Certificate No: LR26189446TA
Issue Date: 29/04/2026
Expiry Date: 15/09/2031

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

Manufacturer	**Apollo Fire Detectors Ltd**
Address	36 Brookside Road, Havant, PO9 1JR, United Kingdom
Type	Smoke Detection and Alarm System
Description	55000-640 Intrinsically Safe Photoelectric Smoke Detector
Trade Name	XP95 IS Series Detectors
Application	Marine and Offshore use in environmental categories ENV1, ENV2, ENV3 and ENV4 as defined in LR Type Approval System Test Specification No.1:2021
Specified Standard	EN54-5:2017 + A1:2018 EN54-7:2018 IEC 60079-0:2017 IEC 60079-11:2023
Ratings	• Fixed installation • IP20 • - 20° C < Ta < +60° C
Additional Tests	Hazardous areas: Ex ia IIC T4 / T5 Ga (-20°C ≤ Ta ≤ +60°C) Ex ia IIIC T135°C Da (-20°C ≤ Ta ≤ +60°C)

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Ashwinikumar Mhamal

Electrical & Control Technical Manager - Africa, Middle East & India, Lead Specialist to Lloyd's Register Marine and Offshore India

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Other Conditions

1. An LR Type Approved Safety Barrier must be placed between the unit and the control and indicating equipment.
2. An APOLLO single channel protocol translator (55000-855) or dual channel protocol translator (55000-856) must be inserted between the safety barrier and the control and indicating equipment.
3.The enclosure and junction box or connector body may constitute a potential electrostatic ignition risk and must not be rubbed or cleaned with a dry cloth.
4. Type Approval does not eliminate the need (as required by LR Rules) the requirements for further review or for the product to be further inspected and/ or surveyed to be installed in ships classed or intended to be classed with LR
5. If the specified standards are amended during the validity of this certificate, the product is to be reapproved prior to it being supplied to vessels to which the amended standards apply.

This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register Marine and Offshore India LLP of any modification or changes to the equipment in order to obtain a valid Certificate.

Previous Version: LR21354105TA-03

The Design Appraisal Document TSO-26-056519-E-01 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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