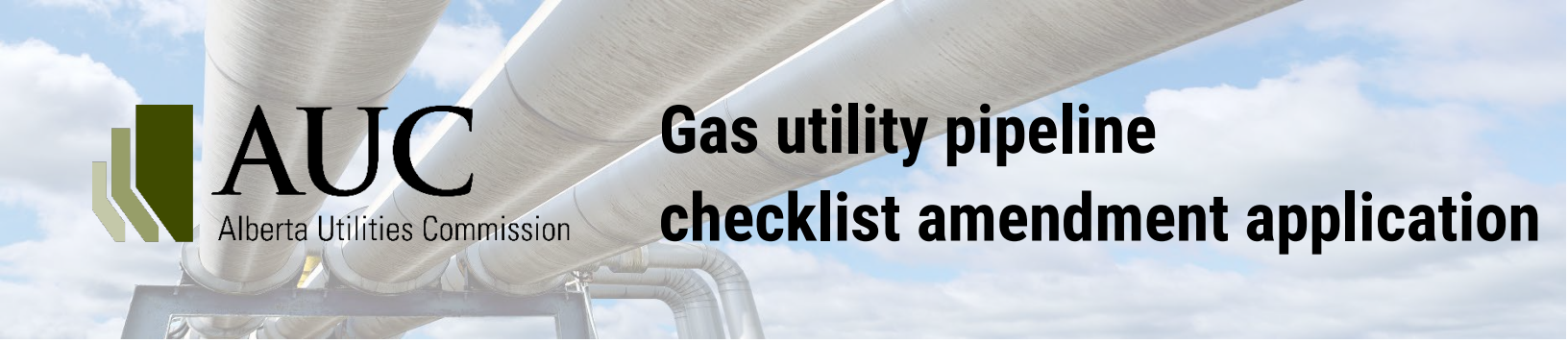

Alberta Utilities Commission

Gas utility pipeline checklist amendment application

Date:

Identification
Company name: Name, position and contact information of applicant contact:
Project details
Provide a list of the existing licences or approvals for facilities affected:
Identify the type of licence amendment being applied for: • Pipeline discontinuation ☐ • Pipeline abandonment ☐ • Low pressure conversion ☐ • Maximum operating pressure decrease ☐ • Pipeline split ☐ • Administrative or record keeping updates ☐
Brief written description of the amendment:
Is the amendment related to another existing proceeding or project? Yes ☐ No ☐

If yes, please provide the related proceeding number:

For pipeline discontinuation or abandonment only

A licence amendment is not required prior to a pipeline discontinuation or abandonment; however, the gas utility must notify the Commission by submitting this form within 90 days of the completion of the discontinuation or abandonment.

For pipeline discontinuation

Confirm that this form is being submitted within 90 days of the completion of the discontinuation:

Yes ☐ No ☐

Confirm that proper discontinuation procedures are in place, cathodic protection is maintained, and setback distances are retained (right-of-way boundaries):

Yes ☐ No ☐

For pipeline abandonment

Confirm that this form is being submitted within 90 days of the completion of the abandonment:

Yes ☐ No ☐

Confirm that proper abandonment procedures are in place, and that all required measures have been taken to ensure that the pipeline is left in a permanently safe and secure condition:

Yes ☐ No ☐

All other types of amendment being applied for with a checklist application

Confirm that the participant involvement program meets the requirements contained in Appendix A1 – Participant involvement program guidelines. Confirm that there are no outstanding concerns raised by directly and adversely affected persons.

Yes ☐ No ☐

Confirm that the applicant considers the proposed amendments to be low risk activities:

Yes ☐ No ☐

Confirm that there will be no adverse environmental effects resulting from the proposed amendments.

Yes ☐ No ☐

For a maximum operating pressure decrease

Confirm that all necessary mitigation measures have been taken to ensure continued pipeline integrity under the new maximum operating pressure:

Yes ☐ No ☐

The project raises issues not addressed by the preceding questions.

