

INTERNATIONAL STANDARD

ISO
10715

First edition
1997-06-01

Natural gas — Sampling guidelines

Gaz naturel — Lignes directrices pour l'échantillonnage



Reference number
ISO 10715:1997(E)

Contents

1 Scope 1

2 Definitions 1

3 Principles of sampling 3

4 Safety precautions..... 5

5 Technical considerations..... 7

6 Materials used in sampling 10

7 General preparation of equipment..... 11

8 Sampling equipment 12

9 Spot sampling 18

10 Direct sampling..... 19

11 Incremental sampling..... 21

Annexes

A Use of a block valve in direct sampling..... 23

B Cleaning of steel sampling cylinders..... 25

C Procedure for low-pressure sampling into glass cylinders..... 26

D Procedure for sampling by the fill-and-empty method 28

E Procedure for sampling by the controlled-rate method 30

F Procedure for sampling by the evacuated-cylinder method..... 32

G Guidelines for the calculation of the residence time 34

H Student's *t*-table 38

J Bibliography 39