



# Technical Evaluation Developer program

An introduction to a new  
UL Solutions service

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# Meet your speaker



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Ghaith Bakir is a senior regulatory engineer at UL Solutions specializing in regulatory support across the Middle East and Africa (MEA). Based in Dubai, he offers technical expertise in regulations, codes, standards and product installations, aiding various stakeholders such as regulatory authorities and manufacturers in code compliance.

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# Industries we serve



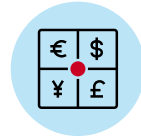
Automotive and  
mobility



Buildings and  
construction



Energy  
and utilities



Financial and  
investment services



Government  
services



Healthcare and  
life sciences



Industrial products  
and systems



Life safety  
and security



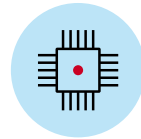
Chemicals  
and materials



Products and  
components



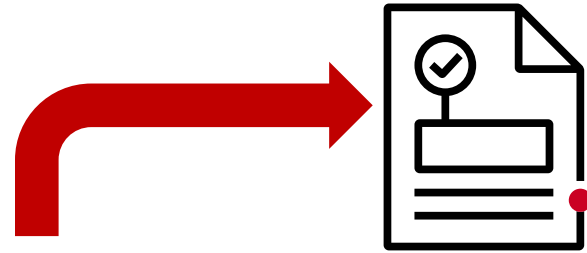
Retail



Technology and  
electronics

# Agenda

1. Overview – What is this program?
2. Origins and what's involved
3. Benefits for code authorities
4. Requirements for recognition
5. Frequently asked questions
6. Where to find more information



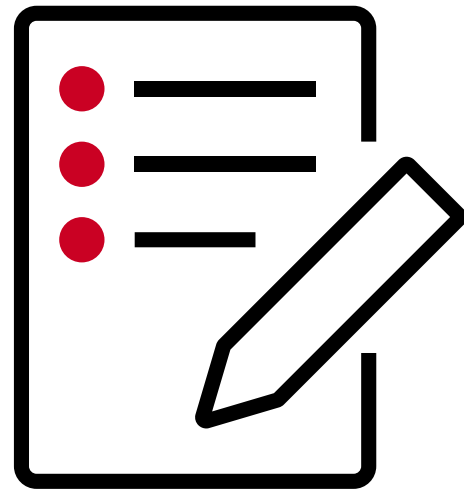
# New UL Solutions Technical Evaluation Developer program

## Overview – What is it?

- UL Solutions is offering current UL Solutions firestop customers a **management system qualification program** focused on the creation of technical evaluations.
- This **Technical Evaluation Developer Program (TEDP)** strives to improve the technical content and quality of engineering decisions for firestopping products and systems.
- TEDP is focused on UL Solutions customers who produce firestopping-type products and utilize UL Solutions for conformity assessment services.
- TEDP scope is currently limited to the following product categories:
  - perimeter fire containment,
  - firestopping,
  - Joint systems (linear joint seals)
  - Duct systems

# Why now? What's involved?

- Why now?
  - UL Solutions identified a key gap in training and quality regarding technical evaluations during meetings with industry participants.
  - Technical evaluations continue to be a necessary tool for the firestopping industry.
- What's involved?
  - Service providers successfully demonstrate technical competency through knowledge of product testing, evaluation and certification for fire containment products and systems.
  - This program provides a rigorous management system for the qualification of technical evaluation programs and includes random sampling for fire testing in accordance with UL 1479, the Standard for Fire Tests of Penetration Firestops; UL 2079, the Standard for Tests for Fire Resistance of Building Joint Systems; or ASTM E2307.
  - Participants can rely on UL Product iQ® to provide evidence of program participation and successful completion of requirements.



# Benefits for code authorities:

- The quality management program is focused on fire and life safety to support code compliance regarding passive fire protection.
- Code authorities should gain support from the increased quality of technical evaluations of fire containment products and systems, raising expectations of what the industry can provide.
- It will help improve code compliance and provide for better installation and construction practices for firestopping solutions.
- Finally, enhancing technical assessments has a clear goal: focusing on fire and life safety code compliance for improved occupant and first responder safety. As a secondary benefit, it increases the number of tested, listed firestop systems available through Product iQ.





# Requirements for customer participation

- Service providers that complete the qualification program must demonstrate:
  - Comprehensive knowledge of testing, evaluation and certification schemes for firestop systems
  - Understanding of the requirements of fire containment products and systems, how they work and why they work
- The **Technical Evaluation Developer program** increases the level of scrutiny for technical evaluations through specific requirements:
  - Personnel examinations to demonstrate knowledge and competency
  - Robust quality management scheme audits
  - Periodic laboratory testing of written evaluation concepts to provide validation of technical evaluations



# Frequently asked questions

- How can I confirm participation?

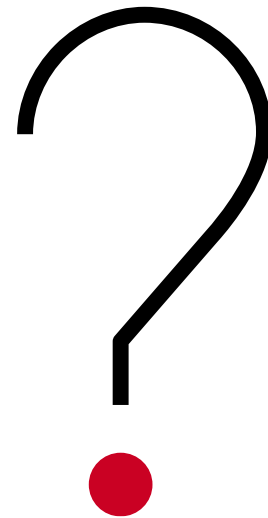
Manufacturers enrolled in this program will have their company listed in the Product iQ certification database.

- What are the selection criteria used for laboratory testing?

UL Solutions will randomly select technical evaluations for laboratory testing across different product types and firestop solutions.

- What happens if a laboratory test of a selected system fails?

The test sponsor will be given the opportunity to review the test and resubmit for a retest, provided a construction change occurs.



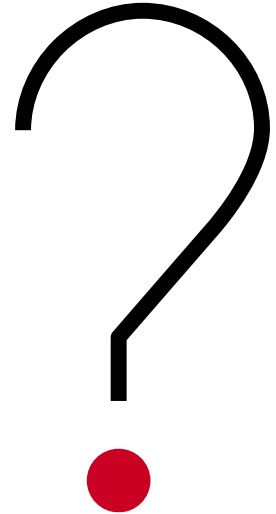
# Frequently asked questions

- Does this UL Solutions program require the evaluation to include specific information/details? If so, what is specifically required?

The UL Solutions program requirements include specific information and details to be included in each technical evaluation; examples include ratings (F, T, L, M, W), installation conditions, materials and project location.

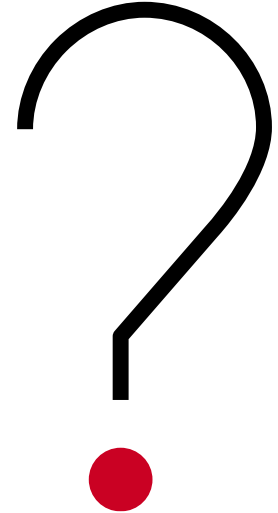
- Will UL Solutions review the technical content in a specific technical evaluation?

UL Solutions will not review the technical content in any technical evaluations. Content review is outside the scope of the program.



# Frequently asked questions

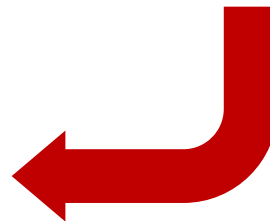
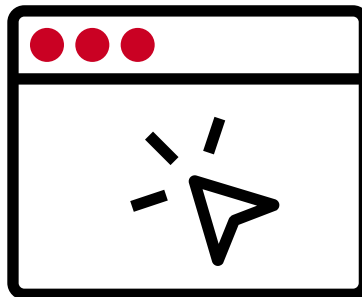
- Does UL Solutions intend to publish the results of nonconforming test results?  
The results from nonconforming tests are proprietary and will not be disseminated, published or made available.
- Can I review the program requirements for the Technical Evaluation Developer program?  
The complete program requirements are available as a download from the TEDP service page here: [Service Page and Program Requirements](#).



# Where to find more information

For further assistance:

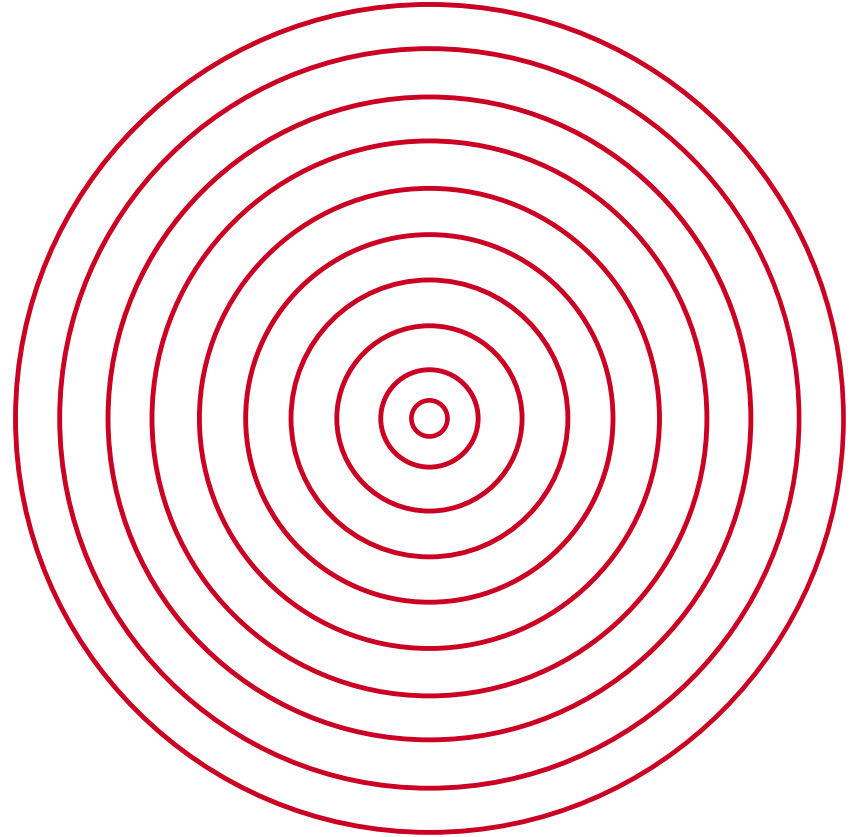
- Service page via UL.com – [Technical Evaluation Developer program](#)
- Program FAQs available at [UL.com/codeauthorities](#)
- The Code Authority® Newsletter search at [UL.com](#) (subscribe [here](#))
- Guide information is online in [UL.com/PiQ](#) – Check authorized service providers for category code number (CCN) WYGB



# Questions?

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# Thank you

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