# CERTIFICATE NO FS/71/220/24/1546



ZERTIFIKAT NR.:

**LICENCE HOLDER**
*GENEHMIGUNGSINHABER*

Lihong Safety Equipment Engineering (Shanghai) Co., Ltd.
Room E and F, 26th Floor, No. 828-838 Zhangyang Road, Pilot Free Trade Zone, Pudong, Shanghai,

**MANUFACTURING PLANT**
*FERTIGUNGSSTÄTTE*

Refer to reports V2N50001, V2N50002, V2N50003,

**PROJECT NO/-ID**
*PROJEKT-NR/-ID*

V2N5

**LICENSED TEST MARK**
*GENEHMIGTES PRÜFZEICHEN*

SGS TÜV SAAR FUNKTIONALE SICHERHEIT GEPRÜFT FUNCTIONAL SAFETY APPROVED

**Technical REPORT NO.**
*TECHNISCHER BERICHT NR.*

V2N50001, V2N50002, V2N50003,

**Tested according to**
*Geprüft nach*

IEC 61508:2010, IEC 62061:2021, ISO 13849-1:2023, IEC 61496-1:2020, IEC 61496-2:2020

**Certified product(s)**
*Zertifizierte(s) Produkt(e)*

Safety Light Curtain

**Model(s)**
*Modell(e)*

LSMT series (See the second page for the detail model)

**Technical Data and Parameter**
*Technische Daten und Parameter*

The products fulfil the requirements of functional safety acc. to IEC 61508, IEC 62061 in accordance with SIL 3, HFT=1 and ISO 13849-1:2023 PL e, Cat. 4.
Type 4 requirements approved acc. to IEC 61496-1:2020, IEC 61496-2:2020 report No. IN-QD-5805-TF240316.

**Specific Requirements**
*Spezifische Anforderungen*

This certificate confirms the achievement of the requirements based on the following proof:
Proof that processes and methods are established at the manufacturer guaranteeing that unexceptionable processes in terms of design, production, validation, and quality management comply with the safety-related standards (refer to reports V2N50001, V2N50002,V2N50003)

Munich, 2024-10-09

Robert Sammer

**Certification Body for Functional Safety SGS-TÜV Saar GmbH**
*Zertifizierungsstelle für Funktionale Sicherheit*

The test mark regulation is an integral part of this certificate.
*Die Prüf- und Zertifizierordnung ist integraler Bestandteil des Zertifikates.*

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