Indian Standard

BIOGAS (BIOMETHANE) — SPECIFICATION

1 SCOPE

This standard prescribes the requirements and the methods of sampling and test for the biogas (biomethane) applications in stationary engines, automotive and thermal applications and supply through piped network.

2 REFERENCES

The following standards contain provisions which through reference in this text constitute the provisions of the standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standard indicated below:

IS No./ International Standard	*Title*
1070: 1992	Reagent grade water (*third revision*)
7285 (Part 2): 2004	Refillable seamless steel gas cylinders: Part 2 Quenched and tempered steel cylinders with tensile strength less than 1100 MPa (112 kgf/mm^2)
15125:2002/ ISO 10715: 1997	Natural gas — Sampling guidelines
15130 (Part 3): 2002/ ISO 6974-3: 2000	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 C_8 using two packed columns
15319 : 2003/ ISO 13734 : 1998	Natural gas — Organic sulphur compounds used as odorants — Requirements and test methods
15320 : 2003/ ISO 15403 : 2000	Natural gas — Designation of the quality of natural gas for use as a compressed fuel for vehicles
15490 : 2004	Cylinders for on-board storage of compressed natural gas as a fuel for automotive vehicles
15641 (Part 2) : 2006/ ISO 10101-2 : 1993	Natural gas — Determination of water by Karl Fischer method: Part 2 Titration procedure
ISO 6326-3: 1989	Natural gas — Determination of sulphur compounds: Part 3 Determination of hydrogen sulphide, mercaptan sulphur and carbonyl sulphide sulphur by potentiometry
ISO 14532: 2001	Natural gas — Vocabulary