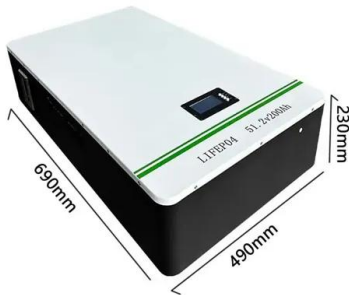


European Solar Energy Storage

Celsian glass



Celsian glass



GLASS MELTING TECHNOLOGIES (INTRODUCTORY TRAINING)

She joined CelSian as a glass scientist and trainer in 2019. Oscar Verheijen. Oscar Verheijen obtained his PhD from Eindhoven Technical University before joining TNO as a R& D project manager and business development manager of sustainable technologies. He is now R& D and training team leader at CelSian, Board member of the GlassTrend, member of



Glass quality assessment

Glass quality assessment The glass industry worldwide is optimized in such a way that every unit, bottle or surface of glass produced counts. This is a low margin, high volume business, in which glass defects can destroy profitability ...



CelSian wins grant for AI-driven glass research project

CelSian Glass & Solar will collaborate on this research with Ignition Computing, a company that specialises in complex numerical solvers for fusion energy and multiphysics problems. The project's goal is the ...

Meet our trainer Scott Cooper

After graduation, he began as a scientist at O-I, the world's largest manufacturer of glass containers. His work at O-I focused on novel approaches to melting and manufacturing glass, for which he earned 13 US patents. From May 1st, 2023, Scott Cooper has taken on the role of Technical Director for the USA at CelSian.



IMI-NFG Course on Processing in Glass

IMI-NFG Course on Processing of Glass - Lecture 2: Industrial glass melting and fining processes
 mathieu.hubert@celsian 15 Sand dissolution o Pure silica melts at very high temperature (> 1700°C) o In standard glasses (except e.g. pure silica glass) sand is incorporated in the glass melt by dissolution, and not by melting



CelSian's Glass Furnace Simulations on Pointwise Grids Celebrate ...

CelSian introduced a simulation software for glass furnace simulations, named GTM-X, similar to the software used for weather forecasts or those used in the automotive and airplane industries. The software is equipped with dedicated models that allow it to accurately simulate the phenomena inside a glass furnace. Data from laboratory experiments and many years of field ...



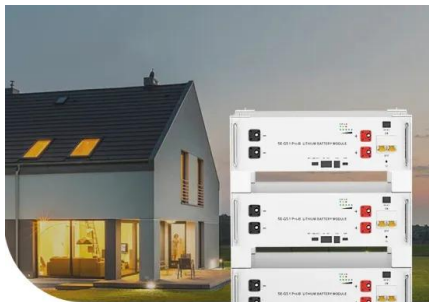
HEAT TRANSFER IN GLASS MELTING FURNACES (ADVANCED TRAINING



With more than 16 years of practical glass making experience, he joined Celsian in 2021 to work as a project manager and trainer. Oscar Verheijen He is now R& D and training team leader at CelSian, Board member of the GlassTrend, member of the steering committee of the Dutch Glass Industry (NCNG) and represents the NCNG at European level.

GLASS MELTING & PROCESS IMPROVEMENT COURSE FOR INDIAN GLASS

Here, the challenges are plenty, so let's focus & deep dive into "Glass Melting & Process Improvement" to guide into a sustainable and cost effective glass melting process. This training is intended for experienced glass experts (> 5 years of experience) willing to deepen their understanding on specific topics.



**Low Voltage
Lithium Battery**

6000+ Cycle Life

CelSian wins grant for AI-driven glass research project

CelSian Glass & Solar has been awarded an MIT Grant for a collaborative research project on using Artificial Intelligence (AI) to enhance the efficiency of glass production. The 'Quality prediction and simulation ...

Glass melting technologies Introductory training

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 CelSian Glass & Solar B.V. , Achtseweg Zuid 241-A , 5651 GW Eindhoven, The Netherlands T

+31 40 249 0100 , E infodesk@celsian ,
Registered 543.06272 , VAT NL 8512.51.109.B01



CelSian

CelSian , 1.630 volgers op LinkedIn. Your partner for future-proof glass. Follow #lifeatcelsian to know more about our company culture! , We provide know-how for worldwide glass manufacturers to improve their process efficiency. Our proprietary software models are used by our customers to optimize their glass melting processes. Minimizing costs for end users and the environment.

