

Certificate Of Fire 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	BIP Industries Co., Ltd.
Address	1817, Jungang-Daero, Geumjeong-gu, Busan, Republic of Korea
Type	B-0 CEILING FIXTURES
Description	Fire Resisting 'B' Class Continuous Ceiling Access Hatches
Trade Name	"BIP AH 25"
Specified Standard	IMO Res. MSC.61(67) – (FTP Code) Annex 1 Part 3 IMO MSC/Circ.1120 IMO Res. MSC.307(88) – (2010 FTP Code) Section 8

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 EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document and its supplementary Type Approval Terms and Conditions form 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.

Jessica EvansSenior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group71 Fenchurch Street, London, EC3M 4BS, United
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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR21347655SF

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

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This certificate is a renewal of Certificate No. SAS F164077-02

APPROVAL DOCUMENTATION**TEST REPORTS**

Fire Insurers Laboratories of Korea (FILK), 69-1 Simseok-Ri, Ganam-Myeon, Yeosu-Gun, Gyeonggi-Do, 469-881, Korea; Test Report No. 2010-0258 dated 15th June 2010.

CONDITIONS OF CERTIFICATION

1. When used in conjunction with an approved B-0 Class ceiling.
2. "BIP AH25 B-0 Class Square Access Hatches" consisting of 0.6mm thick steel sheet attached to 20mm x 30mm x 15mm x 1.2mm thick steel frame using a continuous stainless steel hinge and fitted with push button lock w/latch (one for size 290mm x 290mm and two for size 590mm x 590mm).
3. Maximum size of "BIP AH25 B-0 Class Square Access Hatches": 590mm x 590mm; clear opening size: 560mm x 560mm.
4. Minimum size of "BIP AH25 B-0 Class Square Access Hatches": 290mm x 290mm; clear opening size: 260mm x 260mm.
5. Composition, application and installation of sub components, including any adhesives, seals and any fire retardants, to be maintained in production and use in accordance with originally tested composition formula and method of application and installation, and manufacturer's instructions.
6. 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.
7. The certificate holder is solely responsible for the products supplied under this Certificate and to ensure that their products, whether manufactured by themselves or their licensee manufacturers, if agreed by Lloyd's Register, are fully compliant with the relevant statutory regulations and Lloyd's Register Class rules as applicable and designed, manufactured and installed to the same quality and specifications as the prototype tested, including components that are designed and manufactured by third parties.

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR21347655SF**PLACE OF PRODUCTION**

BIP Industries Co., Ltd.
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Gyeongsangnam-do
Republic of Korea



Jessica Evans
Senior Specialist
Statutory Fire & Safety
Marine Technology and Engineering Services
Global Technology Centre
Lloyd's Register EMEA

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).