

# Application for a Replacement

**Note:** This Application Requires Construction Completion Reporting

Energy Regulation Division  
1945 Hamilton Street  
Regina, SK S4P 2C7

## General Information

Pg. 1 of 4

BA ID \* \_\_\_\_\_

Industry Application Ref # \_\_\_\_\_

Licence # \* \_\_\_\_\_

**Note:** If all replacement sections are In-Kind AND you do not require the replacements to record a newer construction date, then you may:

- Provide an EXCEL file containing the start and end coordinates of each replacement section; OR,
- Provide a spatial data file that defines the full extent of the proposed replacement sections.
- Do not provide both an Excel file and a spatial file.

If the replacement sections are not In-Kind OR require a new construction date:

- You must provide a spatial file that defines the full extent of the proposed replacement sections, including all segment splits.

## Replacement Information

### If you provide a shapefile:

In the grid below, please indicate which line(s) represent replacement sections. If there is more than one Line No. resulting from this replacement, please fill out the remaining Line No.(s) on page 3 and 4 of this application.

Replacement Sections that are NOT In-Kind OR where you indicate that a New Construction Date should be maintained WILL result in a new pipeline segment for the replaced section of pipe. For these segments you must indicate the intended status for the segment. Please note that if the replacement section is NOT In-Kind, a new construction date will automatically be given.

Shapefile Line No. *	Is Replacement Section?*	Is In-Kind? *	Requires New Construction Date?	Intended Segment Status *

If you indicate that the replacement section will use In-Kind pipe, you may edit the line pipe specifications for this new segment.

If you indicate that the replacement section will NOT use In-Kind pipe, you may populate the line pipe specification data for the segment.

If the original line pipe spec is unknown, leave the line pipe spec blank. Please do not populate the line pipe spec with the replacement pipe spec. You may edit the details for this existing segment.

### If you provide an Excel file:

The replacement sections will be In-Kind AND will not record new Construction Dates. Therefore, no new pipeline segments will be created. You can optionally provide Pipe Spec Changes for each Replacement Section(s).

If the system has no line pipe specification data for the replacement segment, you may populate it now.

If the original line pipe spec is unknown, leave the line pipe spec blank. Do not populate the line pipe spec with the replacement pipe spec.

You may edit the details for the existing segment.

### Line Pipe Specifications:

Meets Overpressure Requirement - ER \* \_\_\_\_\_

Meets Overpressure Requirement - Z662 \* \_\_\_\_\_

Material Type \* \_\_\_\_\_

Class Location \* \_\_\_\_\_

Bidirectional Flow \* \_\_\_\_\_

Material Standard \* \_\_\_\_\_

Material Grade \* \_\_\_\_\_

Material Category \_\_\_\_\_

Other Standard \_\_\_\_\_

Other Grade \_\_\_\_\_

SMYS/MPR (MPa) \_\_\_\_\_

Outside Diameter (mm) \* \_\_\_\_\_

Wall Thickness (mm) \* \_\_\_\_\_

Cover Depth (m) \* \_\_\_\_\_

Internal Protection \* \_\_\_\_\_

External Protection \* \_\_\_\_\_

Other Internal Protection \_\_\_\_\_

Other External Protection \_\_\_\_\_

### Calculated Design Pressure - CSA Factors

Factor Type	Factor Value
Design Factor	
Circumferential Joint Factor	
Location Factor	
Alloy Factor	
Temperature Factor	
Joint Factor	
Service Fluid Factor	
Hydrostatic Design Stress Factor	
Cyclic Pressure Factor	
Standard Dimension Ratio	

Override Length (km) \* \_\_\_\_\_

Segment Design Pressure (kPa) \* \_\_\_\_\_

Anticipated MOP (kPa) \* \_\_\_\_\_

H<sub>2</sub>S Partial Pressure (kPa) \* \_\_\_\_\_

Designed for Sour Service \* \_\_\_\_\_

Watercourse Type\* \_\_\_\_\_

Will the watercourse be wet, or not completely frozen, at time of construction? \_\_\_\_\_

Has the Ministry of the Environment Approval changed the standard setback requirements or installation method?

**Note:** This is an **optional** section; if you do not wish to provide pipe specification changes, please proceed to the Disclosure Questions section of the application. For a list of acceptable combinations of material type, material standard, and material grade, please see the Standard Pipe Material List found under the Support tab in IRIS.

Spec Change Reason \* \_\_\_\_\_ Spec Change Length (km) \* \_\_\_\_\_ Material Type \* \_\_\_\_\_

Material Standard \* \_\_\_\_\_ Material Grade \* \_\_\_\_\_ Material Category \_\_\_\_\_

Other Standard \_\_\_\_\_ Other Grade \_\_\_\_\_ SMYS/MPR (MPa) \_\_\_\_\_

Outside Diameter (mm) \* \_\_\_\_\_ Wall Thickness (mm) \* \_\_\_\_\_ Cover Depth (m) \* \_\_\_\_\_

Internal Protection \* \_\_\_\_\_ External Protection \* \_\_\_\_\_

Calculated Design Pressure - CSA Factors

Factor Type	Factor Value
Design Factor	
Circumferential Joint Factor	
Location Factor	
Alloy Factor	
Temperature Factor	
Joint Factor	
Service Fluid Factor	
Hydrostatic Design Stress Factor	
Cyclic Pressure Factor	
Standard Dimension Ratio	

**Center Location of the Change in Pipe Specification**

Latitude (DD) \* \_\_\_\_\_ (0° 0' 0.00000 )

Longitude (DD) \* \_\_\_\_\_ (0° 0' 0.00000 )

