YES, please contact me to discuss taking part in a **Lorient Dampers Workshop:**

Name:

Job title:

Organisation:

Address:

Telephone number:

E-mail:

Please FAX BACK to **01626 837501**

☐ We would like to e-mail you with relevant information about our products and services in future. If you would prefer us not to do so, please tick this box.

☐ We would like to mail you with relevant information about our products and services in future. If you would prefer us not to do so, please tick this box.

☐ We may wish you pass on your data to selected companies, with whom we work on joint projects. If you would prefer us not to do so, please tick this box.

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11/08

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TAKE 5

.... and make sure you're up to date with all the latest facts about intumescent dampers!

- BS ISO 10294 Part 5
- EN1366-2: 1999
- Document B
- HTM 05-02A
- BS 5588 Part 9

BS ISO 10294 Part 5: Fire test standard for intumescent dampers

In April 2005 a new fire test standard (BS ISO 10294-5:2005 Intumescent fire dampers) was published. This at last provides a test standard for intumescent dampers in ventilation systems, and is directly comparable with the European test EN1366-2: 1999 (which currently only serves for mechanical dampers).

European standards - intumescent dampers

A CENTC127 committee is currently involved in producing a European Fire Test Standard compatible with intumescent fire dampers. It is anticipated that the standard will be completed by 2010.

Recent successful fire resistance testing at BRE of the new Lorient LVH54 fire damper, in accordance with the requirements of BS ISO 10294-5, demonstrated compliance with current European Fire Standard for Fire Dampers in EN1366-2 in every respect other than an opening and closing cycle test prior to furnace ignition. This cycling requirement is intended to demonstrate the reliability of a mechanical damper to perform a stated number of operations satisfactorily. The equivalent of this reliability test for intumescent dampers is embodied within the Factory Production Control section of BS ISO 10294-5.

Government sponsored research supports intumescent dampers

Recent UK Government (ODPM) sponsored fire research at BRE in support of the new Approved Document B and the publication of ISO 10294-5 has brought about a realisation of the effectiveness of the new generation of intumescent dampers.

New and revised European standards to include intumescent dampers

Other European damper standards which are being addressed are:

- a new product standard dealing with both mechanical and intumescent dampers, being drafted by CEN156 WG9 TG1
- a revision to the mechanical damper classification standard to incorporate intumescent dampers, to be addressed by CEN127 WG2 TG4

BS 5588 Part 9 includes intumescent dampers

BS 5588 Part 9, when revised in 1999, clearly identified intumescent dampers as viable substitutes for mechanical dampers.

HTM 05-02A: Department of Health to lift restrictions on intumescent dampers

A wider appreciation of the efficacy of intumescent dampers and air transfer grilles has prompted the Department of Health to lift their prohibition on such products, as demonstrated in the new draft document (HTM 05-02A: Guidance in support of functional requirements).

Modern intumescent dampers are now internationally accepted substitutes for standard mechanical dampers, being more reliable, easy to install and needing little maintenance - but with surprisingly low procurement costs.

To find out more about the advantages of intumescent dampers, and to make sure you're up to date with the latest standards and requirements, ask about Lorient's new Dampers Workshop. Complete the form overleaf for more information.