ISO 11299-1:2018 (E)

Plastics piping systems for renovation of underground gas supply networks — Part 1: General

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

- 3.1 General
- 3.2 Techniques
- 3.3 Characteristics
- 3.4 Materials
- 3.5 Product stages
- 3.6 Service conditions

4 Symbols and abbreviated terms

- 4.1 Symbols
- 4.2 Abbreviated terms

5 Pipes at the "M" stage

- 5.1 Materials
- 5.2 General characteristics
- 5.3 Material characteristics
- 5.4 Geometric characteristics
- 5.5 Mechanical characteristics
- 5.6 Physical characteristics
- 5.7 Jointing
- 5.8 Marking

6 Fittings at the "M" stage

- 6.1 Materials
- 6.2 General characteristics
- 6.3 Material characteristics
- 6.4 Geometric characteristics
- 6.5 Mechanical characteristics
- 6.6 Physical characteristics
- 6.7 Jointing
- 6.8 Marking

7 Ancillary components

8 Fitness for purpose of the installed lining system at the “I” stage

- 8.1 Materials
- 8.2 General characteristics
- 8.3 Material characteristics
- 8.4 Geometric characteristics
- 8.5 Mechanical characteristics
- 8.6 Physical characteristics
- 8.7 Additional characteristics
- 8.8 Sampling
- 8.9 Regional requirements for the installed lining system

9 Installation practice

9.1 Preparatory work
9.2 Storage, handling and transport of pipes and fittings
9.3 Equipment
9.3.1 General
9.3.2 Inspection equipment
9.3.3 Lifting equipment
9.4 Installation
9.4.1 General
9.4.2 Safety precautions
9.4.3 Simulated installations
9.5 Process-related inspection and testing
9.6 Lining termination
9.7 Reconnection to the existing pipeline system
9.8 Final inspection and testing
9.9 Documentation

Page count: 15