

**Job Title:**

Electrical Engineer

**Based at:**

Woodbridge, Suffolk – Full Time - 37.5 hours per week

**Position Reports to:**

Electrical Manufacturing Engineer

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**Role Overview**

This is an opportunity for an ambitious, experienced Electrical Engineer to join a small, fast-growth team delivering exciting projects at the forefront of the UK's net zero energy transition.

You will be involved with the safe and compliant build of our combined Solar PV/EVCP/BESS technologies.

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**About the Role**

Responsibilities will include:

- Installing and testing the electrical infrastructure of our Papilio charging hubs, including cable management systems, trunking, EVCP's Solar PV panels, inverters and BESS.
- Collaborate with the electrical team to interpret schematics and drawings for accurate assembly
- Understanding and working to electrical standards in all areas, including BS7671, and relevant codes of practice (COP)
- Maintain documentation of assembly processes and quality checks
- Fault finding and rectification of installed systems.
- Testing and recording of the electrical installation ensuring compliance with regulations, specification, and customer requirements.
- Understanding and working to British (BS) and European (EN/CE) standards in all areas.
- Planning and implementing methodologies and procedures within your field of expertise for the benefit of the business.
- Contributing to the ongoing technical design and development of our combined Solar/EVCP/BESS technologies.
- When required, assisting in O&M duties at installed sites, supporting on site installation of units.

The role will be based at 3ti's manufacturing site in Woodbridge, Suffolk. There may be an occasional need for in-person attendance at our head office in Guildford, Surrey.

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**About You**

You will have completed a time-served electrical apprenticeship, be an experienced and qualified electrical engineer with a proven track record in the Commercial & Industrial Electrical sector including inspection, testing, Solar PV and EVCP installation.

You are:

- Highly professional, ethical and work to the highest standards
- Extremely well-organised with proven experience in building and testing electrical systems
- Able to read and interpret technical drawings and mechanical diagrams
- Mechanically adept with experience of assembly processes and component installation



- A Health & Safety and Quality champion on a continuous drive to monitor and improve, implementing change where required and up to date with current legislation
- Proactive, positive, enthusiastic, flexible and focused on delivery and results

## Qualifications

### Essential:

- A minimum of 10 years electrical experience within the commercial and industrial sectors
- BS7671 18<sup>th</sup> Edition qualified to include Inspection & Testing
- AM2E
- Experience of working with Ethernet and Modbus communication systems
- Experience of Commercial Solar PV & EV Charge Points
- Proficient in Office 365
- ECITB Card
- IPAF 3a & 3b
- The right to live and work in the UK with a clean UK driving licence
- DBS Clearance

### Desirable:

- Experience of working in a production line environment
- First Aid Qualification

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## Salary and Company Benefits

- Annual salary of £45 - 50k gross per annum
- Annual leave of 25 days plus bank holidays
- Performance based bonus scheme
- Potential for EMI share option awards
- Group Life Insurance – 4 x base salary paid to beneficiary
- Employee Assistance Programme including access to Private GP 24/7 and financial and legal support
- Private Health Insurance - after six months continuous service
- Business expense allowances
- Contributory pension scheme

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## About 3ti

We are an award-winning B Corp, passionate about innovation and being at the forefront of renewable energy solutions with our patented Smart Solar EV Charging Hub, Papilio3, and enabling the UK's rapid switch to EVs.

Papilio3 is the solar EV charging solution for a wide range of workplace and destination car parks, such as offices, retail outlets and leisure facilities. It addresses the medium-dwell workplace and destination market segment – offices, shopping centres, leisure facilities, hospitals, and conference centres – where EVs are typically parked for 3-6 hours.



The unit is installed 'behind the meter', democratising energy by giving customers control over EV charging tariffs and taking advantage of Papilio3's c.18 MWh/year solar generation. It also provides employees, customers and guests easy access to multiple EV charge points, providing quick, reliable, low cost, low carbon charging.

Papilio3 has been installed in a range of settings across the leisure, public, private, commercial and industrial sectors to quickly meet the need for fleet, destination and workplace charging. It has an installed capacity of 19.3kWp and can produce up to 18MWh of electricity in year one, equivalent to 64,343 EV miles, saving 3.6 tCO2e.

Locations include the iconic Silverstone racetrack, Bentley Motors, JLR, Five Rivers Health & Wellbeing Centre in Wiltshire, Surrey County Council and NHS Raigmore Hospital in the Scottish Highlands.

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## **Equal Opportunities**

3ti is an equal opportunities employer. We want to build an inclusive, diverse team and welcome applications from all qualified persons.