

# Float glass melting and forming

## Advanced training

duration  
4 days

date  
November 2 - 5

location  
Online or Eindhoven,  
The Netherlands

The training is dedicated to everyone in float glass production who needs a high-level understanding of the melting and forming processes as well as the related defects. The course will give an overview of what the best practices are and the theory behind them.

### Contents

- Float glass properties
- Raw materials and batch preparation
- Melting, fining and homogenization
- Combustion and emissions
- Furnace operation
- Energy consumption
- Interactive session on some float glass melting parameters
- Furnace operation and defects
- Float glass forming best practices
- Float batch chemistry and optimization
- Float bath related defects

### Training methods

We offer a blended learning approach by mixing e-learning, lectures, open discussions, exercises, and case studies in teams or individually. The number of participants per course is between 8 and 20 to maximize your learning experience. Participants always receive the presentations and a training certificate.

### Level of seniority

This training is meant for advanced beginners to skilled professionals willing to deepen their knowledge and understand the topic in detail.

### Investment

Training costs € 2.550,- per participant. This is the equivalent of 5 tons of glass. Price excludes tax and duties.

The 6th participant from the same company can join for free.

### After the training

- You will have an understanding of relevant float glass properties and their importance in the melting and forming process
- You will understand the melting characteristics inside the furnace and the link with good dissolution of particles and fining
- You will have knowledge of combustion parameters and the link with glass quality, furnace lifetime, energy consumption, and emissions of your process
- You will have knowledge of the float glass forming process and the most important parameters
- You will have knowledge of the float bath chemistry and how it correlates with float bath defects.

Cancellation fees apply. 1 week before training 50%; no show, full price. In case of an unexpected event, we are happy to look for rescheduling or voucher options. CelSian reserves the right to cancel up to two weeks prior to the training, proposing new dates or refunds. Are you registering as a group? You are entitled to a 15% discount on all courses: for 5 registrations, the 6th participant can join for free.