

Instrumentation and Controls Engineer (BMS / CCS)

JOB PURPOSE:

The Instrumentation and Controls Engineer is responsible for the **design and development of all aspects of the electrical control system for a boiler or heat exchanger control system** (BCS), BMS (Burner Management System) and CCS (Combustion Control System).

ESSENTIAL JOB DUTIES AND RESPONSIBILITIES:

- Design electrical controls systems, ensuring department engineering work is technically sound and cost effective and all projects meet schedule and budget commitments.
- Understand all BCS, BMS & CCS systems, DCS, PLC based or Fireye. Responsible for NEC, NFPA, UL and customer specifications for each system.
- Provide installation and technical support of PLC based hardware and software, as well as support field installation personnel.
- Interface with customer, installation personnel and sales personnel for project support.

OTHER JOB DUTIES:

- Perform other duties as assigned.

ESSENTIAL JOB QUALIFICATIONS:

- B.S. in Engineering, **Electrical Engineer preferred**. Minimum 5 years of experience with electrical controls.
- Broad knowledge of engineering disciplines related to boiler industry.
- Must possess excellent people management, communication (oral and written), and organizational skills.
- Excellent people skills.
- Competent in Microsoft Office Suite, AutoCAD, Studio 5000, Factory Talk, RS Logix, and SE & ME