

# ISO 12213-2:2006-11 (E)

## Natural gas - Calculation of compression factor - Part 2: Calculation using molar-composition analysis

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Normative references .....</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>Method of calculation .....</b>	<b>2</b>
<b>4.1</b>	<b>Principle .....</b>	<b>2</b>
<b>4.2</b>	<b>The AGA8-92DC equation .....</b>	<b>2</b>
<b>4.3</b>	<b>Input variables .....</b>	<b>3</b>
<b>4.4</b>	<b>Ranges of application .....</b>	<b>3</b>
<b>4.5</b>	<b>Uncertainty .....</b>	<b>5</b>
<b>5</b>	<b>Computer program .....</b>	<b>7</b>
Annex A (normative) Symbols and units .....		8
Annex B (normative) Description of the AGA8-92DC method .....		10
Annex C (normative) Example calculations .....		18
Annex D (normative) Pressure and temperature conversion factors .....		19
Annex E (informative) Performance over wider ranges of application .....		20
Annex F (informative) Subroutines in Fortran for the AGA8-92DC method .....		25
Bibliography .....		32