

CAREER OPPORTUNITY

SENIOR MECHANICAL ENGINEER – OCEANSIDE, CA

Job Summary:

Under general supervision, identify, develop and implement programs and projects for improvement in equipment, system safety, reliability, efficiency and control through application of sound mechanical and process engineering. Provide technical guidance for the design, installation, repair, or modification of existing and new production equipment systems. Act as Project Manager and subject matter expert for equipment system projects from mid-size to large improvements up to \$ 2,500M or more. Provide leadership and guidance to less-experienced technical staff or other personnel.

ESSENTIAL DUTIES and/or RESPONSIBILITIES:

1. Manages complex engineering projects, overseeing development, design, fabrication, installation and commissioning of new mechanical and process equipment systems.
2. Expedites equipment installation, start-up and validation activities to ensure manufacturing and process equipment is installed and fully operational in accordance with design requirements and specifications.
3. Ensures assigned projects and documentation are completed in accordance with the company Quality Management System and Environmental Health and Safety requirements.
4. Specifies system components or direct modification of existing equipment to ensure conformance with mechanical and process operational and performance requirements.
5. Applies sound technical thinking to analyze mechanical and process system issues, using Statistical Process Control analytical techniques to develop solutions and modifications.
6. Collaborates with other stakeholders to identify, develop and complete continuous improvements to existing equipment and operations.
7. Provides technical support as needed in support of maintenance, quality and EHS partners.
8. Other duties as assigned.

MINIMUM EDUCATION and/or EXPERIENCE:

1. Bachelor of Science degree in Mechanical or Chemical Engineering and 8 years' experience.
2. Water Management Systems experience, a plus.

KNOWLEDGE, SKILLS and/or ABILITIES:

1. Advanced knowledge of electrical, mechanical, HVAC, water management equipment and systems. Ability to troubleshoot/improve equipment, processes and systems.
2. Strong ability to apply basic principles of logical or scientific thinking to a wide range of complex and advanced intellectual and practical problems which require novel and new innovative approaches.
3. Work independently and foster a cooperative spirit within a large and/or small team; highly developed ability for methodical troubleshooting.
4. Ability to work in a detailed-oriented environment with strong follow-up and organizational ability.
5. Exceptional application of critical thinking skills along with exceptional problem solving skills as well as ability to transfer technical knowledge to other team members.
6. Strong multi-tasking skills, flexibility in responding to rapidly changing, dynamic processes and demands/pressures in a fast-paced environment.
7. Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Effectively present information in one-on-one and small group situations for other employees across functional groups/matrix format.
8. Work with advanced mathematical concepts such as probability and statistical analysis.

9. Advanced working knowledge of Microsoft Office Suite, Auto-Cad, SolidWorks, PLC and Inventor software.
10. Experience with Original Equipment Manufacturing (OEM) or integrators.

The following are preferred:

CERTIFICATES and/or LICENSES:

1. Professional Engineering – P.E., a plus
2. Green or Black Belt Certification in Six Sigma, or other statistical process analysis, a plus.

TO APPLY:

Submit resume to Human Resources at jobs@hydranautics.com with Senior Mechanical Engineer in subject line.

Hydranautics is an Equal Employment Opportunity (EEO) employer and welcomes all qualified applicants. Applicants will receive fair and impartial consideration without regard to race, sex, color, religion, national origin, age, disability, veteran status, genetic data or other legally protected status.

About this Company

Hydranautics is a part of the Nitto Group and one of the global leaders in the field of integrated membrane solutions. Hydranautics offers complete membrane solutions like reverse osmosis, nanofiltration, ultrafiltration and microfiltration for water, waste water and process treatment and applications. Hydranautics membrane based solutions are currently in use on seven continents throughout the world for diverse applications such as seawater desalination, industrial high-purity water, surface water treatment, waste water treatment and specialty process applications. For further information kindly visit our website at www.membranes.com.