## Lisa 11.3. Gaasi normiviited

EVS 758:2009. Metrology: terms and definitions.

**EVS-EN 12261.** Gas metes - Turbine gas meters.

EVS-EN 12405-1. Gas meters - Conversion devices - Part 1: Volume conversion.

EVS-EN 12405-2. Gas meters - Conversion devices - Part 2: Energy conversion

**EVS-EN 12480.** Gas meters - Rotary displacement gas meters.

**EVS-EN 1776**. Gas infrastructure – Gas measuring systems – Functional requirements.

**EVS-EN 437.** Test gases. Test pressures. Appliance categories.

**EVS-EN ISO 10101.** Natural gas - Determination of water by the Karl Fischer method.

**EVS-EN ISO 10723.** Natural gas - Performance evaluation for on-line analytical system.

**EVS-EN ISO 12213-1.** Natural gas - Calculation of compression factor - Part 1: Introduction and guidelines.

**EVS-EN ISO 12213-2.** Natural gas - Calculation of compression factor - Part 2: Calculation using molar-composition analysis.

**EVS-EN ISO 12213-3.** Natural gas - Calculation of compression factor - Part 3: Calculation using physical properties.

**EVS-EN ISO 11541.** Natural gas - Determination of water content at high pressure.

**EVS-EN ISO 13443.** Natural gas - Standard reference conditions.

EVS-EN ISO 15112. Natural gas - Energy determination.

EVS-EN 16726. Gas infrastructure - Quality of gas - Group H.

**EVS-EN ISO 18453.** Natural gas - Correlation between water content and water dew point.

**EVS-EN ISO 19739.** Natural gas - Determination of sulfur compounds using gas chromatography.

**EVS-EN ISO 6141.** *Gas analysis - Requirements for certificates for calibration gases.* 

**EVS-EN ISO 6142.** Gas analysis - Preparation of calibration gas mixtures - Gravimetric method.

**EVS-EN ISO 6143.** Gas analysis - Comparison methods for determining and checking the composition of calibration gas mixtures.

**EVS-EN ISO 6326.** Natural gas - Determination of sulfur compounds.

**EVS-EN ISO 6327.** Gas analysis - Determination of the water dew point of natural gas - Cooled surface condensation hygrometers.

**EVS-EN ISO 6570.** Natural gas - Determination of potential hydrocarbon liquid content - Gravimetric methods.

**EVS-EN ISO 6974-1.** Natural gas - Determination of composition and associated uncertainty by gas chromatography - Part 1: General guidelines and calculation of composition.

**EVS-EN ISO 6974-2.** Natural gas - Determination of composition and associated uncertainty by gas chromatography - Part 2: Uncertainty calculations.

**EVS-EN ISO 6974-3.** Natural gas - Determination of composition with defined uncertainty by gas chromatography - Part 3: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and hydrocarbons up to C8 using two packed columns.

**EVS-EN ISO 6974-4.** Natural gas - Determination of composition with defined uncertainty by gas chromatography - Part 4: Determination of nitrogen, carbon dioxyde and C1 to C5 and C6+ hydrocarbons for a laboratory and on-line measuring system using two columns.

**EVS-EN ISO 6974-5.** Natural gas - Determination of composition with defined uncertainty by gas chromatography - Part 5: Determination of nitrogen, carbon dioxide and C1 to C5 and C6+ hydrocarbons for a laboratory and on-line process application using three columns.

**EVS-EN ISO 6974-6.** Natural gas - Determination of composition with defined uncertainty by gas chromatography - Part 6: Determination of hydrogen, helium, oxygen, nitrogen, carbon dioxide and C1 to C8 hydrocarbons using three capillary columns.

EVS-EN ISO 6975. Natural gas - Extended analysis - Gas-chromatographic method.

**EVS-EN ISO 6976.** Natural gas - Calculation of calorific values, density, relative density and Wobbe index from composition.

**EVS-EN ISO/IEC 17025.** General requirements for the competence of testing and calibration laboratories.

**ISO 17089-1.** Measurement of fluid flow in closed conduits. Ultrasonic meters for gas. Meters for custody transfer and allocation measurement.

**ISO 23874.** Natural gas -Gas chromatographic requirements for hydrocarbon dewpoint calculation.

**ISO/IEC GUIDE 99:2007.** International vocabulary of metrology. Basic and general concepts and associated terms VIM).

**ISO/TR 11150.** Natural gas - Hydrocarbon dew point and hydrocarbon content.

**ISO/TR 22302:2014.** Natural gas - Calculation of methane number.

OIML R 137-1 and 2. Gas meters.

**OIML R140.** Measuring systems for gaseous fuel.