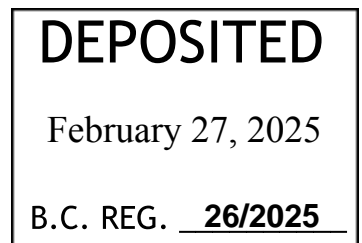


PROVINCE OF BRITISH COLUMBIA
REGULATION OF THE BOARD OF THE
BRITISH COLUMBIA ENERGY REGULATOR

Energy Resource Activities Act

The board of the British Columbia Energy Regulator orders that, effective April 1, 2025,

- (a) the Dormancy and Shutdown Regulation, B.C. Reg. 112/2019, is amended as set out in the attached Schedule 1,
- (b) the Drilling and Production Regulation, B.C. Reg. 282/2010, is amended as set out in the attached Schedule 2,
- (c) the Emergency Management Regulation, B.C. Reg. 217/2017, is amended as set out in the attached Schedule 3,
- (d) the Fee, Levy and Security Regulation, B.C. Reg. 8/2014, is amended as set out in the attached Schedule 4,
- (e) the Liquefied Natural Gas Facility Regulation, B.C. Reg. 146/2014, is amended as set out in the attached Schedule 5,
- (f) the Oil and Gas Processing Facility Regulation, B.C. Reg. 48/2021, is amended as set out in the attached Schedule 6,
- (g) the Pipeline Regulation, B.C. Reg. 281/2010, is amended as set out in the attached Schedule 7,
- (h) the Requirements for Consultation and Notification Regulation, B.C. Reg. 50/2021, is amended as set out in the attached Schedule 8,
- (i) the Security Management Regulation, B.C. Reg. 181/2022, is amended as set out in the attached Schedule 9, and
- (j) the Service Regulation, B.C. Reg. 199/2011, is amended as set out in the attached Schedule 10.



February 26, 2025
Date



Vice Chair, BOARD OF DIRECTORS

(This part is for administrative purposes only and is not part of the Order.)

Authority under which Order is made:

Act and section: Energy Resource Activities Act, S.B.C. 2008, c. 36, ss. 47, 106 to 108, 111, 111.1 and 112
Other: _____

R20859317

SCHEDULE 1

1 Section 1.1 (1) of the Dormancy and Shutdown Regulation, B.C. Reg. 112/2019, is amended

(a) in paragraph (a) by striking out “Oil and Gas”, and

(b) by adding the following paragraphs:

- (c) a Class 1 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation;
- (d) a Class 2 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation.

SCHEDULE 2

1 Section 1 of the Drilling and Production Regulation, B.C. Reg. 282/2010, is amended

(a) by repealing the definition of “CSA” and substituting the following:

“CSA” means the CSA Group; , and

(b) by repealing the definition of “qualified professional” and substituting the following:

“qualified professional”, in relation to a matter, means an individual who

- (a) is registered with a regulatory body as defined in section 1 (1) [definitions and interpretation] of the *Professional Governance Act*, and
- (b) through suitable education, experience, accreditation and knowledge, may reasonably be relied on to provide advice within the individual’s area of expertise as it relates to the matter; .

2 Section 1.1 is amended by striking out “Oil and Gas” wherever it appears.

3 Section 78 (3.1) is amended by striking out “any portions of the piping facility” and substituting “every portion of the piping system of the facility”.

SCHEDULE 3

1 Section 1 of the Emergency Management Regulation, B.C. Reg. 217/2017, is amended by repealing the definition of “qualified professional” and substituting the following:

“qualified professional”, in relation to a matter, means an individual who

- (a) is registered with a regulatory body as defined in section 1 (1) [definitions and interpretation] of the *Professional Governance Act*, and
- (b) through suitable education, experience, accreditation and knowledge, may reasonably be relied on to provide advice within the individual’s area of expertise as it relates to the matter; .

2 The following section is added:

Application

1.1 This regulation does not apply in relation to the following:

- (a) a Class 1 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation;
- (b) a Class 2 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation.

