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Document number SAS F090352
Issue number 1

DESIGN APPRAISAL DOCUMENT

Date 18 November 2009	Quote this reference on all future communications LDSS/TA/SFS/MF
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS F090352

Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

The Loss Prevention Council (LPC), Borehamwood, United Kingdom, Test Report No. TE83996, dated 12 November 1993.

CONDITIONS OF CERTIFICATION

1. When used in conjunction with an H-0 Class (no temperature criteria) or H-30 Class Steel Bulkhead.
2. Maximum seal width: 1000 mm (920mm clear opening) consisting of either a single or double layer "Fireflex" multilayer seal, comprised of layers of woven ceramic cloth reinforced with stainless steel wire, ceramic felt, nickel foil, aluminium foil and glass cloth.
3. Double Layer Seal consists of: a sandwich construction, comprising a layer of "Fireflex" seal either side of a 40 mm thick layer of ceramic fibre "Durablanket" (density 128kg/m³) retained by steel flats 40mm x 6mm, fitted around its perimeter with M10 steel bolts at 150mm centres. For an H-30 fire rating, the bulkhead including retaining strips must be insulated with an approved insulation system.
4. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure that items are of the same standard as the approved prototype.

NOTE

The double layer seal strip was subjected to a series of blast overpressure tests, with a peak value of 57kpa, and a duration of 300 ms, prior to fire testing. The AEA Technology, Winfirth, United Kingdom Test Report No. AEA-D&W-0656, dated September 1993 refers.

PLACE OF PRODUCTION

Bestobell Oilfield Products
Ashby Road
Shepshed
Loughborough,
Leicestershire, LE12 9EQ

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s).

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