

DIN EN ISO 12213-2:2010-01 (E)

Natural gas - Calculation of compression factor - Part 2: Calculation using molar-composition analysis (ISO 12213-2:2006)

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 AGA8-92DC equation	5
4.3	Input variables	6
4.4	Ranges of application	6
4.5	Uncertainty	8
5	Computer program	10
Annex A (normative) Symbols and units		11
Annex B (normative) Description of the AGA8-92DC method		13
Annex C (normative) Example calculations		21
Annex D (normative) Pressure and temperature conversion factors		22
Annex E (informative) Performance over wider ranges of application		23
Annex F (informative) Subroutines in Fortran for the AGA8-92DC method		28
Bibliography		35