Yes ☐ No ☐

Confirm that all necessary mitigation measures have been taken to ensure pressure compatibility with upstream and downstream pipelines (i.e., any necessary adjustments in overpressure protection):

Yes ☐ No ☐

AUC
Alberta Utilities Commission

www.auc.ab.ca

Calgary office
1400, 600 Third Avenue S.W.
Calgary, Alberta
T2P 0G5

Edmonton office
Tenth Floor, 10055 106 Street
Edmonton, Alberta
T5J 2Y2

Pipeline Segment/Pipeline Installation Identification

DAY MONTH YEAR

APPLICANT'S REFERENCE

1. PIPE SPECIFICATION/SUBSTANCE

Substance_____ Code_____ H_2S (mol/kmol)_____ Licence Number_____

ID No.	Outside Diameter (mm)	Wall Thickness (mm)	Material	Type	Grade	MOP (kPa)	Stress Level	Joints	IP
01									
02									
03									
04									
05									

2. PIPE LOCATION AND STATUS

ACD	Line No.	From Location					FC	To Location					FC	Length (km)	Status	Environment	ID No.
		LSD	SEC	TWP	RGE	M		LSD	SEC	TWP	RGE	M					

3. INSTALLATION SPECIFICATION

ACD	Installation No.	Location					Installation Type	Compressor Rating (kW)	Driver Power Source	Status
		LSD	SEC	TWP	RGE	M				

Table 1 Substance categories

Substance	Substance category	Code	Priority code
Methane, natural gas with H_2S partial pressure $\leq$ 0.30 kPa.	Natural gas	NG	6

Table 2 Pipe material codes

Pipe material	Code
Aluminum	A
Composite	G
Fibreglass	F
Polyethylene	P
Polyvinyl chloride	V
Steel	S

Table 3 Steel pipe codes (examples only)

	Code	
Pipe specification	Type	Grade
API 5L Grade A	5L	A
API 5L Grade B	5L	B
API 5L Grade X42	5L	X42
API 5L Grade X60	5L	X60
ASTM A53 Grade B	A53	B
ASTM A106 Grade B	A106	B
ASTM A333 Grade 6	A333	6
CSA Z245.1 Grade 241 Category I	Z245.1	241 1
CSA Z245.1 Grade 290 Category II	Z245.1	290 2
CSA Z245.1 Grade 359 Category III	Z245.1	359 3
ASTM A539	A539	N/A *

*Not applicable for ASTM A539.

Table 4 Aluminum pipe codes (examples only)

Pipe specification	Code	
Aluminum Association Alloy No.	Type	Grade*
6063 T1A	6063	T1A
6063 T1B	6063	T1B

If cladded aluminum, add C at the end of Grad Code (e.g.) T1AC).

Table.5 Fibreglass and fibre-reinforced composite pipe codes (examples only)

	Code	
Pipe specification	Type	Grade*
Ameron Bondstrand 3000	AMERON	3000
Star Fibreglass 500	STAR	500
Centron 800	CEN	800
Fibrespar 1500 E	FSLP	1500
Hydril ANSI 300	HDLP	300
Flexpipe (ANSI 300)	FPLP	750

Table 6 Polyethylene pipe codes (examples only)

Pipe specification	Code	
Aluminum Association Alloy No.	Type	Grade*
PE 2406 SDR 11	2406	11
PE 3408 SDR 9	3408	9

Table 7 Joint codes

Joint	Code
Thru-Kote Welded	A
Butt Fusion	B
Bonded	C
Flanged	F
Solvent Welded	G
High Energy Welded	H
Crimp Kote	K
Sure Lok	L
Mechanical Coupling	M
Pronto Lock	P
Socket Fusion	S
Threaded	T
Welded	W
Zap-Lok	Z
Twin Lock	E
Triple Seal	R

Table 8 Internal protection codes

Protection type	Code
Uncoated	U
Thin Film	T
Cement	C
Expanded Polyethylene	E
Grouted	G
Free Standing	L

Table 9 Facility codes*

Facility	Code
Compressor Station	CS
Meter/Regulation Station	MR
Meter Station	MS
Pipeline	PL
Regulator Station	RS
Line Heater	LH
Gas Processing Plant	GP
Blind End	BE
Petrochemical Plant	PP
Refinery	RF
Storage Cavern	SC
* If facility code is not set out above, use AER facility code.	

Table 10 Status codes

Status	Code
Abandoned	A
Discontinued	D
Operating	O
Removed	R
To Be Constructed	P
Delete from Licence	X
Not Constructed	N

Table 11 Environment codes

Crossing	Code
Creek	CC
Lake	LC
Overhead	OC
River	RC
Surface (surface line)	SC

Table 12 Pipeline installation codes

Facility	Code
Compressor Station	CS

Table 13 Driver power source codes

Facility	Code
Natural Gas	N
Electric	E

Table 14 Status codes for pipeline installations

Status	Code
Operating	O
Removed	R
To Be Constructed	P
Delete from Licence	X
Not Constructed	N