



ACCREDITATION CERTIFICATE

LB-TEST-250

Emirates International Accreditation Centre

has accredited

EMIRATES SAFETY LABORATORY LLC

240 Al Awir Road | Warsan 3 | Mushraif | P.O. Box 231908

Dubai | United Arab Emirates

In accordance with the requirements of

ISO/IEC 17025:2017

General requirements for the competence of testing and calibration laboratories

to undertake the tests in the attached accreditation scope

This Accreditation is invalid without the attached accreditation scope and shall remain in force within the validity period printed below, subject to continuing compliance with the requirements of the accreditation criteria.

Validity: 06/12/2022 to 05/12/2025

Initial Accreditation Date: 06/12/2022



for/CHIEF EXECUTIVE OFFICER
APPROVAL



Accreditation Scope
Construction Materials (Fire) Testing
LB-TEST-250

Emirates Safety Laboratory LLC (ESL)

240 Al Awir Road | Warsan 3 | Mushraif | P.O. Box 231908

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Issue no.: 01

Date: 06-12-2022

Valid to: 05-12-2025

Type of Activity	Test Materials/Products	Test Name	Test Method
Reaction to Fire	Cables	Tests on electric and optical fiber cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame	IEC 60332-1-2 +AMD1:2015 CSV
Reaction to Fire	Cables	Tests on electric and optical fiber cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame	EN 60332-1-2 +A12:2020

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Reaction to Fire	Cables	Tests on electric and optical fiber cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable - Procedure for 1 kW pre-mixed flame	EN 60332-1-2
Reaction to Fire	Cables	Fire classification of construction products and building elements – Part 6: Classification using data from reaction to fire tests on power, control and communication cables	EN 13501-6

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Type of Activity	Test Materials/Products	Test Name	Test Method
Reaction to Fire	Cables	Tests on electric and optical fibre cables under fire conditions - Part 2-2: Test for vertical flame propagation for a single small insulated wire or cable - Procedure for diffusion flame	IEC 60332-2-2
Reaction to Fire	Cables	Tests on electric and optical fibre cables under fire conditions - Part 2-2: Test for vertical flame propagation for a single small insulated wire or cable - Procedure for diffusion flame	EN 60332-2-2

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Type of Activity	Test Materials/Products	Test Name	Test Method
Fire Detection	Heat detectors	Fire detection and fire alarm systems – Part 5: Heat detectors - Point heat detectors	EN 54-5: 2017+A1 Clauses: 5.1, 5.3, and 5.5
Fire Detection	Heat detectors	Fire detection and fire alarm systems – Part 5: Heat detectors - Point heat detectors. Additional tests required by UAE Fire and Life Safety Code of Practice	UAE Fire and Life Safety Code of Practice ed. 2018, Chapter 8, point 4.1.1. Table 8.1 item 1 clause vi) points a) and c)

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Type of Activity	Test Materials/Products	Test Name	Test Method
Fire Detection	Smoke detectors	Fire detection and fire alarm systems – Part 7: Smoke detectors - Point smoke detectors that operate using scattered light, transmitted light or ionization	EN 54-7 Clauses: 5.1, 5.3, 5.4, 5.5 and 5.7.1.2
Fire Detection	Smoke detectors	Fire detection and fire alarm systems – Part 7: Smoke detectors - Point smoke detectors that operate using scattered light, transmitted light or ionization. Additional tests required by UAE Fire and Life Safety Code of Practice	UAE Fire and Life Safety Code of Practice ed. 2018, Chapter 8, point 4.1.1. Table 8.1 item 1 clause vi) points a) and c)

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Type of Activity	Test Materials/Products	Test Name	Test Method
Reaction to Fire	Upholstered furniture	Furniture - Assessment of the ignitability of upholstered furniture - Part 1: Ignition source smouldering cigarette	EN 1021-1
Reaction to Fire	Upholstered furniture	Furniture - Assessment of the ignitability of upholstered furniture - Part 2: Ignition source match flame equivalent	EN 1021-2

Accreditation History		
Issue no.	Details	Date
01	Granted accreditation from Emirates International Accreditation Centre 'EIAC'	06-12-2022