



# Example of Project Controls Engineer Job Description

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Our growing company is hiring for a project controls engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for project controls engineer

- Provide data for input to construction monitoring report (QURR)
- Participating to the design of the project execution in coordination with the BAS Project Manager
- Deliverables Forecasting, On-time Invoicing, Invoice Submission and Payment Follow-up
- Programming, testing and commissioning of the complete BAS systems (Network, Controllers, Workstations, Sensors/Actuators ...)
- Creation of BMS graphical-user-interfaces (GUI) from Trane Standard Library
- Maintaining Customer Relationship at site, Organizing Training, Project Close-out and Handing Over to Service Team for Warranty and AMC support
- Managing Multiple Contractors working at project, approving their measurements & validation of their Invoices based on Measurements
- May assist in modeling, setting of targets, and monitoring EMS
- May identify ECM measures and analyze energy usage to maximize energy savings
- Support project, process and maintenance activities that will lead to improved safety and production efficiencies

## Qualifications for project controls engineer

- 1 or more years of experience with instrument maintenance practices
- Proficient in Smart Plant for Instrumentation (SPI) and SAP

applications

- 1 or more years' experience working with instrument safety requirements, including the applicable sections of OSHA 1910.119, ANSI/ISA 84.00.01-2004 and API documents
- Experience with high-speed automation, programmable logic controllers, robotics and vision systems required
- Expertise in National Electrical Code (NEC) and Arc-Flash (NFPA-70) requirements required