**OR**

	D	M	S
Latitude			

	D	M	S
Longitude			

Does/Will this crossing use HDD boring? \* \_\_\_\_\_

Does/Will this crossing use cased pipe? \* \_\_\_\_\_

**Disclosure Questions**

Do you have a CSA Z662 Compliant Safety and Loss Management System in place, and has it been implemented? \* \_\_\_\_\_

Has a professional engineer registered in Saskatchewan certified the engineering design used for this submission? \* \_\_\_\_\_

Has the proposed segment(s) been designed to meet the pressure limits of the system, including downstream components? \* \_\_\_\_\_

Is there a plan in place to carry out the relevant field work in accordance with the the latest version of CSA Z662, Oil and Gas Pipeline Systems? \* \_\_\_\_\_

**Disclosure Questions for Highways**

Is any portion of the proposed segment(s) within 90 meters of the right of way of a Provincial Highway? \* \_\_\_\_\_

Is any portion of the proposed segment(s) within 30 meters of the right of way of a Public Highway \* \_\_\_\_\_

If YES, please provide the Highway Approval Number(s) below.

Highway Approval Number \_\_\_\_\_ Other Highway Approval Number \_\_\_\_\_

**Disclosure Questions for Utilities**

Does the proposed field work cross or is within 30 meters of other pipelines, railways and/or utilities? \* \_\_\_\_\_

**Eligibility**

I hereby certify that:

- This submission and any supporting documentation are complete, accurate and in accordance with *The Pipelines Act, 1998* and its rules.**
- Government of Saskatchewan has the authority to deny the submission after notifying the applicant of the deficiencies if this submission is found to be inaccurate or incomplete or does not meet the requirements of Saskatchewan legislation, regulations or directives.**
- Government of Saskatchewan has the authority to enforce non-compliance if it is found that this submission contains false, inaccurate, incomplete or misleading information.**

Agree \* \_\_\_\_\_

**Contact Information**

Contact Name \* \_\_\_\_\_ Business Phone \* \_\_\_\_\_ Ext. \_\_\_\_\_

Email Address \* \_\_\_\_\_ Alternate Phone \_\_\_\_\_ Ext. \_\_\_\_\_

Shapefile Line No. *	Is Replacement Section?*	Is In-Kind? *	Requires New Construction Date?	Intended Segment Status *

**Line Pipe Specifications:**

Meets Overpressure Requirement - ER \* \_\_\_\_\_ Meets Overpressure Requirement - Z662 \* \_\_\_\_\_

Material Type \* \_\_\_\_\_ Class Location \* \_\_\_\_\_ Bidirectional Flow \* \_\_\_\_\_

Material Standard \* \_\_\_\_\_ Material Grade \* \_\_\_\_\_ Material Category \_\_\_\_\_

Other Standard \_\_\_\_\_ Other Grade \_\_\_\_\_ SMYS/MPR (MPa) \_\_\_\_\_

Outside Diameter (mm) \* \_\_\_\_\_ Wall Thickness (mm) \* \_\_\_\_\_ Cover Depth (m) \* \_\_\_\_\_

Internal Protection \* \_\_\_\_\_ External Protection \* \_\_\_\_\_

Other Internal Protection \_\_\_\_\_ Other External Protection \_\_\_\_\_

Calculated Design Pressure - CSA Factors

Factor Type	Factor Value
Design Factor	
Circumferential Joint Factor	
Location Factor	
Alloy Factor	
Temperature Factor	
Joint Factor	
Service Fluid Factor	
Hydrostatic Design Stress Factor	
Cyclic Pressure Factor	
Standard Dimension Ratio	

Override Length (km) \* \_\_\_\_\_

Segment Design Pressure (kPa) \* \_\_\_\_\_

Anticipated MOP (kPa) \* \_\_\_\_\_

H<sub>2</sub>S Partial Pressure (kPa) \* \_\_\_\_\_

Designed for Sour Service \* \_\_\_\_\_

Watercourse Type\* \_\_\_\_\_

Will the watercourse be wet, or not completely frozen, at time of construction? \_\_\_\_\_

Has the Ministry of the Environment Approval changed the standard setback requirements or installation method? \_\_\_\_\_

**Pipe Specification Change**

**Note:** This is an **optional** section. For a list of acceptable combinations of material type, material standard, and material grade, please see the Standard Pipe Material List found under the Support tab in IRIS.

Spec Change Reason \* \_\_\_\_\_ Spec Change Length (km) \* \_\_\_\_\_ Material Type \* \_\_\_\_\_

Material Standard \* \_\_\_\_\_ Material Grade \* \_\_\_\_\_ Material Category \_\_\_\_\_

Other Standard \_\_\_\_\_ Other Grade \_\_\_\_\_ SMYS/MPR (MPa) \_\_\_\_\_

Outside Diameter (mm) \* \_\_\_\_\_ Wall Thickness (mm) \* \_\_\_\_\_ Cover Depth (m) \* \_\_\_\_\_

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	D	M	S
Latitude			

	D	M	S
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Does/Will this crossing use cased pipe? \* \_\_\_\_\_

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Outside Diameter (mm) \* \_\_\_\_\_ Wall Thickness (mm) \* \_\_\_\_\_ Cover Depth (m) \* \_\_\_\_\_

Internal Protection \* \_\_\_\_\_ External Protection \* \_\_\_\_\_

Other Internal Protection \_\_\_\_\_ Other External Protection \_\_\_\_\_

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Segment Design Pressure (kPa) \* \_\_\_\_\_

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Outside Diameter (mm) \* \_\_\_\_\_ Wall Thickness (mm) \* \_\_\_\_\_ Cover Depth (m) \* \_\_\_\_\_

Internal Protection \* \_\_\_\_\_ External Protection \* \_\_\_\_\_

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