

MEDIUM VOLTAGE TECHNICIAN

Integrated Circuit Solutions (ICS)

Houston, TX Area | Full-Time | On-Site

Pay: \$25.00–\$35.00 per hour, depending on experience

About Integrated Circuit Solutions

Integrated Circuit Solutions (ICS) is looking for Medium Voltage Technicians to join our growing team. We build, wire, and test power distribution equipment, including load break switches, metal-enclosed and metal-clad switchgear, relay panels, and related assemblies operating in the 5kV to 38kV range.

At ICS, we believe in investing in our employees' personal and professional growth. We value teamwork, a family-oriented culture, and promoting from within whenever possible.

About the Role

As a Medium Voltage Technician, you will assemble, wire, inspect, and test electrical power distribution equipment while working closely with production, engineering, and quality teams.

The ideal candidate has a strong electrical background, attention to detail, and a commitment to safety and quality workmanship. Direct medium voltage experience is strongly preferred.

Key Responsibilities

- Assemble switches, breaker compartments, bus supports, barriers, grounding components, and related equipment according to approved drawings.
- Install copper bus and control wiring, complete electrical terminations, apply specified torque requirements, and document inspections.
- Read and interpret single-line diagrams, electrical schematics, wiring diagrams, mechanical drawings, and bills of material.
- Install current transformers (CTs), potential transformers (PTs), protective relays, meters, and interlocks.
- Verify wiring, polarity, and equipment operation.
- Perform continuity checks, insulation resistance testing, and functional testing.
- Perform high-potential (high-pot) and other advanced electrical tests only when properly trained and authorized, following approved procedures.
- Troubleshoot wiring and assembly issues and coordinate corrective actions with engineering and quality teams.
- Maintain accurate test results, inspection records, and documentation.
- Follow applicable electrical codes, UL requirements, electrical safety procedures, and personal protective equipment (PPE) requirements.
- Maintain a clean, organized, and safe work environment.
- Assist with factory acceptance testing and equipment preparation for shipment.

Required Qualifications

- Ability to use torque tools, multimeters, and other electrical test equipment correctly.
- Strong attention to detail and commitment to quality workmanship.
- Ability to document work accurately and follow established procedures.
- Commitment to workplace safety and effective teamwork.

Preferred Qualifications

- Two or more years of experience in electrical equipment assembly, industrial electrical work, or electrical testing.
- Direct medium voltage experience is strongly preferred.

- Experience working with switchgear manufacturers or medium voltage power distribution equipment.
- Familiarity with SEL or similar protective relays, CT/PT circuits, or circuit breaker testing.
- Ability to read and interpret electrical drawings.
- Electrical technical training, an electrician license, or NETA/NICET testing credentials.

Physical Requirements

- Ability to stand and bend throughout the workday as needed.
- Ability to handle electrical assemblies using appropriate tools and lifting equipment.
- Ability to follow applicable safety procedures when working with electrical equipment.

Why Join ICS?

At Integrated Circuit Solutions, we believe our employees are our greatest asset. We are committed to professional development, internal advancement, teamwork, and maintaining a supportive, family-oriented work environment.

We strive to promote from within and provide opportunities for employees to develop their skills and advance their careers.

Learn more about us: <https://icstx.com>

To apply: Submit your application through Indeed.

We look forward to welcoming talented technicians to the ICS team!