

ELECTRICAL ENGINEER

(3 MONTH CONTRACT POSITION WORK LOCATION CALGARY AIRPORT)

(Open to Canadian Citizens only LIVING IN EDMONTON NO ACCOMODATIONS/EXPENSES PROVIDED)

(All details to be discussed)

Our Client is an innovative, dynamic, internationally active business with headquarters in Beckum, Germany and are the leader in the manufacture of intralogistics for conveying, loading, palletizing, packaging, sorting and distribution technologies. They offer intelligent solutions that move.

Responsibilities:

The Electrical Engineer position is a hands-on job requiring excellent technical, organizational and communication skills. As the Electrical Engineer applies professional electrical engineering knowledge and skills to electrical engineering for our client primarily relating to baggage handling systems and peripheral equipment.

You will be required to:

- Design experience for complex, integrated automation systems including electro-mechanical and controls architecture
- You will be responsible for providing input and advice to the installation team during the implementation of the project on site including the preparation of as-built drawings and handover documentation
- You will supervise electrical installations, rebuild and complete partial demolitions
- Prepare electrical documentation, review and revise electrical schematics design of electrical aspects for conveyors and including the controls architecture and components
- Troubleshoot, interpret and evaluate circuit diagrams and physical installation including electromechanical engineering problems and integrated controls
- Interpret circuit diagrams and layout drawings for installation and/or troubleshooting purposes
- Prepare documentation using computer based tools for electrical schematics and physical installation design including E-Plan and AutoCAD
- Update as-built documentation via site-survey, red-lining and modelling

Qualification:

- Bachelors or Masters degrees in electrical engineering or other combinations of experience and education that meet this requirement
- Design experience with Allen Bradley PLC's, Control NET, LAN, Power supply/Low voltage switchgear, frequency inverters, Sensors and transducers
- You will be proficient in Canadian electrical codes and related regulations
- Strong knowledge in power distribution (Transformers, Breaker sizing, type selection, wire sizing, conduit sizing, circuitry protection and grounding) as per the CSA.
- Strong knowledge in sensors and transducers (Types and applications).
- Proven familiarity and competence with E-stop systems (soft and hard), Access controls and CCTV.

Please send your resume in MS Word format to michellethompson@employeremployer.com and put job title in the subject line.