioxide equivalent of the total greenhouse gas emissions attributable to the industrial facility during a reporting period as reported in the emissions report for the same reporting period; and

- (b) the carbon dioxide equivalent of the total greenhouse gas emissions attributable to the industrial facility during that reporting period calculated in accordance with these regulations,

does not exceed the lesser of 1% or 1000 tonnes of total carbon dioxide equivalent of the greenhouse gas emissions attributable to the industrial facility during the reporting period as reported in the emissions report.

(4) A revised emissions report shall be submitted to the minister within 60 days of the operator becoming aware of the error, omission or misrepresentation.

(5) Where a revised emissions report is required under this section and the emissions report has already been verified by a verification body, the operator shall include a revised verification report and verification statement with the revised emissions report.

Requirement for
verification of
emissions report

11. (1) Where an industrial facility emits 25,000 tonnes of carbon dioxide equivalent or more of greenhouse gases in a year, the operator shall have a verification body conduct a verification of the emissions report.

(2) Notwithstanding subsection (1), a verification is not required for the year in which an industrial facility permanently closes.

Verification team

12. In establishing a verification team for the purposes of conducting verifications under these regulations, a verification body shall ensure that

- (a) the verification body is in compliance with ISO 14065, as it relates to verification teams;
- (b) a verification team meets the requirements for a verifier set out in ISO 14064-3; and
- (c) a person selected to form part of a verification team does not subcontract the conduct of verifications to another person.

Peer review

13. A verification body shall ensure that each verification that it conducts for the purposes of these regulations is reviewed by an independent peer reviewer in accordance with ISO 14065, as it relates to verification activities.

Conflict of interest

14. (1) A member of a verification team shall, before the verification, ensure that he or she is free of any potential threat to independence in relation to the verification.

(2) Notwithstanding subsection (1), a member of a verification team that is not free of any potential threat to independence in relation to the verification may participate in the verification if, before the verification, he or she establishes and documents strategies for mitigating any threat to independence, and during the verification complies with those strategies so that a reasonable person would conclude that the potential for the threat to independence to influence the objectivity of the verification is insignificant.

Verification of emissions report

15. (1) A verification body that conducts a verification under these regulations shall ensure that the verification complies with ISO 14064-3.

(2) The verification shall include

- (a) a review of records relevant to the verification;
- (b) an assessment of the sources and magnitude of potential errors, omissions and misrepresentations for the purposes of designing an appropriate verification plan;
- (c) a verification plan, including a sampling plan;
- (d) site visits;
- (e) application of verification procedures at a reasonable level of assurance notwithstanding that ISO 14064-3 may permit another level of assurance;
- (f) an evaluation of the consistency of the emissions report and the methodologies used to quantify emissions with the requirements in these regulations; and
- (g) an assessment of the materiality of any errors, omissions or misrepresentations identified.

(3) Notwithstanding that ISO 14064-3 may permit another level of assurance, the verification of an emissions report shall be conducted

for the purposes of determining whether there is a reasonable level of assurance that the emission report

- (a) does not contain any material discrepancy; and
- (b) was prepared in accordance with these regulations.

(4) For the purpose of subsection (3), a verification body shall determine that there is a reasonable level of assurance that there is a material discrepancy if it determines, after verifying the emissions report, that either

- (a) the percent discrepancy in the total carbon dioxide equivalent reported results in more than a 5% discrepancy, based on the following formula:

$$PD = (SOU/TRE \times 100)$$

where

PD = percent discrepancy,

SOU = the net result of summing overstatements and understatements from errors, omissions and misrepresentations in tonnes of carbon dioxide equivalent,

TRE = the total carbon dioxide equivalent reported under paragraph 7(4)(j),

or

- (b) the individual or aggregate effect of one or more errors, omissions or misrepresentations identified in the course of verification makes it probable that there is more than a 5% discrepancy in the total carbon dioxide equivalent reported under paragraph 7(4)(j).

Verification report

16. (1) After conducting a verification of an emissions report under these regulations, the verification body shall prepare and submit to the operator a verification report.

- (2) A verification report shall include

- (a) the name and business address of the verification body;
- (b) the name of the lead verifier;
- (c) satisfactory proof that the members of the verification team meet ISO 14064-3 and 14065 requirements;
- (d) the name, address and operator of the industrial facility;
- (e) the date of the verification report;
- (f) a summary of the work the verification body performed as part of the verification, including a description of
 - (i) the verification procedures used to test the data included in the emissions report, and
 - (ii) the additional information, not in the emissions report, that was directly or indirectly relied on by the verification body in the course of conducting the verification;
- (g) verified estimates of the information required under paragraphs 7(4)(j) to (m) and (p);
- (h) the date of every site visit that was conducted;
- (i) a signed declaration by the lead verifier that
 - (i) the verification body is an accredited verification body,
 - (ii) the evidence obtained during the verification is sufficient and appropriate to support the verification opinion,
 - (iii) the verification statement is true, accurate and complete, and
 - (iv) the verification work documented in the verification statement was conducted in accordance with these regulations;
- (j) a signed declaration from an independent peer reviewer that

(i) the independent peer reviewer was not involved in the verification documented in the verification report, other than providing an independent peer review, and

(ii) the verification used to produce the verification report was appropriate; and

(k) a conflict of interest report.

