



INTERNATIONAL STANDARD ISO 10307-1:1993 TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Petroleum products — Total sediment in residual fuel oils —

Part 1: Determination by hot filtration

TECHNICAL CORRIGENDUM 1

Produits pétroliers — Insolubles existants dans les fuel-oils résiduels

Partie 1: Détermination par filtration à chaud

RECTIFICATIF TECHNIQUE 1

Technical corrigendum 1 to International Standard ISO 10307-1:1993 was prepared by Technical Committee ISO/TC 28, *Petroleum products and lubricants*.

Rationale

The precision statement for residual fuels (clause 11) given in this International Standard was derived from statistical examination of interlaboratory test results generated over the period 1986 to 1989, and the statistical analysis was carried out by ISO 4259:1979. In the implementation of this International Standard in ISO 8217:1996 and other national standards, it has been found necessary to set limiting values below that normally acceptable on the basis of test method reproducibility, and thus commercial interpretation of test results has been impaired.

It has long been suspected that the statistical analysis of the test results may have been affected by the masking of outliers, as this appeared to be the case following visual examination of the data matrix. As a result of this uncertainty, the raw data generated from 1986 to 1989 have been subjected to a new statistical analysis by ISO 4259:1992, which sets more rigorous guidelines for outlier determination, and is the current basis for the

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