

Customer: Eagle Bend Manufacturing

Location: Clinton, TN

Time & Duration: 30 Days

Technical Description: Robot Replacement Support

Reference: Eagle Bend Manufacturing 13-358 / 1.1.2



Job Description

Robot Replacement Support

INP Tasks

Provide an AutoCAD assessment as listed below:

- Layout (Robot) mechanical assessment
- Layout review
- Top and Side view assessment- Fanuc Robot placement on layout
- Reach/layout assessment

Provide a Pre-programming/assessment for PLC and robot programming work

- Electrical (I/O) review
- Beckhoff programming assessment - System manager file, boot project file (*.TSM), project file (*.PRO)
- Communication between PLC and Fanuc robot.
- Pilz safety plc program changes assessment - FS and ST programs, configuration file (*.SBC)
- The robots have a DCS option on them in lieu of axis cam switches assessment – Actual implementation will be done during On-site work.

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