GENERAL GLASS TECHNOLOGY TRAINING

The course contains a global overview of key glass making technologies. At the end of the training, you will have a clear view of the industrial glass production and plenty of ideas to optimize your process. This comprehensive course was developed in cooperation with the Dutch glass industry national committee (NCNG).



Careers , CelSian

Interested in joining an international growing team of glass scientists and CFD engineers? Feel free to call us at +31 40 249 0102 or simply send your resume and a cover letter to infodesk@celsian . We look forward to hearing from you!



HEAT TRANSFER IN GLASS MELTING FURNACES (ADVANCED TRAINING)

With more than 16 years of practical glass making experience, he joined Celsian in 2021 to work as a project manager and trainer. Oscar Verheijen He is now R& D and training team leader at CelSian, Board member of the GlassTrend, member of the steering committee of the Dutch Glass Industry (NCNG) and represents the NCNG at European level.



GENERAL GLASS TECHNOLOGY (AMERICAN JUNE EDITION)

This course contains a global overview of key glass technologies from raw materials to the glass forming process. Perfect for newcomers in the glass industry but also more experienced glass professionals in search of a knowledge refresh. From May 1st, 2023, Scott Cooper has taken on the role of Technical Director for the USA at CelSian

GENERAL GLASS TECHNOLOGY (EUROPEAN AUTUMN EDITION)

With more than 16 years of practical glass

making experience, he joined Celsian in 2021 to work as a project manager and trainer. Johan Lotter. Johan Lotter obtained a master's degree in chemical engineering from the University of the Witwatersrand. He worked at PFG building glass as a furnace engineer, technical expert, and manager of the



GLASS MELTING TECHNOLOGIES (INTRODUCTORY TRAINING)

With more than 16 years of practical glass making experience, he joined Celsian in 2021 to work as a project manager and trainer. Neil Simpson He developed burners for the glass industry with Laidlaw Drew and BOC, was a glass industry specialist at Eclipse and became an independent consultant in 2014.

Why CelSian

Through GMIC, CelSian accesses manufacturing glass expertise, shapes industry standards, and participates in industry advocacy. This collaboration fosters the spread of sustainable manufacturing practices and develops the glass industry workforce for the future. Participation in GMIC aligns CelSian's solutions with the most pressing



GLASS COLORATION, DECOLORATION AND COLOR TRANSITION ...

He worked for 8 years as a Glass Science engineer at OI for different plants in South



America, supporting them in color changes, glass quality issues, furnace and batch house ramp-ups, raw materials standardization and implementation of new ones. He joined Celsian as a Project leader acting as a supporter and technical advisor.

Glasstrend , Glass Technology Research & New ...

The GlassTrend organisation is a consortium of worldwide operating industries and institutes working in the field of glass and glass production.



ELECTRIC MELTING OF GLASS (INTRODUCTORY TRAINING

With more than 16 years of practical glass making experience, he joined Celsian in 2021 to work as a project manager and trainer. Christian Räßiger He joined the technology department of Sorg for 8 years where he designed, modeled, and optimized multiple glass furnaces to improve the energy demand and production quality.

REDOX, FINING AND GLASS QUALITY (ADVANCED ...

He worked for 8 years as a Glass Science engineer at OI for different plants in South America, supporting them in color changes, glass quality issues, furnace and batch house ramp-ups, raw materials standardization and implementation ...



Preparation of monoclinic celsian glass-ceramic by a solid-state

The complete monolithic celsian glass-ceramic could be fabricated at 1350 °C with 1.5 h, which is a low temperature and a very short time compared with the present fabrication method, due to the presence of SrAl₂O₄. And the prepared monolithic celsian glass-ceramic has an excellent phase stability in spite of the environment



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GENERAL GLASS TECHNOLOGY (AMERICAN JUNE ...

With over 20 published patent applications, Neil is a Chartered Engineer and Fellow of the Society of Glass Technology. He became a CelSian registered trainer in 2015 and has organized

multiple UK-based courses since ...



Preparation of monoclinic celsian glass-ceramic by a solid-state

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Glasstrend , Glass Technology Research & New Developments

The GlassTrend organisation is a consortium of worldwide operating industries and institutes working in the field of glass and glass production.

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<https://bialydom.kolobrzeg.pl>