Certificate No: LR23167079SF
Issue Date: 18/04/2023
Expiry Date: 17/04/2028

Certificate Of Fire Approval

This is to certify that the product(s) detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations for use on offshore units classed with Lloyd's Register, and for use on offshore units and onshore facilities when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	**MOV Limited**
Address	361 Gilcheonsaneop-ro Sangbuk-myeon, Ulju-gun, Ulsan, 44905, South Korea
Type	Fire Protection Enclosure System (Rapid Temperature Rise Fire Test)
Description	"FR Shell" Fire Protection System, for Rapid Rise Hydrocarbon Time / Temperature exposures: for up to 60 minutes for the fire protection of actuators. The system is also suitable to have the following features incorporated into its design: • Corners, Joints and Edge Features • Inspection Hatches • Ventilation Grill
Trade Name	FR Shell
Specified Standard	Fire Tests utilising the UL 1709:2017, "UL Standard for Safety Rapid Rise Fire Tests of Protection Materials for Structural Steel" Rapid Rise Hydrocarbon Time / Temperature Curve

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.

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Keith Taylor

Team Lead Fire & Safety to Lloyd's Register EMEA
A member of the Lloyd's Register group

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