

Process Engineer with Data Science Experience

Description

Company Description

Zurich-based green-tech company Hitachi Zosen Inova (HZI) is a global leader in solutions for energy transition and circular economy including Waste to Energy and Renewable Gas (RG), operating as part of the Hitachi Zosen Corporation Group.

HZI acts as a project developer, technology supplier and engineering, procurement and construction (EPC) contractor delivering complete turnkey plants and system solutions for thermal and biological waste recovery. Its solutions are based on efficient and environmentally sound technologies, are thoroughly tested, and can be flexibly adapted to customer requirements.

HZI's Service Solutions Group combines its own research and development with comprehensive manufacturing and erection capabilities to provide support throughout a plant's entire plant cycle.

HZI works for customers ranging from established waste management companies to up-and-coming partners in new markets. Its innovative and reliable solutions have been part of more than 1,600 reference projects worldwide.

www.hz-inova.com

Job Description

We are looking for an Engineer who enjoys programming, has a flair for data analysis and has a "customer first, can-do" attitude

Your responsibilities will be:

- Ensuring the long-term economical operation of HZI plants by means of data analysis and specific plant knowledge,
- Comparison with design, as well as compliance with guaranteed values,
- Define, implement, and monitor corrective actions and their reporting,
- Development of detailed root cause and trend analyses,
- Creation of analysis tools and algorithms,
- Optimization of, among other things, operating times, as well as energy and operating resource consumption of plants,
- Ensuring data quality in in-house tools for new and existing plants,
- Close cooperation and exchange of experience with other departments,
- Submission of suggestions for improvement for future projects,
- Manage automatic standard reports in in-house tools,
- Create fleet analyses and comparisons and derive solutions and mitigation measures,
- Is aware of the HSE requirements relevant to the function, implements them and complies with them,
- **Willingness to travel (10-20%)**

Qualifications

Hiring organization

Candidate-1st

Employment Type

Full-time

Beginning of employment

asap

Job Location

Köln, Germany

Working Hours

40

Base Salary

euro EUR 47K - 88K *

Date posted

May 22, 2024

Job-specific qualification

- MSc Eng., preferably in mechanical engineering, process engineering or chemical engineering,
- **Several years of process experience in large-scale plant construction or operation for waste incineration or dry anaerobic digestion,**
- Works in an interdisciplinary manner,
- Analytical thinking and enjoyment of technical problems as well as their solution,
- Convinces others even in controversial discussions,
- Based on experience, can identify the possible solution in each case, adapt it to the situation and execute it,
- Brings experience in using best practices to identify complex problems,
- Can carry out tasks independently with the help of guidelines, procedures, and regulations,
- Independent way of working / practitioner,
- Close collaboration in cross-functional and cross-departmental teams

Methodological competence

- Very good communication skills in German and English, other languages are an advantage,
- Analytical thinking and enjoyment developing and implementing solutions to technical problems,
- Very good knowledge of MS Office
- User knowledge of CAE tools (Comos etc.) and database administration,
- High quality awareness, entrepreneurial and networked thinking and acting,
- **User knowledge of Python or R as well as Power BI or Tableau, Flux and SQL is an advantage,**
- "Continuous Learning" and "Digitalisation" mindset,
- Good knowledge of functional diagrams and descriptions

Additional Information

Employee perks, benefits

- Employment contract for an indefinite period
- Annual bonus (based on company results)
- Financial reward for working anniversaries
- Flexible working time (core time 9-3:30)
- Mobil working policy and travel allowance
- Modern infrastructure
- Recreation allowance
- Support for professional and career growth, education and training
- Supportive and team-oriented working environment
- Eligibility for benefits is subject to internal work rules

For HR agencies: Please note that we do not accept applications coming from agencies. Thank you.

How the process will look like

Your teammates will gather all requirements within our organization. Then, once priority has been discussed, you will decide as a team on the best solutions and architecture to meet these needs. In continuous increments and continuous communication between the team and stakeholders, you're part of making data play

an even more important (and understood) part withing Brand New Day.

Job Benefits

EUR 47K – 88K *