



ces Corporation
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Material Science
Engineered Materials & Sol

POSITION DESCRIPTION

Title: Walbridge Electrical Engineer **Grade:** 11
Location: Walbridge **Dept:** Engineering
Reports To: Walbridge Operations Manager

Employees Supervised: 0 (Directly)
0 (Indirectly)

Other Metrics:

POSITION PURPOSE:

Analyzes and troubleshoots all electrical process equipment. Responsible for all facets of instrumentation. Maintains and modifies PLC, DCS, and HMI systems. Performs preventive maintenance on HMI

NON-ESSENTIAL FUNCTIONS:

- ◁ Ability to communicate with all levels of the organization, customers, and vendors.

KEY POSITION ABILITIES:

- ◁ Education BSEE (Bachelor of Science Electrical Engineering
- ◁ Good verbal and written communication skills
- ◁ Power Distribution Systems and Control Systems knowledge
- ◁ Knowledge of design and troubleshooting AC/DC drive systems, , hydraulics, and pneumatics.
- ◁ Experience with Microsoft Office and Autocad.
- ◁ Project Management awareness
- ◁ Participation in the APQP and FMEA processes
- ◁ Assist in root cause analysis of line problems.
- ◁ Manage multiple projects at the same time to maximize efficiency and take advantage of gaps in project timelines
- ◁ Comply with project procedure, maintenance manual procedure, training procedure, general engineering specifications, electrical specifications and all local, state and national codes and regulations.

Prepared by: _____ **Date:** _____

Direct Supervisor/Manager: _____

Employee: _____

Multiple Incumbents: _____

Next Level Supervisor/Manager: _____

Human Resources: _____