



Advanced Extraction Systems Inc. (AESI) designs, engineers and fabricates manual and fully automated supercritical fluid botanical CO2 extraction systems for the medical marijuana and hemp industries in North America. AESI has assembled a skilled management team and world class scientific advisory group with over 60 years of experience in supercritical fluid design and processes.

Job Title: Process Engineer

Deliverables:

- Excellent Project Management Skills are required for this position.
 - Provide Exceptional Service for Advanced Extraction Systems Inc. (AESI) Customers, Employees and Suppliers.
 - Technical writing skills for manuals and standard operating procedures.
 - Thermodynamic knowledge for sizing heat exchangers and high pressure process modelling an asset.
 - Actively participate in AESI's Quality Management System.
 - Support AESI Project Management and Manufacturing with timely, dependable, innovative and cost-effective equipment solutions exceeding industry expectations.
 - Manage assigned tasks and deadlines and provide accurate updates to facilitate overall AESI scheduling.
 - Review and discuss statements of work from Project Management and complete design requirements following AESI Design Standards, applicable codes and good engineering practice.
 - Prepare process and instrumentation drawings and fabrication drawings.
 - Discuss and contribute timely solutions to challenges presented by all AESI Customers departments, sub-contractors and suppliers.
 - Determine equipment specifications for outsourced products.
 - Estimation of resources needed for product development.
 - Refine and maintain AESI Design Standards.
 - Develop, test and evaluate theoretical designs.
 - Collaborate with industry professionals as required to broaden AESI knowledge base.
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General Traits:

- Strong technical skills in mechanical systems.
- Systematic, practical problem solver.
- Effective communicator.
- Able to handle multiple priorities and balance the needs of each according to business impact.
- Organized.
- Punctual.
- Safe work practices.
- Able to work within a team.
- Ambitious, self-starter.
- Attention to detail.
- Adapts behaviors in response to feedback.
- High level of pride in one's work

Education/Training/Experience:

- Degree in Engineering (Chemical or Mechanical)
- Pressure Code Design Experience (CRN & ASME)
- Experience in high pressure pumps, parts and instrumentation
- Supercritical Fluid Extraction
- CAD drawing experience in Solidworks or Solidedge.
- PLC programming experience an asset.

This is a full-time position, deadline for applications is April 15th, 2017. Remuneration will be based on experience and skill set.

Please resumes by email to:

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