

6-B Installation of Pipelines

DESC O&M Manual - Version 2022.5 October 5, 2022

[1.0 SCOPE](#)

[2.0 REGULATORY REFERENCES](#)

[3.0 PROCEDURE](#)

[4.0 TRAINING/QUALIFICATIONS](#)

[5.0 DOCUMENTATION/FORMS](#)

[6.0 RELATED DOCUMENTS](#)

[7.0 APPENDICES](#)

1.0 SCOPE

This chapter describes requirements and procedures for the installation of distribution mains and transmission pipelines. These procedures *may* be performed by DENC and DESC construction or contractor personnel.

These procedures are to be followed for all coated steel and/or plastic *pipe* installed as part of the DENC and DESC pipeline system. Other procedures applicable to construction such as welding or joining are covered in other sections of this manual and design, installation and construction standards specific to each state's specific operation.

2.0 REGULATORY REFERENCES

49 CFR PART 192 §§ [192.317](#), [192.319](#), [192.323](#), [192.325](#), [192.327](#)

3.0 PROCEDURE

Procedures for the following pipeline installation activities can be found in the manual sections listed below.

Protection from Hazards and External Damage [[192.317](#)]

Installation of Pipe in a Ditch [[192.319](#)]

Casings [[192.323](#)]

Underground Clearance [[192.325](#)]

Depth of Cover [[192.327](#)]

State Specific: South Carolina

[Design and Installation Manual \(DESC\)](#) (online manual)

- [D&I 1010 Construction Specifications](#)
- [D&I 1015 Horizontal Directional Drilling \(HDD\)](#)

4.0 TRAINING/QUALIFICATIONS

See the appropriate system Operator Qualification Program.

5.0 DOCUMENTATION/FORMS

System specific forms *should* be used where applicable.

State Specific: South Carolina

- [Add/Modify Pipe Record](#) (PDF file)
- [Add/Modify/Remove Valve Record](#) (PDF file)
- [Add/Modify/Verify Transmission Record](#) (PDF file)
- [Transmission System - Add/Modify/Verify Pipe Record](#) (PDF file)
- [Transmission System - Add/Modify/Verify Fitting Record](#) (PDF file)
- [Transmission System - Add/Modify/Verify Valve Record](#) (PDF file)

6.0 RELATED DOCUMENTS

None at this time.

7.0 APPENDICES

State Specific: South Carolina

- [Design and Installation Manual \(DESC\)](#) (online manual)

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