



# IPEC Limited

## Field Service Engineer

**Job Type:** Full-Time Permanent

**Location:** Remote, USA

**Salary:** Competitive, dependent on experience

### Company Information

[www.ipec.co.uk](http://www.ipec.co.uk)

IPEC is a leading global organization in the power industry, specializing in providing solutions for substations to ensure continuous availability and functionality of power systems. With a focus on safe, reliable, and non-intrusive technologies, IPEC helps client assets function with zero downtime. Our innovative solutions cover the power needs of various industries, including oil and gas, renewables, solar, and other power networks.

Our expertise lies in on-line testing, monitoring, detection, and location of Partial Discharge (PD) across the entire substation asset. Partial discharge is an electrical phenomenon found in aging or damaged high-voltage insulation, and it serves as an early indicator of component failure. IPEC is a global leader in on-line PD monitoring of medium-voltage (MV) and high-voltage (HV) plants.

### Position Overview

As a Field Service Engineer, you will carry out fieldwork, perform data analysis, and produce technical reports. This role involves significant travel domestically, to support field investigations, installations, commissioning, and maintenance of systems.

This is a dynamic role with opportunities for professional development in a rapidly advancing technological sector. You will work closely with clients to provide support, technical expertise, and reporting.

### Key Responsibilities

- Install and commission PD monitoring systems at client sites.
- Conduct Partial Discharge (PD) surveying using specialized test equipment on MV /HV assets, substations and power stations.
- Investigate and locate sources of PD using diagnostic tools.
- Perform maintenance and upgrades on PD monitors installed in substations.
- Supervise contractors during installations to ensure work is carried out according to agreed timelines and quality standards.
- Carry out repairs, maintenance, and upgrade work on PD monitors.
- Analyze field test results and produce technical reports for clients.
- Provide routine analysis and reporting of online customer PD data.



- Liaise directly with domestic clients, ensuring successful test procedures, installations, and maintenance.
- Lift up to 50 pounds, move equipment, climb ladders, and work outdoors as needed.
- Travel by air and car for extended periods to visit customers.
- Pass mandatory safety training and annual refresher courses.
- Follow company and customer safety procedures, with a focus on emergency protocols.

**Qualifications:**

- Bachelor's degree in Electrical Engineering or a related field experience.
- NETA Technician certification is required.
- Experience with the installation, commissioning, and maintenance of electrical systems.
- Ability to work independently and remotely for extended periods.
- Excellent verbal and written communication skills, capable of producing clear and professional technical reports.
- Willingness to travel frequently within USA up to 75% of time.
- Must have a valid driver's license and be able to rent a car.
- Eligibility to work in the USA is required.
- Must pass pre-employment drug screening and periodic drug tests if required by customers.

**Preferred Experience :**

- Previous experience in the power industry, particularly in substations or high-voltage asset maintenance.
- Familiarity with Partial Discharge detection, monitoring, and maintenance systems.
- Substation installation experience.

**Benefits :**

- Competitive salary based on experience.
- Flexible working arrangements.
- 25 days annual leave, plus bank holidays.
- Professional body membership and continued professional development (CPD).

**Applications:** Interested candidates should apply in writing to [jobs@ipec.co.uk](mailto:jobs@ipec.co.uk) by 30<sup>th</sup> October.