Verification
statement

17. (1) In addition to a verification report, a verification body shall prepare and submit to the operator

(a) a positive verification statement where the verification body has determined that there is a reasonable level of assurance that the emissions report contains no material discrepancy as determined in accordance with subsection 15(4); or

(b) written notice of the nature of the error, omission, misrepresentation or non-compliance that it has identified where the verification body has determined that there is not a reasonable level of assurance that the emissions report contains a material discrepancy as determined in accordance with subsection 15(4).

(2) A verification statement shall meet the requirements set out in ISO 14064-3.

(3) A notice under paragraph (1)(b) shall include a written statement stating that the determination of the verification body may be reviewed by the minister upon written request from the operator to the minister within 7 days of receipt of the notice under paragraph (1)(b).

(4) A copy of a request referred to in subsection (3) shall be sent to the verification body.

(5) Where the operator does not

(a) submit a revised emissions report to the minister and the verification body; or

(b) make a request under subsection (3),

within 7 days of receiving a notice under paragraph (1)(b), the verification body shall prepare an adverse verification statement and submit the statement to the operator.

Review by minister

18. (1) Upon receiving a request under subsection 17(3), the minister shall review the determination and provide written notice to the operator and the verification body

- (a) confirming the determination of the verification body; or
- (b) rejecting the determination of the verification body and deeming the emissions report to have been positively verified.

(2) If the minister is of the opinion that additional information is required for the purposes of reviewing a determination under subsection (1), the minister may request additional information from the operator or the verification body and the operator or the verification body shall provide that information within 21 days of the request.

(3) If the minister confirms the determination of the verification body under paragraph (1)(a), the operator shall, within 60 days after the date of the minister's confirmation, submit a revised emissions report, verification report and verification statement to the minister and the verification body.

Submitting
verification report
and statement to
minister

19. An operator shall provide a copy of the verification report and verification statement to the minister on or before September 1 of the calendar year immediately following the reporting period.

Rejection of
verification
statement

20. (1) The minister may reject

- (a) an adverse verification statement; or
- (b) a positive verification statement if,
 - (i) he or she determines that the verification was not free from any threat of independence, or
 - (ii) based on the findings of an audit under section 21, the minister determines that there is no reasonable level of assurance of the matters referred to in subsection 15(4).

(2) If the minister makes a determination under subsection (1), the minister shall provide written notice to the operator and to the verification body.

(3) If the minister makes a determination under subparagraph (1)(b)(i), the operator shall ensure that the emissions report is verified by another verification body within 120 days after receiving notice of the minister's determination.

(4) If the minister makes a determination under subparagraph (1)(b)(ii), the operator shall ensure that the emissions report is

(a) verified by the same verification body within 60 days after receiving notice of the minister's determination; or

(b) verified by another verification body within 120 days after receiving notice of the minister's determination where the minister requires that the emissions report be verified by another verification body.

Audit by minister

21. (1) The minister may require an audit of a verification report by giving written notice to

(a) the operator; and

(b) the verification body that conducted the verification of the emissions report.

(2) The minister may require an audit of an emissions report by giving written notice to the operator.

(3) An operator or a verification body who receives written notice under subsection (1) or (2) shall comply with the notice and assist with the audit.

(4) Upon request of the minister, the operator shall provide the following documents for the purposes of an audit under this section:

(a) all of the data used to generate the emissions report, including all data made available to a verification body for the purposes of the verification of the emissions report; and

- (b) the verification report and verification statement prepared by the verification body.

(5) Upon request of the minister, a verification body shall provide all information related to the verification and preparation of a verification report and verification statement for the purposes of an audit under this section.

Retention of records
by industrial facility

22. (1) An operator shall keep the following documents and records in a paper or electronic format for a period of at least 7 years after the reporting period to which the information relates:

- (a) all records used to quantify greenhouse gas emissions required to be reported under these regulations;
- (b) records of any calculations and methods used to quantify greenhouse gas emissions;
- (c) records of all emission factors used to quantify greenhouse gas emissions;
- (d) all records submitted to the minister under these regulations, including the emissions report;
- (e) all records related to any calculations and methods used to substitute for data that has been lost or missing;
- (f) names, job titles and contact information of the individual designated by the operator to sign on behalf of the operator and other industrial facility personnel involved in quantifying emissions or quality assurance;
- (g) records indicating what task was performed by each individual referred to in paragraph (f);
- (h) a log prepared for each reporting period documenting any changes in calculations and methods and instrumentation used to quantify greenhouse gas emissions;
- (i) documentation respecting any revisions and reasons for those changes to the emissions report;

- (j) all records related to the verification process for the emissions report; and
- (k) any other information that is required for the verification of the emissions report.

(2) If the minister requests a document or record referred to in subsection (1), the operator shall provide the document or record within 15 days of the request.

