

# Senior Robot Programmer

Senior Robot Programmer (Multiple positions)

## **Preparation Activities:**

Analyze project specification requirements and mechanical design of the robots (various types and brands) with regards to handling and connections/joints/junctions for manufactured products.

Develop the initial design from concept to a fully functional & operational robot control software program to meet project specifications.

## **Execution Activities**

Program PLC operational software. Conduct testing to ensure requirements are met according to project specifications. Implement/apply improvements after testing. Optimize robot software program into a fully functional process. Assess and safeguard machine safety/security measures. Responsible for on-site programming of robots and installing/initial commissioning on customer's premises and provide clarity for customer in case of questions or uncertainties.

## **Other Activities**

Travel required to unanticipated customer locations from main worksite in Spartanburg, SC.

## **Knowledge of the following is required:**

Minimum requirements: Bachelor's degree or foreign equivalent degree in Mechatronics, Electronics Engineering, Automation Engineering or closely related field. 3 years' experience as Robot Programmer, Automated Controls Programmer or related occupation. Experience must include commissioning of robotic welding equipment (KUKA, Fanuc).

## **Manual Skills Required**

See above

## **Job components and authority**

See above

## **Responsibility**

See above

## **Effective Communication Required with**

See above

**AWL Automation is a EEO employer (M/F/Vets/Disabled)**