3 *Section 4.1 (1) is amended in the definition of “processing facility” by striking out “Oil and Gas”.*

SCHEDULE 4

1 *Section 1 of the Fee, Levy and Security Regulation, B.C. Reg. 8/2014, is amended by repealing the definition of “ammonia facility”, “Class A ammonia facility”, “Class A hydrogen facility”, “Class A methanol facility”, “Class B ammonia facility”, “Class B hydrogen facility”, “Class B methanol facility”, “hydrogen facility”, “methanol facility” and “natural gas conversion facility” and substituting the following:*

“**ammonia facility**” has the same meaning as in section 1 of the Processing Facility Regulation;

“**Class A ammonia facility**” means an ammonia facility with a maximum manufacturing capacity of less than 5 000 tonnes of ammonia per year;

“**Class A hydrogen facility**” means

- (a) a Class 1 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation, or
- (b) a Class 2 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation;

“**Class A methanol facility**” means a methanol facility with a maximum manufacturing capacity of less than 5 000 tonnes of methanol per year;

“**Class B ammonia facility**” means an ammonia facility with a capacity to manufacture 5 000 tonnes or more of ammonia per year;

“**Class B hydrogen facility**” means a Class 3 hydrogen facility as defined in section 1 of the Processing Facility Regulation;

“**Class B methanol facility**” means a methanol facility with a capacity to manufacture 5 000 tonnes or more of methanol per year;

“**hydrogen facility**” has the same meaning as in section 1 of the Processing Facility Regulation;

“**methanol facility**” has the same meaning as in section 1 of the Processing Facility Regulation;

“**natural gas conversion facility**” has the same meaning as in section 1 of the Processing Facility Regulation; .

SCHEDULE 5

1 Section 1 of the Liquefied Natural Gas Facility Regulation, B.C. Reg. 146/2014, is amended

(a) in the definition of “CSA Z276” by striking out “Canadian Standards Association” and substituting “CSA Group”, and

(b) by repealing the definition of “qualified professional” and substituting the following:

“qualified professional”, in relation to a matter, means an individual who

- (a) is registered with a regulatory body as defined in section 1 (1) [definitions and interpretation] of the *Professional Governance Act*, and
- (b) through suitable education, experience, accreditation and knowledge, may reasonably be relied on to provide advice within the individual’s area of expertise as it relates to the matter; .

SCHEDULE 6

1 The title of the Oil and Gas Processing Facility Regulation, B.C. Reg. 48/2021, is repealed and the following substituted:

PROCESSING FACILITY REGULATION .

2 Section 1 is amended

(a) by adding the following definitions:

“ammonia facility” means a facility that manufactures ammonia;

“Class 3 hydrogen facility” means a hydrogen facility that

- (a) has a capacity to manufacture 100 000 tonnes or more of hydrogen per year,
or
- (b) is co-located with an ammonia facility or a methanol facility;

“hydrogen facility” means a facility that manufactures hydrogen;

“methanol facility” means a facility that manufactures methanol;

“natural gas conversion facility” means a facility for converting natural gas into one or more organic compounds other than methanol; ,

(b) by repealing the definition of “processing facility” and substituting the following:

“processing facility” means any of the following:

- (a) a gas processing plant;
- (b) a petroleum refinery, other than a battery as defined in section 1 of the Drilling and Production Regulation;
- (c) a methanol facility;
- (d) an ammonia facility;
- (e) a natural gas conversion facility;

- (f) a Class 3 hydrogen facility; , *and*
- (c) *by repealing the definition of “qualified professional” and substituting the following:*
- “qualified professional”**, in relation to a matter, means an individual who
- (a) is registered with a regulatory body as defined in section 1 (1) [*definitions and interpretation*] of the *Professional Governance Act*, and
 - (b) through suitable education, experience, accreditation and knowledge, may reasonably be relied on to provide advice within the individual’s area of expertise as it relates to the matter; .

3 Section 2 is amended

- (a) *in subsection (1) by repealing the definition of “CSA” and substituting the following:*
- “CSA”** means the CSA Group; ,
- (b) *in subsection (1) by adding the following definition:*
- “NFPA”** means the National Fire Protection Association. , *and*
- (c) *in subsection (2) by adding the following paragraph:*
- (l) NFPA 2, Hydrogen Technologies Code.

4 Section 26 (b) is amended by striking out “training, qualifications and performance reviews” and substituting “training and qualifications”.

SCHEDULE 7

1 Section 1 of the Pipeline Regulation, B.C. Reg. 281/2010, is amended

- (a) *in subsection (1) in the definition of “CSA Z662” by striking out “Canadian Standards Association” and substituting “CSA Group”, and*
- (b) *in subsection (1) by adding the following definition:*
- “professional engineer”** means a person who is registered under the *Professional Governance Act* as a professional engineer.

