

Press information

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## **European Safety Systems achieves Combustible Dust extension to BEx ATEX Approvals**

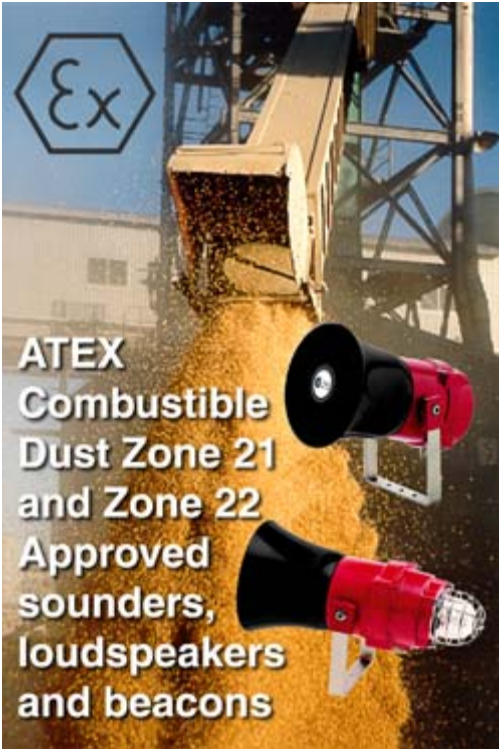
**Released 26 March 2004**

European Safety Systems, E2S, has been granted an extension to its ATEX approval for its entire BEx range of EEx d and EEx de sounders, loudspeakers, beacons and combined sounder/beacons. The units are now approved for use in Zone 21, where combustible dust is likely to be present during normal operations, and Zone 22, where combustible dust may occasionally be present for short periods. Zones 21 and 22 are the combustible dust equivalents to the long-established Zones 1 and 2 for gaseous hazards. E2S is believed to be the only UK manufacturer of audible and visual warning devices whose EEx d and EEx de Hazardous Area range has been so approved. This approval is particularly relevant to grain silos and flourmills.

To achieve the Combustible Dust Approval, the ABS horn of the existing BEx sounders, loudspeakers and appellos has been replaced with a special black anti-static equivalent, thereby enabling the original red-horned Category 2G units to be clearly differentiated from the new black-horned Category 2G/D devices. Colour-coded units will serve as a powerful reinforcement for the mandatory labelling to help avoid devices being installed in the wrong areas. The new gas/dust sounder range of units has been given a new type number BExD to distinguish them from the standard BEx gas units

The existing BEx beacons, with cast aluminium bodies and glass lenses, are now approved without change as Category 2G/D capable. In future all of the BEx beacon range of units manufactured by E2S will be gas/dust units.

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**Notes to Editors.**

For further information contact:

E2S contact:

Peter Fay  
Managing Director  
European Safety Systems Limited  
Impress House  
Mansell Road  
London  
W3 7QH  
Tel: + 44 (0)20 8743 8880  
Fax: + 44 (0)20 8740 4200  
[sales@e-2-s.com](mailto:sales@e-2-s.com)  
[www.e-2-s.com](http://www.e-2-s.com)

Agency contact:

Nigel May  
Parkfield Communications Limited  
Parkfield House  
Damerham  
Hants  
SP6 3HQ

Tel: + 44 (0)1725 518321  
Fax: + 44 (0)1725 518378  
[nigel.may@parkfield.co.uk](mailto:nigel.may@parkfield.co.uk)  
[www.parkfield.co.uk](http://www.parkfield.co.uk)

European Safety Systems specialise in the design and manufacture of a wide range of Intrinsically Safe and Explosion Proof high performance sounders, strobes and beacons, including unique intelligent annunciation and audio messaging devices employing direct analogue signal storage on silicon technology.