

Non-electrical equipment for use in potentially explosive atmospheres —

Part 6: Protection by control of ignition source 'b'

The European Standard EN 13463-6:2005 has the status of a
British Standard

ICS 13.230

National foreword

This British Standard is the official English language version of EN 13463-6:2005.

The UK participation in its preparation was entrusted to Technical Committee FSH/23, Fire precautions in industrial and chemical plant, 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

The contents of informative Annex C were the subject of considerable debate during the development of this European Standard. Those who are familiar with programmable electronic systems and their potentially complex failure modes see the need for much more detailed advice on designing equipment which has reliable protective systems. As pointed out in Annex C, EN 954-1:1996 does not effectively cover all of the principles described in this European Standard for the purposes of assessing ignition control devices.

Those from a mechanical background recognized that very simple devices can sometimes be used as safety systems. If designers were to consider all the issues covered in EN 61508 then this would be a barrier to the successful application of the principles found in this European Standard.

This European Standard will need review and may be subject to amendment at a later date in the light of the full variety of new products that will be developed using its principles and the eventual publication EN 62061.

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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Summary of pages

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