

CERTIFICATE OF TYPE APPROVAL

This is to certify that

The product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	Leaffield Marine Ltd
Address	Unit 2 Atworth Business Park Bath Road Atworth Wiltshire, SN12 8SB United Kingdom (UK)
Product Type	GAS INFLATION SYSTEM
Product Description	Liferaft Gas Inflation System Type GIS comprising type D91-210 series operating head and type D91-220 series cylinder valves and type B91-160 series inlet valve.
Specified Standards	SOLAS 74, as amended, Regulations III/4 and 34, 35 & 36 IMO Resolution MSC.48(66), LSA Code, Reg I/1.2 and IV/4.1 & 4.2 Schedule 4 of MSN 1676(M) as required by Part 1, Regulation 2 of the Merchant Shipping (Life Saving Appliances for Ships other Than Ships of Classes III to VII(A)) Regulations 1999, Schedule 4 of MSN 1676(M) as required by Part 1, Regulation 2 of the Merchant Shipping (Life Saving Appliances for Ships of Classes III to VII(A)) Regulations 1999, IMO Resolution MSC.81(70), Part 1 Part 1, Section 1, Paragraph 18 and Part VI, Chapter 4 of Volume 2, Survey of Life Saving Appliances (Revised 1999). BS ISO 15738:2002

The attached Design Appraisal Document forms part of this certificate.

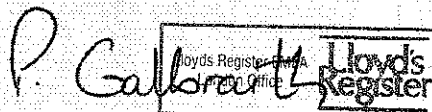
This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

Date of issue 8 July 2010

Expiry date 7 July 2015

Certificate No. SAS S100068

Signed



Sheet No 1 of 4

Name

P. Galbraith
Surveyor to Lloyd's Register EMEA
A Member of the Lloyd's Register Group

Note:

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register of any modification or changes to the equipment in order to obtain a valid certificate.

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