

Foam producing solutions for leak detection on gas installations

The European Standard EN 14291:2004 has the status of a
British Standard

ICS 23.040.99

National foreword

This British Standard is the official English language version of EN 14291:2004.
The UK participation in its preparation was entrusted to Technical Committee PSE/2, Jointing materials and compounds, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

Additional information

Attention is drawn to the fact that in the United Kingdom concerns have been raised over the possibility of corrosion being caused as a result of certain constituents that are permitted in leak detection solutions complying with this standard.

There is concern over the corrosion of thin-wall stainless steel tube when coming into contact with solutions containing the levels of halogens permitted by the standard and the following recommendations should be considered when applying the standard.

“Leak detection solutions containing more than 30 parts per million of halogens shall not be used on stainless steel components.”

Similarly there is concern over the corrosion of brass and copper components when coming into contact with solutions containing ammonia and the following recommendations should be considered when applying the standard.

“Leak detection solutions containing ammonia shall not be used on brass or copper components; the absence of ammonia being demonstrated by the fluid having a pH not exceeding 7,0.”

It is similarly recommended that the Instructions for Use shall include the instruction “After using this leak detecting solution, the tested joint shall be washed clean to ensure the removal of any residual solution which could result in the corrosion of the pipework or fittings.”

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the *BSI Catalogue* under the section entitled “International Standards Correspondence Index”, or by using the “Search” facility of the *BSI Electronic Catalogue* or of British Standards Online.

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English version

Foam producing solutions for leak detection on gas installations

Solution pour le détection des fuites aux installations de
gaz

Schaumbildende Lösungen zu Lecksuche an
Gasinstallationen

This European Standard was approved by CEN on 23 September 2004.

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