

Control/PLC -Engineer

Date : 12-3-2024



“Rightsizing Offshore Access”

Z-Bridge is looking for a passionate Control Engineer to join our team on our fascinating offshore access systems on ships in the various NL (and EU/Global) ports and also in our office in IJmuiden.

You are given the opportunity to bring your technical expertise to the table while working in a small hands-on team on our Bring-to-Work system. Important values in our company are: safety, respect, deliver on commitments, positive attitude and humour. In short, you know how to monitor the safe performance of our PLC's / controls and provide support in resolving all issues to keep our motion-compensated walkways operational at all times and support our offshore clients in their activities in wind parks (primarily).

Your locations will be in ports (read: mainly Rotterdam and IJmuiden, but also Terneuzen until Delfzijl, sometimes NW-Europe and maybe US/CN) & partly offshore, in combination with our HQ IJmuiden Office.

Your responsibilities:

- As Control Engineer you are part of the operations team,
- Responsible for monitoring the performance of the existing rental fleet,
- Responsible for commissioning of new systems,
- Responsible for actively monitoring existing systems
- Provide support to the maintenance team and propose software changes to the lead engineer,
- Provide technical support during trouble shooting on a vessel, in port or remotely and are thus flexible with your working hours and travelling,
- Propose technical improvements to the development team,

Your qualities:

- The basis: You highly value Safety, Quality and Transparant teamwork
- Indepth:
 - PLC programming skills: PLC Siemens Step 7 and TIA Portal
 - Sensor and actuator integration
 - Safety systems: IEC 61508, IEC 61511
 - HMI-design: Scada: Siemens Simatic S7 HMI
 - Communication protocols: Ethernet/IP, Profinet TCP/IP, RS422 and RS485, ASCII, Fiber optic, Siemens S7
 - Fault diagnosis and Troubleshooting: PLC programming software, oscilloscopes, network analysers
 - Be able to read and have a basic understanding of electronic (and hydraulic-mechanical) drawings
 - Experience: preferably compensated walkways, cranes, offshore, or similar
- General:
 - Professional education, in the field of Mechatronics or Systems & Control,

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- Experience working with Siemens Step 7 and TIA portal,
- A bachelor's degree,
- At least 3 years relevant work experience in related markets,
- You are eager to learn about the Offshore Access System market,

- You like travelling (note: to ports mainly within the Netherlands /Europe, occasionally CN/US, incl 5% offshore)
- The person we seek is outgoing, entrepreneurial and should be pragmatic,
- You also have excellent communicative and interpersonal skills and good command of the Dutch and English language.

Compensation:

- We offer a competitive salary level including full secondary benefits
- We believe it is important that you continue to grow since your ongoing development will benefit your career within Z-Bridge. We will therefore invest in relevant training and courses for your professional area and personal growth.
- On the work floor, you will see an informal and dynamic working environment that focuses on teamwork to successfully support the projects of our clients.

Company Information

Z-Bridge B.V. is a privately owned company founded in 2017 with its headquarters in IJmuiden, The Netherlands. Supported by our shareholders, we are operating our rental fleet of Bring-to-Work Offshore Access Systems. This lightweight offshore access system is able to operate from smaller vessels (read: SOV, Service Operation Vessels).

We are active in the Offshore Energy market focusing on the energy transition. Please visit www.zbridge.nl for more information on our systems and company.

Contact information:

Do you recognize yourself in this profile and would you like to work at Z-Bridge? Please apply before **15-04-2024** by submitting your resume and cover letter in English to recruitment@zbridge.nl to the attention of our HR Manager, Hannah Bom, h.bom@vanesholding.com.

We are looking forward in receiving your application!

For an impression about your role:

