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Solid mineral fuels — Hard coal — Determination of moisture in the general analysis test sample by drying in nitrogen

*Combustibles minéraux solides — Houille — Détermination
de l'humidité de l'échantillon pour analyse par dessiccation en
atmosphère d'azote*



Reference number
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Foreword

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The committee responsible for this document is ISO/TC 27, *Solid mineral fuels*, Subcommittee SC 5, *Methods of analysis*.

This second edition cancels and replaces the first edition (ISO 11722:1999), of which it constitutes a minor revision.

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Introduction

The determination of the moisture in the general analysis test sample is required to correct the results of certain analytical determinations, e.g. volatile matter and hydrogen, for the effect of water in the determination and to allow all determinations to be corrected to dry basis.

Since hard coal is hygroscopic, its moisture will vary with change of humidity of the atmosphere and the moisture in the general analysis test sample should therefore be determined whenever portions are weighed out for other analytical determinations. If test portions for several analytical determinations are weighed out at the same time, a single simultaneous moisture determination will suffice to correct those analyses.