

## Protection Test Engineer

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Company: Rubicon Consulting

Location: Stafford

Category: architecture-and-engineering

Rubicon Consulting is currently recruiting for a Protection Test Engineer on a 6 Month Contract, based in Stafford.

This role is Inside IR35.

The Protection Test Engineer is responsible for programming, testing of Protection relays and Cubicles. In-depth hands-on experience & knowledge of Protection and scheme design is an essential element of this role.

### Essential Responsibilities:

- Perform configuration of protection relays, Validation, factory acceptance test (FAT) of Protection systems.
- Support site activities when required.
- Seeks resolutions on hardware, Software, or performance related protection/design issues.
- Manage Fault reports for resolution via Company's process. To adhere to all required procedures and processes in force at any time.
- Provide weekly time sheets and monthly reports including status of all work undertaken by the Engineer.
- Communicate Project schedule progress, report quality issues and tools/equipment requirements.
- Maintain strong safety mindset to assure the executed work reflects the technical

requirements within client safety standards.

- Warns the project manager and the technical lead in case of budget deviation forecast / any technical deviation which put the project in risk.
- Abide by all client and local policies and procedures including but not limited to Integrity, Diversity, Proprietary Information, Conflict of Interest.
- Apply and adhere the company's quality, environment health & safety policies to the work at Factory and site.
- Work in a safe manner and ensure appropriate training is taken to do tasks safely.
- Report any accidents or injuries while on the job.
- Oversee cubicle safety & good housekeeping practices of team members.
- Ensure RAMS produced and approved before performing any works.

#### Job Requirements:

- The incumbent must possess strong knowledge of protection functions, Electrical Scheme, and cubicle design.
- Strong working knowledge of relays configuration and testing
- Electrical (motors, generators, power grid and generation)

#### Desired Characteristics:

- Electrical Engineer with over 5 years' experience in substations ranging from 11kV to 400kV
- Ability to travel to customer sites - Must have a valid driver's license.
- Knowledge on Power & Protection Systems.
- Experience with electrical Protection relays (LV, MV & HV), detailed design is essential for the job.
- Strong technical skills on Programming and testing Protection Relays.
- Ability to perform Functional testing of Protection panels.
- Experience in Factory Acceptance Testing of protection schemes.
- Experience on performing testing including but not limited to checking protection functions via secondary injections, GOOSE testing, signal testing with SCADA on IEC61850.
- Candidates with proven knowledge of client protection relays and Substation automation solutions are preferred.
- Ability to organize, prioritize and achieve milestones and deliverables.
- Excellent verbal and written communication skills with a strong customer focus and ability to

cooperate with the different departments.

- A rigorous team working approach with a high level of self-motivation, flexibility, and self-learning aptitude.
- Strong interpersonal skills.
- Strong problem-solving skills.
- The ability to work independently within a dynamic work environment is essential.
- Well-developed organizational skills are required.
- Flexible approach to working hours is essential (extended hours and weekends)

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