DNV·GL

Certificate No:
TAF000018Y

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Jet Fire Protection

with type designation(s)
ContraFlame JF120-200 FB

Issued to
Advanced Insulation Limited
Gloucester, United Kingdom

is found to comply with
DNV GL offshore standards

Application :

Approved for use as a jet fire barriers.

Restricted application: Fire against the insulated side.

Issued at **Høvik** on **2020-02-13**
This Certificate is valid until **2025-02-12**.
DNV GL local station: **Manchester**

Approval Engineer: **Karolina Kusmider**

for **DNV GL**

Mårten Schei-Nilsson
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Product description

"ContraFlame JF120-200 FB",
Structural steel divisiosion insualted with "ContraFlame" system composed of the following layers:

- 75 mm C50-400 phenolic syntactic foam (inner layer)
- 15 mm C-50-700 phenolic syntactic foam (intermediate layer)
- 6 mm (nominal) D2004 fibre-reinforced skin (outer layer)

Total system thickness is 96 mm.

Application/Limitation

Approved for use as a jet fire barrier of rating (Type of fire/Type of application/Critical temperature rise (°C)/Period of resistance (minutes)):

Restricted application: Fire against insulation side

Any project specific design solutions arrived at on basis of this certificate are to be further validated by project specific approvals carried out by the appointed verifying authority for each project in each case at the detail engineering stage.

Each product is to be supplied with its manual for installation/application and maintenance.

Type Approval documentation

Certification in accordance with Class Programme DNVGL-CP-0338, September 2018.

Test Report No. 12857 Issue 2.0 dated 2012-06-24, from GL Noble Denton, Spadeadam, UK.

Dwg. No.Advanced Insulation-0176 Rev. 1 dated 2012-01-31 from Advanced Insulation, Gloucester, UK.

Application procedure No. AP01.02 Issue 06 dated 2013-08-05 from Advanced Insulation, Gloucester, UK.

Tests carried out

Tested according to ISO 22899-1:2007.

Marking of product

The product or packing is to be marked with name of manufacturer, type designation and fire technical rating.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Class Programme DNVGL-CP-0338, Section 4.