

CelSian job description: CFD engineer

General:

As CFD engineer at CelSian you are responsible for execution of various model studies for our customers. We have two different software packages, one for energy reduction (EBM) and the other package is a full CFD application (GTM-X). Both are developed in house. We expect you to become familiar with both software packages and execute simulation projects in close cooperation with your colleagues in our modelling group as well as our customers. At CelSian we strive to be the best partner for optimization of glass production worldwide. We lead R&D themes and topics in the industry through our GlassTrend network and have set the standard in modelling and simulation of glass furnaces.

Key tasks:

- Set up grid files
- Run variation studies
- Analyze and report results
- Make project planning and reserve resources to ensure project execution in time
- Provide technical expertise in problem resolution, cost reduction, and quality improvement
- Provide effective design solutions to optimize product functionality, reliability and stability
- Provide accurate and detailed reports of modelling results
- Steer the project by continuously checking the progress versus what was agreed with the customer (KPIs): on time, right quality, within budget
- Ensure (internal) customer satisfaction: overall satisfaction and for your particular project
- Prepare for and participate in project review meetings with operations manager
- Initiate (internal) ideas to improve margin/efficiency for your project

Requirements:

- Master in engineering (physics, chemical process or similar)
- Minimum 3 years relevant work experience in software simulation
- Precise, strong 3-D apprehension
- Team worker
- Strong in project management and computer skills

CelSian offers:

- An equal opportunity place to work, and with our global customer base we're proud to celebrate differences between our team members and affiliated partners
- Intellectual and inspiring work environment, ambitious team
- Excellent benefits including 32 holidays and top-notch pension arrangement
- All-you-can-eat-lunch

Curious to learn more?

- Please send your CV and motivation to harmen.kielstra@celsian.nl or call Harmen Kielstra for more information (+31 40 249 0102)