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Automation Engineer II

Hiring organization
PROCTEK

Employment Type
Full-time

Date posted
23 junio 2022

Valid through
28.07.2022

Duties:

Independently design program for development and implementation of automation systems for oil wells, gas lift wells, water injection facility, saltwater disposal, central tank battery, oil & water separation and production separation. Design PLC (Programmable Logical Controller) from job walkthrough start up, under the supervision of a project manager. Independently perform industrial PLC programming on all platforms like Rockwell, Siemens, Direct Automation, etc. Perform LOI (Local Operator Interface) programming on all platforms, including Panelview, C-More, Beijer, etc. so that the displays can interface between operations and the PLCs. Conduct SCADA/HMI programming (Human Machine Interface) on all platforms, including Iconics, RsView, Wonderware, etc. so that operations and management to monitor and control the facilities remotely. Independently perform testing and calibration of instrumentation to make sure the instrumentation was correctly tested in the shop and check the readings of the instrument against the PLC readings. Review PLC design drawings developed by design drafter to ensure the design is according to the required specifications. Specify and define PLC and instrumentation materials, collaborate with automation technician in materials procurement procedures, and review instrumentation signals type and connection details. Provide project development progress reports to project manager for submittal to customers. Provide periodic maintenance and support services to client's automation servers. Independently develop new automation project controls narrative and associated documentation to define and specify all parameters for programming purposes.

Minimun Requirements:
Master's degree in Computer Science, Electrical, Electronic, or Mechatronic Engineering or foreign equivalent and twelve (12) months experience in PLC programming and SCADA.

Alternative Requirements:

Bachelor's degree in Computer Science, Electrical, Electronic, or Mechatronic Engineering or foreign equivalent and Five (5) years' experience in the job offered or related field including twelve (12) months experience in PLC programming and SCADA.