

BS EN ISO 10723:2012



BSI Standards Publication

Natural gas — Performance evaluation for analytical systems

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In addition, the term *generalized least squares* (GLS), is used as the main regression technique to establish unbiased estimates of response functions, replicating robust statistics from BS EN ISO 6143:2006. This was included in an attempt to harmonize standards written by TC/158 and TC/193. Therefore, the committee believes that the reference to *ordinary least squares* (OLS) in **National foreword** is not required, nor is it used elsewhere in the standard.

This British Standard is the UK implementation of EN ISO 10723:2012. It supersedes BS EN ISO 10723:2002 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PTI/15, Natural Gas and Gas Analysis.

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

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In the published standard, the term *working measurement standards* (WMS) is used to refer to reference gas mixtures. In order to align the vocabulary used in describing natural gas or gas analysis, the UK committee would have preferred to use the term *Secondary Reference Gas Mixtures*, found in BS ISO 7504:2001.

Compliance with a British Standard cannot confer immunity from legal obligations.
In addition, the term *generalized least squares* (GLS), is used as the main regression technique to establish unbiased estimates of response functions, replicating robust statistics from BS EN ISO 6143:2006. This was included in an attempt to harmonize standards written by TC/158 and TC/193. Therefore, the committee believes that the reference to *ordinary least squares* (OLS) in clause 6.6.1 is not required, nor is it used elsewhere in the standard.

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Published by BSI Standards Limited 2013

ISBN 978 0 580 69944 3

ICS 71.040.40; 75.060

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ISBN 978 0 580 69944 3

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 May 2013.

Amendments/corrigenda issued since publication

Date	Text affected
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