



BSI Standards Publication

Determination of maximum explosion pressure and the maximum rate of pressure rise of gases and vapours

National foreword

This British Standard is the UK implementation of EN 15967:2011. It supersedes BS EN 13673-1:2003 and BS EN 13673-2:2005, which are withdrawn.

This standard determines the maximum explosion pressure and maximum rate of pressure rise for gases and vapours under standardized conditions at ambient temperature, pressure and from quiescent initial conditions. Any variation from experimental conditions in temperature, pressure or turbulence will lead to discrepancy between observed values and those determined through experiment. In particular, increased levels of turbulence above those seen in the experimental equipment, initiating explosions from pressures above ambient and effects such as pressure piling will lead to enhanced pressure generation and rates of pressure rise when compared to experimental values.

The UK participation in its preparation was entrusted to Technical Committee EXL/23, Explosion and fire precautions in industrial and chemical plant.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Amendments issued since publication

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