

DIN EN ISO 12213-3:2010-01 (E)

Natural gas - Calculation of compression factor - Part 3: Calculation using physical properties (ISO 12213-3:2006)

Contents		Page
Foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Method of calculation	5
4.1	Principle	5
4.2	The SGERG-88 equation	5
4.3	Input variables	6
4.4	Ranges of application	6
4.5	Uncertainty	8
5	Computer program	9
Annex A (normative)	Symbols and units	10
Annex B (normative)	Description of the SGERG-88 method	13
Annex C (normative)	Example calculations	24
Annex D (normative)	Conversion factors	25
Annex E (informative)	Specification for pipeline quality natural gas	28
Annex F (informative)	Performance over wider ranges of application	31
Annex G (informative)	Subroutine SGERG.FOR in Fortran	36
Bibliography		41