



# Ink and Coating Specialist

Germany

going the extra mile



## Dinex GROUP

The Dinex Group is a leading global manufacturer and distributor of innovative engineered gas and diesel exhaust aftertreatment emission solutions for the heavy duty truck, construction & agricultural vehicle industry.

Every day our products and technologies clean the exhaust gas from millions of vehicles worldwide in compliance with the most stringent emission legislations, such as EURO VI and EPA10, and with solutions in place for carbon-neutral fuels and Power-to-X applications, Dinex is a part of a green, climate-neutral future for next generations.

The Dinex Group, headquartered in Denmark, operates through 20 companies and 2,000 dedicated people worldwide. Dinex is present in 16 different countries, 4 regions, with 6 global tech centers and facilities in Denmark, USA, India, China, Russia, Turkey, UK, Finland, Germany and Latvia. Additionally, Dinex has sales and distribution companies in Spain, Italy, France, Germany, UK, Poland and Serbia.

## Key figures

**2,000** employees

**7** production sites

**3** Technology Centres

**16** countries on **4** continents

**+10%** Graduate recruitments annually

## Ink and Coating Specialist at Dinex Group

Dinex Group, a leading supplier of exhaust and emission systems, is looking for a skilled and committed person to join our Fuel cell team. This position offers a unique opportunity to work closely with our engineering and research teams on ink development and coating for energy conversion: design, analysis, build-up and optimization of coating equipment.

Position will report to CCM-Fuel cell R&D lead in Dinex's Germany and will work at our location in Bayreuth, Germany.

## CCM-Fuel cell team at Dinex

CCM-Fuel cell in Dinex is a fast-growing R&D team which covers catalyst, ink development, coating of CCMs and fuel cell testing, for heavy duty applications.

## Qualifications

At Dinex, we promote diversity and inclusion, and we focus only on the qualifications below when we review applications:

- Experience in working with catalyst coating devices like doctor blade, ink jet printing, spray coater, slot-die coater, etc. including catalyst ink preparation
- Master's degree in Materials Science or Process Engineering or Electrochemical engineering. Ph.D degree is an added advantage.
- Excellent problem-solving skills and attention to detail and enthusiasm for hands-on work in a research and development setting

- Effective communication skills and the ability to work in a collaborative team environment.
- Fluent in oral and written English, Basic German

## Roles & Responsibilities

- Development of catalyst ink and characterization
- Application of catalyst layers using various coating techniques to produce catalyst coated membrane and electrodes
- Development of coating techniques together with other researchers and test engineers
- Development trials at external partners & equipment manufacturers
- Transfer development into a scale up unit – build up pre-pilot line / extend to pilot line
- Generate detailed reports and documentation of results and findings.
- Responsible for the proper functioning of the coating equipment and maintenance

## Career Perspectives

For the right applicant we offer a challenging and rewarding research and development position, which will put your skills to the test. Additionally, growth in competencies, personality, and a career opportunity nationally as well as globally.

With the right attitude, potential and willingness, you will experience Dinex as a company with strong values and high professionalism. Last but not least, we see an attractive future ahead of us, and you will be part of a company that is at the forefront of the sustainability agenda.

## Interested?

*We are looking for someone who can join us as soon as possible, so please apply soon! In case you have any questions, feel free to contact Dr. Rameshwori L. Jalan, CCM Development, at [jar@dinex.de](mailto:jar@dinex.de) or +491602937725.*