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**ANYTHING IS POSSIBLE**

**Like you, we start where others stop! AIP Industries is driven to take on industry's toughest challenges to solve them with innovative machine technologies.**

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At AIP Industries, our primary goal is to help our clients turn their visions into reality and reach their potential and business goals. We measure projects in terms of impact to our clients and on the World, always striving to give more than we receive, returning multiples in value over any investment.

Our clients are as varied as the projects we undertake, from climate and cleantech, through energy sector and industrial manufacturing. We specialise in “never-been-done-before”. If you are looking for status quo, already been done before solutions, we probably aren't your people. **We strive to do everything better ... always!**

We take tremendous pride helping develop the next generation of sustainable technologies while embracing and improving the industries that have made us who we are today. In over 20 years of experience, AIP Industries has consistently demonstrated our ability to take value propositions from back of the napkin sketch to finished product. Our team works collaboratively with our clients through the entire process including design, prototype, machining, assembly, and testing.

**As serial problem solvers in a growing company, we invite the brightest, hands on, practical, courageous, persistent, passionate lifelong learners and true builders to join us and help our clients succeed.**

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**Together with our clients, *“Anything Is Possible”***

### Job Purpose

Reporting to the General Manager, Engineering, our Electrical Design & Drafting Technologist supports the engineering and manufacturing teams in applying Electrical Engineering Design to the efficient creation and verification of 3D CAD models and 2D drawings for electrical, instrumentation and control systems. These are expected to meet client requirements, design intent and internal modeling standards. The individual will also be expected to manage the release and lifecycle of designs, models and drawings using Process Document Management and Engineering Change processes and tools. Projects are resourced based on the individual's and the team's strengths, experience, and scheduled availability. We will provide the tools, resources, training, and strategy, for our clients, the business and you to be successful.

### The Right Seat

#### *Accountabilities & Key Performance Indicators:*

- Delivering client value with the right solution to the problem presented
- Efficient use of client resources, delivering projects on time and on budget

#### *Key Typical Deliverables:*

- Parametric 3D CAD models to internal modeling standards
- Electrical schematics and Single line Drawings to industry standards
- Panel layouts, Wiring routing and Wiring harness diagrams to industry standards
- Piping and Instrumentation Diagrams P & ID to industry standards

### The Right Person

Successful applicants will have a strong sense of accountability, a mindset of “do what it takes, anything is possible”, and the ability to provide solid technical design and drafting solutions to support our clients’ needs and business goals. You will be appreciative of and supportive of the multi-disciplinary teams that work within AIP Industries and within our clients’ businesses. In addition, the successful candidate will bring:

- A minimum of 5 years of experience in a client facing design and drafting role, as a graduate of a Electrical Engineering Technology diploma, and active membership with ASET.
- Direct experience with parametric 2D and 3D modeling CAD software, with experience in Onshape, Solidworks and Draftsight preferred.
- Additional experience in mechanical drafting is considered an asset.
- Innovative approach to design & drafting, applying strong mathematics skills, computation and formulae, along with practical experience from the manufacturing and layout of parts and assemblies to apply appropriate dimensioning and tolerancing.
- Attention to detail and the holistic analytical ability to see how systems flow together, able to facilitate the efficient and bidirectional communication of design & drafting requirements between team members.
- Open mindedness, with a positive approach to enhancing work relationships, applying collaborative problem-solving, valuing input from all, and with the ability to receive and give feedback constructively.
- Ability to think like an entrepreneur, with a desire to love the client’s problem, respect their resources, and provide practical solutions at a pace that can meet client deadlines.

AIP believes in the “uncommon sense” implementation of simple, well documented, repeatable business practices proven to be successful. Supplementing this, AIP is implementing the Entrepreneurial Operating System (EOS) process framework where it is required.

### Applying

The position is located in Calgary, Alberta, Canada. Some limited travel is to be expected.

AIP welcomes all Canadian citizens and Permanent Residents of Canada, without bias. We invite you to apply with your resume AND cover letter through **Indeed.ca** or via [hr@AIPindustries.com](mailto:hr@AIPindustries.com).

*Due to the mindset, skills and experience required to solve the business challenges we tackle, we expect to only be able to respond to a select few applicants for interview. The position will remain open until a suitable candidate is selected.*