

What will you do

- Act as a **senior process engineer** in the development, realisation and optimisation of the Qpinch heat transformer. This means you will design and implement the most economical processes in terms of safety, energy efficiency, environment and profitability
- Develop, review and approve process flow diagrams, heat and material balances by using Aspen Plus simulation software
- Do the thermal design of reactors and heat exchanges
- Lead the set-up of P&ID's, datasheets, process descriptions and all other process related deliverables as part of a multidisciplinary project team.
- Act as consultant concerning process issues for our clients in various industries.
- Translate the customer's wishes into a concept and support the sales department in developing technical proposals and dimensioning installations
- Set-up risks analyses and/or participate in safety studies (HAZOP)
- Provide guidance and leadership over younger process engineers and ensure knowledge building across the engineering team

What you will need

- You have a master of science in chemical engineering, with focus on process technology
- You have experience with the design and/or operation of process installations, preferably in various project phases of large petrochemical projects
- You are highly driven to explore different ways to solve problems, resulting in new and original solutions
- You have a strong ambition and responsibility to globally rollout the Qpinch technology
- You are passionate to train a team of young and strong engineers
- You have very strong project management skills
- 'Eager to learn' is your preferred mindset
- You have very good knowledge of:
 - Aspen simulation software (Aspen Plus and EDR)
 - Thermo dynamics
- You are customer oriented
- You are a real team player as part of a multidisciplinary team
- You are able to work in Dutch and English.

If you have the curiosity, passion and collaborative spirit, work with us to help major companies realize important savings while making a dent in global greenhouse gas emissions.

Let's move the world forward, together.