Retention of records
by verification body

23. A verification body shall keep the following documents and records in paper or electronic format for a period of at least 7 years after they have been created or submitted:

- (a) documents and records generated during a verification;
- (b) verification statements;
- (c) verification reports; and
- (d) all documents on which the conclusions in a verification statement or verification report were based.

Schedule A

1. HFC-23 (CHF_3)
2. HFC-32 (CH_2F_2)
3. HFC-41 (CH_3F)
4. HFC-43-10mee ($\text{CF}_3\text{CHFCHFCF}_2\text{CF}_3$)
5. HFC-125 (CHF_2CF_3)
6. HFC-134 (CHF_2CHF_2)
7. HFC-134a (CH_2FCF_3)
8. HFC-143 (CH_2FCHF_2)
9. HFC-143a (CH_3CF_3)
10. HFC-152 ($\text{CH}_2\text{FCH}_2\text{F}$)
11. HFC-152a (CH_3CHF_2)
12. HFC-161 ($\text{CH}_3\text{CH}_2\text{F}$)
13. HFC-227ea ($\text{CF}_3\text{CHFCF}_3$)
14. HFC-236cb ($\text{CH}_2\text{FCF}_2\text{CF}_3$)
15. HFC-236ea ($\text{CHF}_2\text{CHFCF}_3$)
16. HFC-236fa ($\text{CF}_3\text{CH}_2\text{CF}_3$)
17. HFC-245ca ($\text{CH}_2\text{FCF}_2\text{CHF}_2$)
18. HFC-245fa ($\text{CHF}_2\text{CH}_2\text{CF}_3$)
19. HFC-365mfc ($\text{CH}_3\text{CF}_2\text{CH}_2\text{CF}_3$)

Schedule B

1. Perfluoromethane (CF₄)
2. Perfluoroethane (C₂F₆)
3. Perfluoropropane (C₃F₈)
4. Perfluorobutane (C₄F₁₀)
5. Perfluorocyclobutane (c-C₄F₈)
6. Perfluoropentane (C₅F₁₂)
7. Perfluorohexane (C₆F₁₄)
8. Perfluorodecalin (C₁₀F₁₈)
9. Perfluorocyclopropane (c-C₃F₆)

Schedule C

Greenhouse Gas	Chemical Formula	Global Warming Potential
Carbon dioxide	CO ₂	1
Methane	CH ₄	25
Nitrous oxide	N ₂ O	298
Sulphur hexafluoride	SF ₆	22,800
HFC-23	CHF ₃	14,800
HFC-32	CH ₂ F ₂	675
HFC-41	CH ₃ F	92
HFC-43-10mee	CF ₃ CHFCHFCF ₂ CF ₃	1,640
HFC-125	CHF ₂ CF ₃	3,500
HFC-134	CHF ₂ CHF ₂	1,100
HFC-134a	CH ₂ FCF ₃	1,430
HFC-143	CH ₂ FCHF ₂	353
HFC-143a	CH ₃ CF ₃	4,470
HFC-152	CH ₂ FCH ₂ F	53
HFC-152a	CH ₃ CHF ₂	124
HFC-161	CH ₃ CH ₂ F	12
HFC-227ea	CF ₃ CHFCF ₃	3,220
HFC-236cb	CH ₂ FCF ₂ CF ₃	1,340
HFC-236ea	CHF ₂ CHFCF ₃	1,370
HFC-236fa	CF ₃ CH ₂ CF ₃	9,810
HFC-245ca	CH ₂ FCF ₂ CHF ₂	693
HFC-245fa	CHF ₂ CH ₂ CF ₃	1,030
HFC-365mfc	CH ₃ CF ₂ CH ₂ CF ₃	794
Perfluoromethane	CF ₄	7,390
Perfluoroethane	C ₂ F ₆	12,200
Perfluoropropane	C ₃ F ₈	8,830
Perfluorobutane	C ₄ F ₁₀	8,860
Perfluorocyclobutane	c-C ₄ F ₈	10,300
Perfluoropentane	C ₅ F ₁₂	9,160
Perfluorohexane	C ₆ F ₁₄	9,300
Perfluorodecalin	C ₁₀ F ₁₈	7,500
Perfluorocyclopropane	c-C ₃ F ₆	17,340

Schedule D

Source Category	Quantification reference
General Stationary Combustion	WCI.020
Refinery Fuel Gas Combustion	WCI.030
Electricity Generation	WCI.040
Mobile Equipment	WCI.280
Petroleum Refining	WCI.200
Hydrogen production	WCI.130
Iron and Steel Manufacturing	WCI.150
Nickel and copper metal production	WCI.260
Lime Manufacturing	WCI.170

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Title of Act and Subordinate Legislation made thereunder	CNLR or NL Reg.	Amendment	XNL Gazette Date & Page No.
Management of Greenhouse Gas Act			
Proclamation bringing Sections 4, 10, 11, 26 and 29 of the Act into force	NLR 13/17	New	Mar. 7/17 p. 3
Management of Greenhouse Gas Reporting Regulations	NLR 14/17	New	Mar. 7/17 p. 5