**IOWA UTILITIES BOARD**

**SPECIFICATIONS FOR PIPELINE**

**EXHIBIT C**

1. The proposed line will transport from , Iowa, to , Iowa.

 The maximum actual operating pressure of the line will be psig. (See a.)

 When operated at an inlet pressure of psig and an outlet pressure of psig, it will transport (mcf) per day.

2. PIPE: Total length (mi) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 Length in Location Class 1 \_ 2 \_ 3 \_ 4 \_ (See b.)

 If more than one location class, attach a map or description showing the locations of each class.

3. PIPE SPECIFICATIONS:

External diameter (in) Wall thickness (in)

Weight per foot (lb) Minimum yield psi (SMYS)

Longitudinal seam type Pipe Specification (API, ASME)

Type of coating Manufacturer of pipe

% SMYS at MAOP

If more than one type of pipe is used, provide specifications for each type and attach a map or description showing where each is located.

4. Test Pressure (psig) Test medium

For existing lines, the date(s) of the test

5. Maximum allowable operating pressure (MAOP), psig

 (See c, d.)

 Attach calculations showing how the MAOP was determined.

6. Type of cathodic protection. Anodes Rectifier Other (explain)

7. VALVES AND FLANGES:

Valves: API class \_\_\_\_\_\_\_ or pressure rating \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Flanges: ASME or MSS class \_\_\_\_ or pressure rating \_\_\_\_\_\_

Type of valve (plug, gate, ball, etc.)

Method of valve connection (Flanged, screwed or welded)

Valve manufacturer's name and reference No.

 Valve spacing miles.

 Attach a map showing or describe the valve locations.

8. The contents of this pipeline are/will be odorized. Yes No \_

9. The pipeline is/will be designed and constructed to accommodate the passage of instrumented internal inspection devices. Yes No (See e.)

 If not, attach an explanation of why the pipeline cannot accommodate internal inspection devices, and a description of the measures and degree of difficulty that would be necessary to allow the line to accommodate such devices.

10. STANDARDS: Unless otherwise indicated, all design, construction, operation and maintenance records will be in accordance with the appropriate federal and state regulations and standards. (See f.)

11. CROSSINGS: Listed on an attached sheet is the name and location (legal description) of each feature being crossed.

Railroads Number of crossings (See g.)

Federal or State Highways Number of crossings

Foreign Pipelines Number of crossings

Rivers, Streams, Bodies of Water Number of crossings (See h.)

12. CONSTRUCTION:

If applicable, attached is information on any special design, construction, or test measures contemplated due to route conditions, environmentally sensitive areas, or other unusual circumstance.

The project has been designed and will be constructed to minimize the risk of damage to other utilities or disruption of service by those utilities. Petitioner will notify other utilities and exercise caution during construction in compliance with Iowa Code chapter 480.

The pipeline will be tested upon completion in accordance with the applicable provisions of 49 CFR Part 192, latest or replacement issue. The Utilities Board will be notified prior to testing, and after completion a written report will be filed showing the test method and results.

 Name of applicant Date \_\_\_\_\_

 Signed by \_\_\_\_\_

(Name and Title)

Rev. 1.2024

**INSTRUCTIONS FOR EXHIBIT C**

This form is to be filed with "Petition for Pipeline Permit" or "Petition for Renewal of Pipeline Permit."

a. Maximum actual operating pressure is the maximum operating pressure that will exist in the piping system during a normal annual operating cycle.

b. See 49 CFR 192.5

c. Unless otherwise requested by the petitioner, this pressure is the amount that will be specified in the operating permit, when and if issued.

d. See 49 CFR 192.619

e. See 49 CFR 192.150

f. See 199 IAC chapters 9 and 10

g. If any of the railroad rights-of-way listed are abandoned, as defined in Iowa Code
§ 327G.76, please so indicate.

h. Shall include all navigable waterways, meandered streams, streams exceeding 100 feet in width between high water marks, and any stream where a crossing permit is required by another regulatory agency or agencies. Identify the agencies.