DIN ISO 16486-6:2015-07 (E)

Plastics piping sys tems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems with fusion jointing and mechanical jointing - Part 6: Code of practice for design, handling and installation (ISO 16486-6:2012)

Contents

Page

National foreword 3

Introduction 5

1 Scope 6

2 Normative references 6

3 Termsanddefinitions 7

4 Symbols and abbreviated terms 7

5 Design 8
5.1 General 8
5.2 Materials, components and jointing equipment 8
5.3 Maximum operating pressure 8
5.4 Assembly techniques 9
5.5 Squeeze-off properties 9

6 Installation 9
6.1 Jointing procedure 9
6.2 Training 10
6.3 Heated-tool fusion jointing 10
6.4 Electrofusion jointing 14
6.5 Laying 17

7 Storage, handling and transport 19
7.1 General 19
7.2 Storage 19
7.3 Handling 20
7.4 Transport 21

8 Quality control 21
8.1 General 21
8.2 Inspection prior to laying 21
8.3 Inspection during laying 22

Annex A (normative) Deratingcoefficientsforoperatingtemperatures 24

Bibliography 25

National Annex NA (informative) Bibliography 4