

Chemical process Engineer: Reactor Engineer – Ref: GENREAC

Company

Hysilabs has developed a liquid hydrogen carrier HydroSil, stable and safe at ambient temperature and atmospheric pressure. This breakthrough in the energy sector takes advantage of the remarkable properties of hydrogen without the usual drawbacks inherent to its storage and transportation. This innovative liquid state allows to use similar logistics as conventional fuels. By employing renewable resources for its production, this solution enhances the deployment of considerably more environmentally friendly solutions compared to fossil fuels. Our ambition is to gather motivated and passionate people around this multi-awarded project in order to achieve new development steps together.

Mission

You will integrate the technical development team within a 10 collaborators start-up and actively contribute to the success of the projects. Your role is to take part in the development of an innovative production technology in the company, participate in the protection of the invention and be a driving force in future technical developments.

Your main missions will be to:

- Design new parts or new overall reactors
- Outsourcing parts manufacturing
- Assemble and validate new reactors or improvements

Profile

- You hold an engineering degree (from university master or engineering school)
- You have significant background in: chemical reactor design, dimensioning, pressure reactors, solid/gas dispersion devices, liquid/gas dispersion devices, or ATEX systems
- You have appetite for designing and building mechanical devices
- Optionally you have Computational Fluid Dynamics skills
- You are persistent when confronted to technical issues
- You have good technical writing skills in English (patent manuscript, technical reports, etc.)
- You feel prone to operate a reactor and perform chemical reactions
- You are autonomous and proactive
- You are rigorous regarding everyday work safety and confidential material

Offer

- Open-ended contract
- Position to be filled as soon as possible
- Gross annual salary: from 35k€ - depending on profile
- Position based in Aix-en-Provence (France) on the Technopôle de l'Environnement de l'Arbois. The site is located in full-nature, easily accessible by public transportation.

Process of application

Send your resume and covering letter (English or French) as PDF attachment via email to recruitment@hysilabs.com. Please include this reference to the subject of your email: [GENREAC]_