

POSITION: Substation Technician / Substation Electrician

Field / Project-Based – Multiple ROKPOWER Utility Construction Sites

SUMMARY

The Substation Technician / Substation Electrician is responsible for the hands-on assembly, installation, inspection, testing, and commissioning of high-voltage gas-insulated switchgear (GIS) and associated substation electrical equipment on ROKPOWER construction and commissioning projects.

This role performs mechanical and electrical work in accordance with OEM specifications, engineering drawings, and installation procedures, ensuring every task is completed safely, accurately, and to ROKPOWER's quality standards.

The Substation Technician / Substation Electrician works closely with field supervision, commissioning engineers, QA/QC personnel, and OEM representatives to deliver substation work that is safe, code-compliant, and built right the first time.

ESSENTIAL DUTIES & RESPONSIBILITIES

GIS Installation & Assembly

- Perform assembly, installation, inspection, and commissioning of GIS equipment, including bus sections, circuit breakers, disconnectors, grounding switches, CTs, PTs, secondary cable terminations, and associated control equipment
- Interpret electrical drawings, schematics, OEM manuals, and installation procedures to guide field installation work
- Complete mechanical checks, torque verification, alignment checks, and required installation documentation

Testing & Gas Handling

- Perform electrical testing in support of commissioning activities, including DLRO and IR Megger testing
- Execute gas-handling procedures, including leak testing, vacuuming, filling, and gas-quality testing

Safety & Quality

- Apply substation safety requirements, Lockout/Tagout (LOTO), temporary protective grounding, and energized-work controls on every task
- Complete QA/QC documentation, inspection and test plans (ITPs), check sheets, and punch-list closeout
- Maintain a strong safety culture and attention to detail while working within a fast-paced project team

EXPERIENCE AND QUALIFICATIONS

- Previous experience working on HV GIS projects
- GIS assembly, installation, inspection, and commissioning experience (DLRO, IR Megger)

HOW TO APPLY: To submit your application, send an email with your resume to Hortencia.Garcia@rokpowerutilities.com

- Ability to interpret electrical drawings, schematics, OEM manuals, and installation procedures
- Experience with GIS bus sections, circuit breakers, disconnectors, grounding switches, CTs, PTs, secondary cable terminations, and associated control equipment
- Understanding of gas-handling procedures, leak testing, vacuuming, filling, and gas-quality testing
- Experience completing mechanical checks, torque verification, alignment checks, and installation documentation
- Strong understanding of substation safety requirements, LOTO, temporary protective grounding, and energized-work controls
- Ability to complete QA/QC documentation, inspection and test plans, check sheets, and punch-list closeout

SAFETY TRAINING AND QUALIFICATIONS

- Aerial Lift / Mobile Elevating Work Platform (MEWP/EWP) operator training and authorization
- Fall Protection and Personal Fall Arrest System training
- Qualified Rigger and Signal Person training
- Permit-Required Confined Space Entry training
- Overhead Bridge and Gantry Crane operator training and authorization
- Lockout/Tagout (LOTO) training
- OSHA 10 or OSHA 30 Construction certification (General Foreman role)
- NFPA 70E Electrical Safety training
- First Aid/CPR certification

HIGHLY REGARDED

- OEM-specific GIS training or certifications
- Experience with Siemens, Hitachi Energy, GE Vernova, Mitsubishi Electric, or comparable GIS equipment
- Experience on 115 kV, 138 kV, 145 kV, 230 kV, or higher-voltage systems
- Previous substation construction and commissioning experience
- Experience supervising GIS installation crews or coordinating directly with OEM representatives (General Foreman role)

The successful candidates will demonstrate a strong safety culture, attention to detail, quality workmanship, and the ability to work effectively within a fast-paced project team.