



## SERVICE ENGINEER APPRENTICE

<b>Division:</b>	COMMERCIAL PROJECTS	<b>Location:</b>	Stockport (with UK & international travel)
<b>Review Date:</b>	JUL 2025	<b>Reporting to:</b>	

## WHO WE ARE

Founded in 1994, our mission has been to transfer cutting-edge technology to the power industry by fostering collaboration between academic research, industry, and commerce. This approach has enabled the power sector to not only leverage innovative scientific research at the forefront of power engineering but also to actively influence the direction of future research and development. As a result, our company has been able to efficiently respond to market demands, developing commercially viable products that provide real-world monitoring and control solutions for the power industry.

IPEC has teams based in the Middle East, the USA, and the UK, all of whom bring extensive expertise in partial discharge theory and its practical applications, including testing, diagnosis, investigation, and support.

We work with a wide range of industries, including utility companies, airports, oil companies, and technology firms.

## JOB PURPOSE

As a Field Service Apprentice, you will gain hands-on experience working alongside our skilled service engineers. This apprenticeship offers the opportunity to learn the fundamentals of electrical asset diagnostics, PD testing (online and offline), system installations, and field service operations in a high-tech and safety-critical environment.

## WHAT YOU WILL BE RESPONSIBLE FOR

- Assist in installation, testing, and commissioning of IPEC Partial Discharge monitoring systems at customer sites.
- Support the delivery of online PD surveys, offline testing, and asset condition monitoring services.
- Learn to operate diagnostic instruments and support site engineers with data collection, report preparation, and system troubleshooting.
- Follow proper safety procedures and assist with maintaining site documentation and test records.
- Maintain tools, equipment, and ensure readiness for field deployment.
- Support in the setup, calibration, and configuration of IPEC test systems.
- Collaborate with engineering and logistics teams for timely job execution and technical support.

## SKILLS, KNOWLEDGE & EXPERIENCE



- Motivated and ready to begin a Level 3-4 Engineering Apprenticeship
- Strong interest in electrical testing, diagnostics, and field service operations.
- Committed to developing practical skills and technical knowledge through hands-on experience.
- Keen interest in working on-site at substations, power plants, and utility locations.
- Strong work ethic with a high level of attention to detail and a firm commitment to health and safety
- Physically fit and fully prepared to travel as part of the job requirements.
- Excellent communication skills and a positive, team-oriented attitude.

## APPRENTICE GROWTH PATH

The Field Service Apprentice role at IPEC is designed not only to provide hands-on training but also to offer a clear growth pathway within the organization. During the apprenticeship, candidates will undergo structured training programs, site-based learning, and mentorship by senior engineers.

The typical year-on-year development plan includes:

- **Year 1: Foundation**

Basic PD concepts, safety training, and support roles in installation and testing.

- **Year 2: Intermediate**

Independently supporting field tests, reporting, and system setup under supervision.

- **Year 3: Advanced**

Leading PD surveys and site work with minimal guidance, supporting new apprentices.

- **Year 4: Professional**

Fully capable Field Engineer managing projects, customer interface, and mentoring juniors.

Upon successful completion of the 4-year apprenticeship, candidates will be eligible for full-time Field Engineer roles within IPEC. This includes opportunities for specialization, international site assignments, and progression into supervisory or technical expert positions.

## WHAT WE BELIEVE IN

We won't be ruling anyone out based on factors such as but not limited to ethnicity, religion, sexual orientation, gender identity, disability etc. The only criteria for differentiating candidates is based on us judging who can best perform in the role based on their skills and experience demonstrated.

## WHAT'S IN IT FOR YOU

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| <ul style="list-style-type: none"><li>• Comprehensive training on IPEC products and field testing procedures</li><li>• Exposure to real-world electrical asset diagnostics and service delivery</li><li>• Travel opportunities and hands-on experience with utility and industrial clients</li><li>• Mentorship from experienced engineers and technical experts</li></ul> | <ul style="list-style-type: none"><li>• Salary £24,000 p.a.</li><li>• 25 days annual leave, plus bank holidays</li><li>• Flexible and dynamic work office environment</li><li>• Professional body membership and continued professional development (CPD)</li><li>• Opportunity for full-time placement upon successful completion</li></ul> |
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