

INSTRUMENT CONTROL SPECIALIST OVERVIEW

1. **Occupation title:** Instrument Control Specialist
2. **Other titles for same position:** IC Tech, Protection and Control Electrician, Relay Tech, Field Engineer
3. **Generic job description:** The Instrument Control Specialist supports utilities substations by installing, testing, repairing and maintaining a wide variety of electronic, protective relaying, control, and energy management systems and equipment. This employee is part of the team that conducts mandated North American Electric Reliability Corporation (NERC) testing and compiles documentation to prove compliance.
4. **Level:** Advanced
5. **Description of typical career path that includes this occupation:** Instrument Control Specialists can come from any electrical trade including electrician, substation electrician/mechanic, or electrical engineering. Instrument Control is a senior position requiring much technical expertise. People in these positions report that many years after being in this position, they are still learning new things every day. Since this is an advanced position, the primary opportunity for promotion is to move into a Senior Tech position.
6. **Types of employers for this position:** Utility companies, contractors
7. **Training/education/apprenticeship requirements for position:** This advanced position requires a journey level card and multiple years of experience. One can bid in to this position and then must complete an additional two years of training.
8. **Related skill standards:** http://cleanenergyexcellence.org/wp-content/files_mf/instrumenttech.pdf
9. **Education programs currently available:** [Degrees & Certificates](#)
10. **Related training offered within utilities (or other employers):** An additional two years of training is typically required after bidding into this position.