

NAFLIC

National Association For Leisure Industry Certification

Standards & Related Documents Committee

TECHNICAL BULLETIN - MARCH 2002

219. Use of Smoke Machines

The issue of the use of smoke effects on amusement rides and other attractions occasionally crops up.

There are several sources of smoke which may be used, according to the particular requirement. However, they are not without their hazards and risk assessment is therefore essential.

Although not directly aimed at fairground and amusement park attractions, there is a free HSE information sheet, Entertainment Sheet No. 3, on the subject. This was written in conjunction with the Joint Advisory Committee for Broadcasting and Performing Arts. The full printed version may be obtained from HSE Books, PO Box 1999, SUDBURY, CO10 2WA (Tel: +44 1787 881165). The title is *Smoke and vapour effects used in entertainment*. An HTML version may be accessed at <http://www.hse.gov.uk/pubns/etis3.htm>

There is also a publication available from the Association of British Theatre Technicians, entitled *Pyrotechnics & Smoke Effects*. This costs £10 to non-members. The ordering details may be found on their website - <http://www.abtt.org.uk/>

For use with amusement attractions, in addition to hazards associated with the different types of smoke source, there may also be other considerations (for instance, adequate visibility for passengers, operators, attendants) when used in conjunction with rides.

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