



DUCTWORK

Information Pack -

DXB New Regulation

Commencement: Jan 2024

Testing
DXB-Specific COC

UAE Fire & Life Safety Code of Practice - 2018

Chapter 10 – Smoke Control and Smoke Management System

New Regulation Outline

All fire-rated & Pre-insulated Duct Systems intended to be sold in the Emirate of Dubai must be tested at ESL

All UAE Approved Certification Bodies will conduct their fire-rated and pre-insulated Duct Systems tests at ESL

For products intended to be sold in Dubai, ESL will prepare DXB-specific COC identifying approved system configurations and ancillary items for the client to submit to DCD for product registration

Evaluation Criteria:

- Lab is approved and listed by UAE GHQ CD
- Meeting the requirements of UAE FLS code - 2018



Required Documents

Historically Tested & Certified:

- Products/ System specification
- Technical datasheet for all components
- Sampling evidence
- Drawings
- Test reports
- Product/system certificate
- Previous COC
- Any assessment reports

Approval For New Ductwork System:

- Product/system specification
- Technical datasheet for all components
- Drawings

Steps To Be Followed:

- Client will apply for DXB-specific COC for Duct work and pre-insulated ducts
- ESL will review the submitted application along with supporting required documents—either having historical testing & certification evidence or requiring new approval
- ESL will evaluate and verify the submitted documents



Scenario 1

Tested & Certified Ductwork System – Meeting The Evaluation Criteria

- ESL will submit quotation
- Client will confirm order & make payment
- ESL will prepare DXB-specific COC & submit to client
- Client will submit for product registration with DCD

Scenario 2

Tested & Certified Ductwork System – Not Meeting The Evaluation Criteria

- ESL will submit quotation
- Client will confirm order & make payment
- Sampling by ESL or any other listed CB
- Testing at ESL lab
- Certifying by ESL or any other listed CB
- ESL will prepare DXB-specific COC & submit to client
- Client will submit for product registration with DCD

Scenario 3

Approval For New Ductwork System

- ESL will submit quotation
- Client will confirm order & make payment
- Sampling by ESL or any other listed CB
- Testing at ESL lab
- Certifying by ESL or any other listed CB
- ESL will prepare DXB-specific COC & submit to client
- Client will submit for product registration with DCD