BS ISO 7382:2023

BSI Standards Publication

Ethylene for industrial use — Sampling in the liquid and the gaseous phase

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National foreword

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The UK participation in its preparation was entrusted to Technical Committee I/-, Miscellaneous standards materials and chemicals.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Ethylene for industrial use — Sampling in the liquid and the gaseous phase

Éthylène à usage industriel — Échantillonnage en phase liquide et en phase gazeuse

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Foreword

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This document was prepared by Technical Committee ISO/TC 47, *Chemistry*.

This second edition cancels and replaces the first edition (ISO 7382:1986), which has been technically revised.

The main changes are as follows:

— the Scope has been expanded to apply to sampling for the determination of trace polar compounds in ethylene products;

— Clauses 2 and 3 have been added;

— content from Clauses 4 and 7, including safety precaution and maintenance of sampling apparatus, has been moved elsewhere in the document;

— in Clause 4, the critical pressure for ethylene has been corrected to 5,04 MPa;

— in Clause 5, explanations regarding apparatus have been added;

— in Clause 5, some specific parameters, including volume of sampling cylinder, size of connecting pipe and time to purge sampling cylinder, have been deleted;

— in 5.2.1, specially passivated sampling apparatus has been recommended, especially when sampling for the determination of trace polar compounds in ethylene products.

— Annex A, and Figures 1, 5 and A.1 have been revised.

— in 5.2.2: the procedure of purging and sampling for non-closed sampling apparatus has been revised;

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