2 Section 2 is amended by adding the following paragraphs:

- (c) if CSA Z662 and Annex A of CSA Z662 are not applicable to the substance to be transported in the pipeline,
 - (i) an engineering assessment demonstrating that the requirements in CSA Z662 and Annex A of CSA Z662 are appropriate for the substance to be transported in the pipeline, or
 - (ii) alternative codes or standards that
 - (A) are appropriate for the substance to be transported in the pipeline, and

- (B) provide for a level of safety and protection in the design, construction, operation, maintenance, deactivation, reactivation and abandonment of the pipeline that is equivalent to, or greater than, the level provided by CSA Z662 and Annex A of CSA Z662 in relation to other substances;
- (d) if alternative codes or standards referred to in paragraph (c) (ii) are submitted, an engineering assessment demonstrating that the alternative codes or standards meet the requirements under paragraph (c) (ii) (A) and (B).

3 Section 3 (1) is repealed and the following substituted:

- (1) Subject to subsection (2), a pipeline permit holder must not design, construct, operate, maintain, deactivate, reactivate or abandon the pipeline that is the subject of the permit except in accordance with
 - (a) CSA Z662 and Annex A of CSA Z662, if
 - (i) they are applicable to the substance transported or to be transported in the pipeline, or
 - (ii) the engineering assessment referred to in section 2 (c) (i) demonstrates that the requirements in CSA Z662 and Annex A of CSA Z662 are appropriate for the substance transported or to be transported in the pipeline, or
 - (b) if paragraph (a) (i) or (ii) does not apply, the alternative codes or standards referred to in section 2 (c) (ii).

4 Section 4 (3) (b) is amended by striking out “who is licensed or registered under the Professional Governance Act”.

5 Section 5 (1) (a) is amended by adding “, or the codes or standards referred to in section 2 (c), as applicable” after “CSA Z662”.

6 Section 7 is amended

(a) by repealing the definition of “pipeline integrity management program” and substituting the following:

“pipeline integrity management program” means a program for the purpose of managing the integrity of a permit holder’s pipeline., and

(b) by adding the following subsection:

- (1.1) A pipeline permit holder must ensure that the pipeline integrity management program for the pipeline complies with
 - (a) CSA Z662, or the codes or standards referred to in section 2 (c), as applicable, and
 - (b) Annex N of CSA Z662.

7 Section 13 is amended by adding “, and, if applicable, the codes or standards referred to in section 2 (c)” after “Annex N of CSA Z662”.

SCHEDULE 8

- 1 The Requirements for Consultation and Notification Regulation, B.C. Reg. 50/2021, is amended by adding the following section:*

Application

- 1.1** This regulation does not apply in relation to an application for a permit to construct and operate the following:
- (a) a Class 1 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation;
 - (b) a Class 2 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation.

- 2 Section 13 (1) (d) is amended by adding “, hydrogen, ammonia, methanol” after “natural gas”.*

- 3 Section 15 is amended by adding the following definition:*

“natural gas conversion facility” has the same meaning as in section 1 of the Processing Facility Regulation.

- 4 Item 1 of the table in section 17 is amended by striking out “natural gas manufacturing plant” and substituting “natural gas conversion facility”.*

SCHEDULE 9

- 1 The Security Management Regulation, B.C. Reg. 181/2022, is amended by adding the following section:*

Application

- 1.1** This regulation does not apply in relation to the following:
- (a) a Class 1 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation;
 - (b) a Class 2 hydrogen facility as defined in section 1 (1) of the Hydrogen Facility Regulation.

SCHEDULE 10

- 1 Section 1 of the Service Regulation, B.C. Reg. 199/2011, is amended by adding the following definition*

“mailing address” includes a post office box.

- 2 Section 2 is amended*

- (a) in subsection (1) (b) by striking out “the address at which that person resides or carries on business” and substituting “that person’s residential or business mailing address”;*

(b) in subsection (1.1) (b) (i) by adding “residential or business mailing” before “address”, and

(c) in subsection (1.1) (b) (ii) by striking out “address at which the local authority, local Indigenous nation or First Nation carries on business” and substituting “business mailing address for the local authority, local Indigenous nation or First Nation”.