



Electronics Engineer

ARTMS Products Inc.

ARTMS™ Products is a leader in the development of novel technologies with the prospect of revolutionizing the nuclear medicine industry. Our flagship product is the QUANTM99, a hardware and consumable system that enables the cost-effective and decentralized production of the world's most-used diagnostic imaging isotopes using medical cyclotrons. ARTMS holds the exclusive global commercialization rights to this award-winning and proprietary Canadian technology.

POSITION SUMMARY

We seek an energetic Electronics Engineer with a diverse technical background to work on product scale-up manufacturing, equipment installation and network administration. The individual will also be a key innovator in future product development. The position reports to the Chief Technology Officer and requires close interaction with our Design and Manufacturing Engineers as well as being a point of contact for current and future customers. Experience with hardware/software for electrical automation systems as well as a working knowledge of regulated processes and design for manufacturing will be needed. We are looking for a forward-thinking person who can anticipate customer's needs while also developing technology in compliance with relevant equipment certifications and in-house QC and QA and ISO9001 standards. An additional focus includes acting as network administrator for the product data/document management systems and inventory databases, etc.

RESPONSIBILITIES

- Participating in the implementation of manufacturing equipment and IT systems to meet product delivery.
- Creating testing and quality assurance procedures.
- Equipment installation and training of staff at customer facilities.
- After-sale customer support and troubleshooting.
- Assisting the CTO and Engineering team in the development and continual improvement of QC, QA and QMS.
- Developing guidelines to ensure compliance with all regulatory requirements including relevant cGMP, ISO, nuclear safety and transportation and dangerous goods requirements.
- Working with Design and Manufacturing Engineers in product development with a focus on electrical control systems and HMI.
- Extended hours and shift work may be required from time to time
- Travel, including international, may be required from time to time

QUALIFICATIONS REQUIRED

- Minimum 3+ years of relevant electronic systems and IT experience
- Experience developing and troubleshooting control systems
- Experience in drafting electrical CAD drawings
- Experience in commissioning and installation
- Familiarity with DC circuit design and wiring
- Familiarity with HMI software, tags, addresses, etc
- Familiarity with power distribution circuits, cable and fuse selection, etc
- Familiarity with electrical requirements for certifications (CE, UL, and CSA), or willingness to learn
- Strong communication and documentation skills

- Strong organizational and time management skills
- Team player with the ability of working with minimum supervision
- Proven time management skills and a strong attention to detail

DESIRED

- Familiarity with OPTO22 hardware
- Knowledge of cyclotron hardware, with a heavy emphasis on particle accelerator targetry and target stations
- Technical knowledge of the radioisotope production and radiochemical separation processes
- Experience working in radioactive environments
- Knowledge and experience working within GMP and/or ISO9001 standards

EDUCATION

- B.A.Sc. or B.Eng. in Electrical or Systems Engineering or equivalent program/experience
- Registered (or candidate) EIT/P.Eng with EGBC.

ADDITIONAL INFORMATION

- The position requires the incumbent to be trained as a Nuclear Energy Worker (NEW)