



CORE LINEPIPE

Sample AER Pipeline Application for CORE Liner (2014)

CORE Liner pipeline applications are filled in as you would for a steel pipeline, however, the joints are "M" for mechanical coupling and the internal protection is "E" for expanded polyethylene.



Directive 056 – Schedule 3.1

Segment/Installation Identification

DAY	MONTH	YEAR	ERCBC APPLICATION NUMBER	APPLICANT'S REFERENCE

Joints = M
IP = E

1. IDENTIFICATION

Company Name _____ Applicant BA Code _____

2. SUBSTANCE DETAIL

Substance _____ Code _____ H₂S (mol/kmol) _____ (Effective) Partial Pressure (kPa) _____ Licence Number P _____

3. PIPE SPECIFICATION

ID NO.	OUTSIDE DIAMETER (mm)	WALL THICKNESS (mm)	MAT.	TYPE	GRADE	MOP (kPa)	STRESS LEVEL	JOINTS	IP
01									
02									
03									
04									

4. PIPE LOCATION AND STATUS

ACTION	LINE NO.	FROM LOCATION						FC	TO LOCATION						LENGTH (km)	STATUS	ENV	Release Volume (m ³)	ID NO.
		LSD	SEC	TWP	RGE	M	FC		LSD	SEC	TWP	RGE	M	FC					

5. INSTALLATION SPECIFICATION

ACTION	INST. NO.	LOCATION					INST. TYPE	COMPRESSOR/PUMP RATING (kW)	DRIVER POWER SOURCE	STATUS
		LSD	SEC	TWP	RGE	M				



CORE LINEPIPE



Directive 056 – Schedule 3.2
Technical/Environmental Information

DAY MONTH YEAR ERCB APPLICATION NUMBER

APPLICANT'S REF

Select "No" for non-routine application

1. IDENTIFICATION

Company Name

Applicant BA Code

2. TECHNICAL CONSIDERATIONS

- 1. The H2S content is ... mol/kmol.
2. The partial pressure or effective partial pressure of the H2S is ... kPa.
3. The pipeline meets all current applicable CSA Z662 standards.
4. Prior to operation, procedures for corrosion mitigation, monitoring, evaluation, and record keeping will be implemented.
5. The liquid hydrocarbon pipeline meets current leak detection requirements.
6. The design of the steam distribution line is registered with ABSA.
7. Production streams with different H2S contents will be blended.
8. The pipeline installation meets all applicable standards.

3. NATURAL GAS/OIL EFFLUENT PIPELINES > 10 mol/kmol H2S

- 1. H2S release volume Proposed/Existing ... m3 Level designation: Level 1 Level 2 Level 3 Level 4
2. This application will change the level designation of this pipeline or a connecting pipeline.
3. The setback requirements have been met.
4. The pipeline will inject natural gas containing H2S into a producing reservoir.

4. SUBSTANCE CHANGE, H2S INCREASE, MOP INCREASE, AND LINER INSTALLATION ONLY

- 1. The presence of H2S, an increase in MOP, or a change in substance will reclassify the pipeline to Category C or D.
2. The liner is being installed due to Internal corrosion External corrosion Other (specify)

5. RESUMPTION, DISCONTINUATION, AND ABANDONMENT ONLY

- 1a. The pipeline you are applying to resume operation of was discontinued in accordance with ERCB requirements.
1b. The integrity of the discontinued pipeline has been verified.
2. The pipeline was discontinued in accordance with ERCB requirements.
3. The pipeline was abandoned in accordance with ERCB requirements.
4. In case of abandonment, all associated surface facilities will be removed and the surface site reclaimed within one (1) year.

6. ENVIRONMENTAL REQUIREMENTS

- 1. The pipeline will be constructed in accordance with AENV's Environmental Protection Guidelines.
2. The applicant will comply with the Code of Practice in accordance with the Water Act.
3. Application has been made to AENV for Conservation and Reclamation Approval (white area only).
4. The proposed pipeline/pipeline installation is located within the Calgary or Edmonton Transportation/Utility Corridor.
4a. If YES, the pipeline/pipeline installation has ministerial consent from Alberta Infrastructure.
5. The proposed pipeline/pipeline installation meets ERCB environmental requirements.

If you check a BOLD response, you must attach supporting information.

Please contact CORE Linepipe if you have questions or concerns: 1-(587) 333-6685