



SEABOROUGH

Seaborough Research B.V.
Cruquiusweg 111-C
1019 AG Amsterdam
The Netherlands
+31 (0)20 261 00 86
seaborough.com

CHEMICAL LAB TECHNICIAN
MATERIALS DEPARTMENT
(Amsterdam/Utrecht)

SEABOROUGH

Working for the Seaborough organization, a Dutch clean-tech scale-up of about 20 people strong with a dynamic, informal and respectful working environment, means having the potential to positively contribute to revolutionize the lighting industry by inventing and developing proprietary technologies, commercializing those by patenting and licensing, and turn those into applications and products together with partners. More specifically, Seaborough targets to create maximum value out of intellectual property in the areas of (1) breakthrough LED lamp concepts which are fully compatible with the existing infrastructure and (2) ground-breaking photonic materials for LEDs or LED lamps. Seaborough teams up with best-in-class external experts around the world to achieve above goals. Seaborough is located in Amsterdam, The Netherlands, a city recognized to be one of Europe's hotspots when it comes to a fruitful start-up business environment. Seaborough started in 2013 and is backed by the Dutch private equity firm Momentum Capital, which focuses on Cleantech companies that have the potential to challenge the existing and set the new standard in their respective areas of business and thus positively contribute to the world's climate goals set by the Paris agreement.

Job description:

Seaborough is looking for a lab technician with a chemical background and good practical skills and experience in the chemical lab to strengthen the Materials Department. Main responsibilities are to prepare luminescent material samples and do basic material characterizations. The materials of interest are inorganic, but candidates with knowledge about organic chemistry and an interest in gaining skills in inorganic material preparation could also apply. Although Seaborough is located in Amsterdam, the position will be based primarily in Utrecht, working alongside Seaborough team members and partners at Utrecht University. For this this reason it is especially important that the candidate can work independently in the chemical lab, since daily supervision is not always possible. The position will be based on a 1-year contract. The successful candidate will be responsible for the following tasks:

Key responsibilities:

- Sample preparation; including integration of different materials from external suppliers (e.g. washing, dispersing, mixing, drying and combinations thereof)
- Synthesis of luminescent (rare-earth doped) materials
- Materials characterization of singular, mixed and hetero materials including SEM/TEM, XRD, DLS etc.

- Interface with external partners, located both inside and outside NL, with regards to procuring and characterizing luminescent materials
- General administrative tasks (staff meetings, regular reporting to project manager etc.)

Must have qualifications:

- Bachelor in Chemistry, Materials Science, “HLO Chemie”, or related
- Practical experience (3 – 5 years) and skilled in the chemical lab, able to work independently, e.g. without daily supervision on specified tasks
- Preferable experience in inorganic (luminescent) material synthesis and characterization
- Fluent in English.
- Fits in a start-up working environment
- Shows respect towards colleagues and business partners at all times

Interested?

Please send your motivation with resume to Seaborough Research B.V, Cruquiusweg 111-C, 1019 AG Amsterdam, apply via mail is possible; info@seaborough.com.

Questions about the vacancy, please call our telephone number +31 (0)20 261 00 86 and ask for Marie Anne van de Haar (Project leader).