



Fining, redox & glass quality

Part of
CelSian expert training sessions

**Etrop Grange Hotel
Manchester airport (UK)
13-14 March, 2019**



Introduction & Summary

CelSian is organizing a 2-day expert training session on Fining, redox & glass quality. This training course is scheduled for March 13 - 14 (2019) in Manchester in the (UK). The target group of this training includes employees from batch & furnace departments and R&D groups of glass producing companies and suppliers to the glass industry. All presentations will be formatted in PowerPoint, and will be in the English language.

This expert training session is being offered for €1950 per participant. The costs for each additional company participant are €1800. These costs include lunches, drinks during the breaks, and one dinner invitation. The costs exclude any taxes/duties. Attendees are responsible for their hotel accommodation and travel costs.

Cancellation fee:

- Before February 1, 2019 free of charge
- February 1 – 28, 2019 50% of the registration fee will be charged
- March 1 – 10, 2019 75% of the registration fee will be charged.
- No show: full registration fee will be charged.

Target group

The target group of this training includes employees from batch & furnace departments and R&D groups of glass producing companies and suppliers to the glass industry.

All the participants will receive

- A 2-day expert training course 'Fining, redox and glass quality'
- The Power Point presentations (pdf formatted presentations)
- Lunches & classroom access
- 1x Dinner

Location of the expert training session:

Etrop Grange Hotel
Thorley Lane, Manchester Airport M90 4EG
Phone: +44 161 499 0500
<http://etropgrangehotel.com/>

Registration is open (*online registration only*)

Click [here](#) for the online registration

The number of places available is limited to 25. The minimum number of participants is 10.

Preliminary Program
Fining, redox & glass quality expert training session
13– 14 March, 2019

Preliminary Program

Wednesday, 13 March 2019

- Welcome & Introduction
- What is redox and how to characterize redox?
- Redox and glass colour
- Redox and radiative heat transfer in the glass melt
- Fining & foaming of glass melts
- Interactive session and exercises

Evening: Dinner (invited by CelSian Glass & Solar)

Thursday, 14 March 2019

- Redox control and glass recycling
- Foam control in oxy-fired glass furnaces
- Defects in glass
- Interactive session and exercises