

# Guardian Industries Technical Training Courses

Are you making the most of being a Guardian customer?



At Guardian we pride ourselves on offering the best possible level of service and customer support, not only to our customers but to any company regularly using Guardian products. As part of our 'best in service' support package, we offer comprehensive training courses on anything and everything to do with float glass; from thermal stress to snow and wind loads, or energy balance in building to decorative applications.

Our comprehensive training courses have been well received by customers and industry specialists alike. Our most recent training courses have been run for Senior Glass and Senior Aluminium systems, who focused on our Level 2 modules, offering training on wind and snow loads, barrier loads, safety, thermal stress, acoustics, and the visual appearance of glass. Many of our customers have taken up this opportunity to further develop the skill set of their staff, often coming on more than one occasion to take the different levels of training. Customers including Float Glass Industries, Carey Glass, Wolseley and Village Glass, to name but a few, have all invested in their staffs time to help grow their understanding and abilities in products that we all work with or sell on a daily basis.

All training takes place in our interactive training facility – the aptly named “Glass Room”, where we have touch screen presentation technology, as well as equipment to demonstrate the thermal performance of glass, the capability of our solar control products, and drop tests to demonstrate physical differences between laminated, toughened & annealed glass products. By combining the theoretical side of these topics with hands on demonstrations and explanations we consider

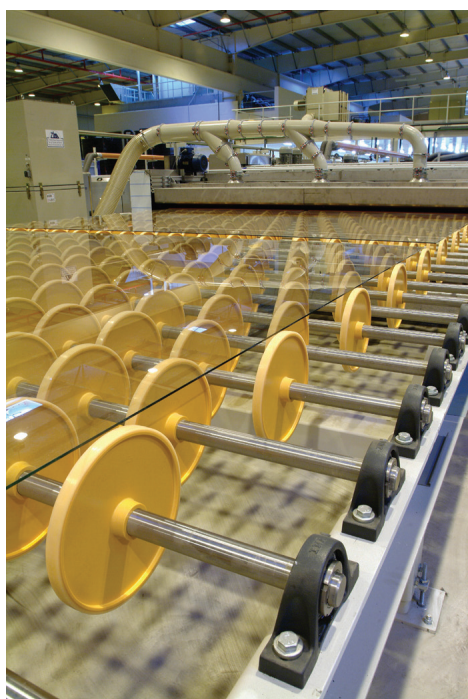
this to be some of the best and most informative training available on glass and associated products. We also have coffee and biscuits on hand to make sure that you are kept well fed and watered during all training sessions.

In conjunction with our training we offer tours of our float glass plant and our laminating glass facility. The float glass plant represents an investment of over one hundred million pounds, and gives you a view into not only the production of clear float glass, but also a detailed understanding of the processes involved in float glass production and the logistical challenge of running a manufacturing facility which produces glass without interruption, 24 hours a day, 7 days a week, 365 days a year. Seeing the float glass process first hand provides an amazing opportunity to understand the process of making float glass. From the extremities of working in the hot end in ambient conditions above 40°C, and the extreme nature of on-line repair and improvements work, where hot end technicians at times work in temperatures so high that five minutes work requires a one hour lay off. Taking a walk down the mile long plant gives you not only the opportunity to appreciate

the size and scale of float glass production, but also the vast cooling process undertaken to ensure the right tensile stresses are set into the glass before it is delivered, ready to be cut and manufactured.

This combination training ensures that both you and your staff are left with an experience that guarantees a healthier understanding of float glass and everything that relates to it.

So if you are a Guardian customer, or you are using Guardian glass products in your day to day business purchased through a Guardian customer, why not investigate the opportunity of providing training for you and your staff by emailing us at [uktraining@guardian.com](mailto:uktraining@guardian.com)



## Courses Available:

### Level 1: Introduction

- L1 M1 Glass in Buildings
- L1 M2 Coated Glass in Building
- L1 M3 Glass Processing
- L1 M4 Decorative Glass Processing
- L1 M5 Insulating Glass Units
- L1 M6 Glass Spandrels
- L1 M7 Performance of Glass in Buildings

### Level 2

- L2 M1 Energy and Glass in Buildings
- L2 M2 Wind & Snow Loads for Glass in Buildings
- L2 M3 Glass Barriers in Buildings
- L2 M4 Introduction to Glass & Acoustics in Buildings
- L2 M5 Thermal Stress for Glass in Buildings
- L2 M6 The Visual Appearance of Glass in Buildings
- L2 M7 Safety and Security Glass in Buildings
- L2 M8 Window Energy Ratings and Complying with Building Regulation Document L

**Plant Tours also available - Float Glass and Laminated Glass production**

