

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

Plastics piping systems 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	Terms and definitions	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) Derating coefficients for operating temperatures		24
Bibliography		25
National Annex NA (informative) Bibliography		4