

JOIN OUR TEAM!

Innovate, Collaborate and Elevate with AKA!



By joining AKA, you become a part of a community driven by innovation and a vision for a cleaner world, transforming global power utilization and increasing sustainability with cutting-edge technology.

WHO WE ARE

AKA Energy Systems (AKA) is a systems integrator that offers innovative energy solutions to various industries. With a team of electrical, mechanical, software, and automation engineers, we...

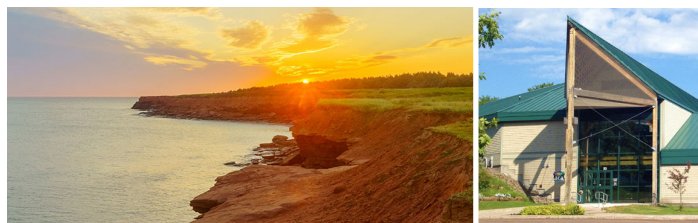
- **DEVELOP,**
- **BUILD,**
- **TEST,**
- **DEPLOY, and**
- **MAINTAIN**

Power systems in marine and offshore industries, microgrids and renewable energy technologies in land-based industries. We operate from offices located in Canada, the United States of America, Europe, and Asia, with teams deployed around the world. Engineering, Manufacturing, and Services are based primarily in our Prince Edward Island facilities.

We prioritize caring for one another, our communities, and the environment. Our goal is to create a significant and positive global impact through the development, advancement, and commercialization of technologies that enhance safety, promote environmental cleanliness, and improve overall well-being.

OUR COMMITMENT TO YOU

- Creative and challenging work environment immersed in cutting-edge technologies
- Working with experienced cross-functional teams in a globally renowned company
- Flexible working conditions and exciting travel opportunities
- Continuous training, and professional and personal development
- Opportunities to learn and work across a wide array of projects and engineering disciplines
- Competitive compensation package, including attractive group benefits.



AKA
Energy Systems

Ahead of the Current. Local Presence. Global Reach.

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**NOW HIRING
CAREERS AT AKA**

MECHANICAL ENGINEER

Employment: Full Time | Reports To: Mechanical Manager | Location: Poole's Corner, PEI

ABOUT THE ROLE

As a part of AKA's mechanical engineering team, the successful candidate will participate in development and execution of mechanical engineering design, creation of mechanical systems and structures, in-depth analysis of new and existing mechanical products/solutions, implementation and documentation for mechanical scope of supply for company projects, coordination work efforts with other disciplines as well as clients.

The successful candidate will participate in ensuring projects are well defined and administered in accordance with the agreed scope, budget and schedule, while providing high levels of customer service. This position requires special knowledge, high level of education and license to practice engineering issued by a provincial or territorial engineering regulatory body in the field of mechanical engineering or associated disciplines.

POSITION RESPONSIBILITIES

- Developing solutions for mechanical systems and products utilizing internal/ external design tools as well as professional knowledge (3D&2D design software, piping and structural design tools and methods, HVAC design tools and guides, manual calculations based on engineering standards and principles, etc.)
- Adhere to industry or application codes and standards (Marine standards (DNV, BV, etc.), Onshore codes (NBC, NFPA, ASHRAE, etc.)
- Preparing work packages for manufacturing/construction (including: drawings (parts, assemblies, p&id, schematics), documentation, engineering change orders, none conformance reports, etc.)
- Preparing documentation to be transmitted to customers and for internal use (functional descriptions, data sheets, specifications, technical notes, testing procedures, reports, maintenance manuals, etc.)
- Interfacing with customers to determine project scope, requirements, and deliverables
- Provide comprehensive technical support for company products to colleagues and customers
- Using mechanical engineering principles to ensure systems are appropriately engineered
- Using mechanical engineering software and other tools to ensure designs are robust and safe
- Provide technical support to service department on mechanical scope when required (working with service tickets, claims, warranty, etc.)

- Supporting onsite activities such as commissioning and trouble shooting
- Travel to customer site when necessary to provide onsite support and training
- Support for mechanical engineers-in-training work in accordance to legal and ethical engineering codes, as well as public safety where it needed
- Taking responsibility for professional development, including pursuit and maintenance

POSITION REQUIREMENTS EDUCATION & EXPERIENCE

- Degree in Engineering or a related field, or a combination of education and experience suitable to the position
- Preferably license to practice engineering issued by a provincial or territorial engineering regulatory body (P.Eng status)
- Preferably field experience in industrial automation and control systems, or systems engineering
- Experience in the design, development and implementation of mechanical solutions for electrical power systems and/ or control and automation systems
- Project management experience is an asset

KNOWLEDGE & SKILLS

- Solid understanding of engineering process and terminology
- Confident knowledge and experience in 3D and 2D modeling software (preferably Autodesk Inventor and Autocad or similar)
- Proficient at the intermediate level in the use of MS Office products, including Word, Excel, Outlook and Access

- Proven analytical, problem solving and decision making skills
- Ability to analyze complex systems engineering problems and devise innovative engineering solutions
- Ability to work effectively within a team environment and across multiple project teams
- Proven ability to manage a diverse workload while prioritizing time to meet deadlines
- Effective communication, interpersonal and customer relation skills
- Must be capable of briefly lifting up to 30 kg. (mobile bag consisting of laptop, peripherals and testing tools)

INITIATIVE

- Anticipates and responds in a proactive manner to future needs (of external clients and internal groups) that may not be obvious to others
- Coaches, supports and encourages others to test their limits
- Exceeds job expectations to contribute to Corporate objectives

COMMUNICATION

- Tailor communication (e.g., content, style and medium) to diverse audiences
- Read cues from diverse listeners to assess when and how to change planned communication approach to effectively deliver messages
- Communicate equally effectively at varied organizational levels
- Understand others's underlying needs, motivations, emotions or concerns.



HEADQUARTERS
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LOCATIONS
North America - Canada
Asia - Singapore
Europe - MAN Partnership

CAREERS INFO
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