



Customer Training and Education Programs

For Q-Lab Weathering & Corrosion Testers

Overview

Q-Lab offers a variety of different in-depth weathering and corrosion training programs for customers in nearly every country around the world. The programs are taught by an expert instructor and can be customized to suit most customer needs. Tester commissioning programs are also available.

Flexible Programs Feature:

- Hands-on operator training and/or lecture style presentations
- Customizable subject matter
- Content for all experience levels
- Full and half-day sessions
- Private sessions at your site, or mixed sessions at external locations
- A surprisingly affordable price (with all travel and expenses included)

Benefits Include:

- Ensuring your tester has the required utilities, environment, and maintenance to function reliably for years
- Learning how to utilize all of your tester's features and capabilities
- Becoming familiar with the fundamentals of weathering and corrosion
- Learning how to create an effective weathering test program to reduce costs, improve quality, or help develop new products



Smrithi Kumar, Expert Trainer

Smrithi Kumar is Q-Lab's Global Customer Education Specialist, based at the company's headquarters in Westlake, Ohio, USA. He has been with Q-Lab for over 15 years and has in-depth knowledge of all Q-Lab products and services.

Smrithi is an active member of the American Association of Textile Chemists and Colorists (AATCC) and is involved in various lightfastness committees. He has served as the Chairperson of the Weathering and Lightfastness Committee of AATCC, and is appointed as the United States delegate in ISO's lightfastness committee.

Smrithi regularly gives presentations to audiences of all levels about lightfastness, weathering, and corrosion in countries throughout the world.

Smrithi speaks several Indian languages and has a Bachelor of Science degree in Mechanical Engineering.

Choose Your Content for a Customizable Program

A wealth of modular educational content is available. Approximate hours are shown below. Mix and match content for full day (8 hours) or half day (4 hours) sessions.

Hands-On Operator Training

QUV: 1 or 2 hours, Q-SUN Xe-1, Xe-2, Xe-3: 1.5 or 3 hours, Q-FOG CCT/SSP: 1 or 2 hours, Q-FOG CRH: 1.5 or 3 hours

This class is intended to provide training in handling and use of the QUV, Q-SUN, or Q-FOG tester. This class includes a short presentation about the tester, followed by a hands-on session with the tester itself. Discussion points include how to safely handle the tester, an explanation of the components of the tester, how to set up a test, and how to perform regular calibrations and maintenance. *Note: In order to provide proper hands-on training for these testers, the tester will need to be installed prior to the visit.*



Tester Commissioning (All Models) 2 hours



Q-Lab will inspect the installation of the tester to ensure that the requirements for the tester are met. This inspection will review the conditions of the room that the tester is placed in, verify that proper utilities are provided, and that the tester is set up in a proper manner. Passing the tester commissioning will extend the warranty of a new tester by an additional year. *Note: Q-Lab cannot perform the installation of the tester and will not perform work to connect to utilities. The tester will need to be installed prior to the visit.*

Weathering 101 (Classroom Style Lecture) 1, 2, 4 or 8 hours

Q-Lab will provide basic training on the science of weathering at your location. This presentation will cover what weathering is, what factors are important to weathering, architectures used for outdoor and accelerated weathering testing, and how to put together an effective weathering program. Depending on the length of the course, it will also include case studies showing examples of effective weathering programs.



Atmospheric Corrosion 101 (Classroom Style Lecture) 1, 2, 4 or 8 hours

Q-Lab will provide basic training on the science of atmospheric corrosion. This presentation will cover what corrosion is, explain the mechanisms behind atmospheric corrosion, cover the history and development of key accelerated corrosion standards, and provide guidance on how to establish an effective accelerated corrosion testing program.

**Ready to schedule your session?
Email training@q-lab.com to get started today!**

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