

FIMA develops zone 0-rated blowers

FIMA, the German fluid mechanics firm, has developed a series of zone 0-rated blowers in full compliance with the European Directive 94/9/EC.

The extension of emission control requirements during the last years have led to an increasing demand for blowers suited for the transport of explosive waste gas.

Explosive atmosphere that is classified as zone 0, zone

1 or zone 2 must only be handled by blowers that fall under the European Directive 94/9/EC (explosion protection directive). Blowers to be used for zone 0 need an EC-type-examination certificate to be issued by a notified body.

Those blowers have the type approval according to EU guidelines for the explosion hazard classes IIA, IIB1, IIB2, IIB3 and IIB. FIMA's zone 0 blower range can handle gas flows of up to 7000 m³/h and pressure rises up to 300mbar. ●

Zone 0 blowers are used in flame arrestors and as part of vapour recovery units

