

Flat glass melting and forming

Introductory training

duration
2 days

date
4 – 5 November 2021

location
Eindhoven, The Netherlands

The training is dedicated to everyone in flat glass production who needs a high-level understanding of the melting and forming processes of flat glass.

A general overview will be given of the main characteristics of flat glass production focusing on the melting and forming operation, with the defects related to these processes also described.

Contents

- Flat glass properties
- Melting, fining and homogenization
- Combustion and emissions
- Furnace operation
- Interactive session on some flat glass melting parameters
- Furnace operation and defects
- Float glass forming basics
- Float bath chemistry
- 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 10 and 25 to maximize your learning experience. Participants always receive the presentations and a training certificate.

Level of seniority

This training is meant for novice to advanced beginners who would like to improve their understanding and apply the knowledge during practical cases.

Investment

Training costs € 1,950 per participant, € 1,800 for each extra participant per company. Price includes 2 lunches and 1 dinner. It excludes accommodation, travelling, tax and duties.

After the training

- You will have an understanding of relevant flat 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 some combustion parameters and the link with glass quality, furnace lifetime and emissions of your process.
- You will have knowledge of the float glass forming process and main important parameters including how the bath chemistry correlates with defects.

We do our best to ensure that the events take place. However, CelSian reserves the right to cancel up to two weeks prior to the training, proposing new dates or refunds. Cancellation fees apply from 4 weeks before the event: more than 4 weeks before training free of charge, less than 1 week before training 50%; otherwise full price. In case of an unexpected event, we are happy to look for a voucher solution for future courses.



We welcome your questions by e-mail: academy@celsian.nl Register on www.celsian.nl

Online access to this training can be offered and the training may be fully given online.