

Aska Engineering is an engineering firm based in California specializing in renewable energy and Automation.

Job Title: Junior Controls Engineer

Location: Aleppo, Syria
Position Type: Full-Time
Number of openings: 2
Travel Required: No
Training: Yes
Posting URL: AskaEng.com/careers

Position Summary

The Controls Engineer is responsible for the design and documentation of industrial control systems. This role focuses on developing control system architecture, electrical schematics, panel layouts, PLC programming and instrumentation designs to support automation and control projects for industrial applications.

Key Responsibilities

- Design industrial control systems and define control architecture
 - Develop electrical schematics, wiring diagrams, and control panel layouts
 - Select control hardware (PLCs, HMIs, I/O, power supplies, VFDs, networking equipment)
 - Create and maintain bill of materials (BOMs) and equipment specifications
 - Develop I/O lists, network diagrams, and loop diagrams
 - Ensure designs comply with applicable codes and standards (NFPA, NEC, IEC, UL)
 - Support PLC and HMI programmers with accurate design documentation
 - Coordinate with electrical, mechanical, and process engineering teams
 - Review vendor submittals and integrate third-party equipment
 - Maintain drawing standards and revision control
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Required Qualifications

- Bachelor's degree in electrical engineering, Controls Engineering, or related field
 - Experience creating control system drawings using CAD tools (AutoCAD Electrical, EPLAN, or similar)
 - Strong understanding of industrial control systems and components
 - Ability to read and interpret P&IDs and electrical schematics
 - Knowledge of PLC platforms and industrial I/O (Allen-Bradley, Siemens, Schneider, etc.)
 - Familiarity with industrial networking basics (Ethernet/IP, Modbus, Profinet)
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Additional Notes

- This job requires working from Aska's Aleppo Office Monday – Friday 8 AM to 5 PM Pacific (6 PM to 3 AM local time)
- Ability to adjust hours in the future
- English will be the primary language for all business communications.
- The training program will last 2 to 4 months.
- Compensation will be based on experience and will be adjusted upon successful completion of the training period.

Perks

- Competitive salary and benefits package
- On-the-job training and continuous education (courses, certifications, webinars, & more)
- Opportunity for career advancement and internal promotion
- Supportive, fun, and flexible work environment with regular team activities
- Opportunities for community engagement and volunteering