

Electrical System Control Engineer

Job description

- i. Prepare or review the E&I design & drawings.
- ii. Design and develop programming for automation and control system involving PLC/Touch Screens/SCADA
- iii. Design and develop data collection, storage and processing strategies for IoT system solution and implement data analytics and visualization tools to derive insight from IoT data
- iv. Conduct Factory Acceptance Test and Site Acceptance Test
- v. Perform the troubleshooting, maintenance, testing and commissioning work
- vi. Coordinate project work internally within department and externally with other departments to ensure on-time completion of projects within budget.

Job requirement:

- i. Minimum Degree in Electrical/Electronics/ Instrument and Control Engineering or any related field
- ii. Minimum 2~5 years of working experience in the same industry
- iii. Experience in Electrical System (Low voltage MCC and VFD), instrumentation and control valves will be an added advantage.
- iv. Experience with IoT system solution is a plus.
- v. Demonstrates strong troubleshooting skills in PLC, instrumentation, and MCC systems, with the ability to interpret and understand wiring diagrams, loop drawings, and MCC schematics.
- vi. Hands-on experience in programming PLC, SCADA, and HMI (Touch Screen) systems.
- vii. Willing to travel locally and overseas, with travelling to site is required.
- viii. Possess with own transport & valid driving license.
- ix. Required Languages: English, Bahasa Malaysia.
- x. This is a full-time position based in Shah Alam, Selangor.