

Electrical Engineer



Helston, Cornwall, UK



Permanent, full time



Starting ASAP



Competitive Salary

ABOUT US

Goonhilly (Goonhilly Earth Station Ltd) enables the safe, sustainable, and secure use of space – keeping organisations connected and informed from Earth to the Moon and beyond.

As the world's first and most advanced commercial provider of lunar and deep space communications services, Goonhilly supports spacecraft operating beyond geostationary orbit for organisations including ESA and Intuitive Machines. Goonhilly also provides state-of-the-art RF Space Domain Awareness (SDA) and assured satcom services for national security organisations.

Its sister company, COMSAT, provides commercial satcom services, with both brands sharing operational sites in the US and UK. Both companies also offer secure and reliable data centre services.

Our company values are **TRUST**, **EXCELLENCE**, **COLLABORATION**, and **CURIOSITY**.

THE OPPORTUNITY

We are looking for a skilled electrical engineer to join our team. The role involves designing, installing, developing, and maintaining electrical systems and equipment for our site and assets, making sure everything runs safely, efficiently, and reliably to support operations and ongoing improvements.

Key Responsibilities Include:

- Design, specify, install, test, and maintain electrical systems and equipment.
- Conduct fault-finding, diagnostics, and repairs to minimise downtime and service impact.
- Interpret electrical schematics, wiring diagrams, and technical documentation.
- Support commissioning, decommissioning, and system upgrades.
- Ensure electrical systems operate safely and efficiently in line with operational needs.
- Conduct planned preventative maintenance and reactive maintenance activities.
- Identify and implement improvements to system reliability and efficiency.
- Support root cause analysis of electrical failures and incidents.
- Maintain accurate maintenance records and technical documentation.
- Ensure all electrical work complies with current legislation, regulations, and standards.
- Conduct risk assessments and follow safe systems of work.
- Support audits, inspections, and compliance activities.
- Promote and maintain a strong safety culture.
- Consulting with third-party companies when required.
- Willingness to Participate in a shared 24 hour on call rota.

KEY SKILLS REQUIRED FOR THIS ROLE

Essential:

- Degree, or relevant professional electrical qualifications – BS7671/18th Edition
- 5+ years' experience in electrical installation and maintenance.
- Proven HVAC installation and maintenance.
- Ability to read and interpret electrical drawings and schematics.
- Good problem-solving and analytical skills.
- Strong attention to detail and documentation skills.
- Ability to work independently and as part of a multidisciplinary team.
- Full UK driving licence.

Desirable:

- MEWP Registered
- Telehandler Registered
- Experience supporting antenna systems, RF facilities, or ground station environments.
- Experience with control systems, motors, or electro-mechanical equipment.
- Experience with fire alarm installation and maintenance.
- Experience with PV solar arrays, inverters and wind turbines.

WHAT YOU CAN EXPECT FROM US

- Competitive Salary
- Holiday - 25 days plus bank holidays
- Life Assurance
- Private Medical Cover
- Private Dental Cover
- Company Pension Scheme
- Enhanced Family Friendly Cover

We are an equal opportunities employer and are committed to ensuring that our workplace and employment practices are free from discrimination, harassment, or victimisation on the grounds of race, gender, married or civil partner status, pregnancy and maternity, sexual orientation, trans status, disability, religion or belief, and age. We encourage applicants from a wide range of background and with different identities and experiences to apply for roles with Goonhilly.

HOW TO APPLY

Please send your CV to recruitment@goonhilly.org. When submitting, please tell us how your knowledge, experience, skills, and abilities meet the requirements for our role.

Application closing date: 13th May 2026

Please note that positions at Goonhilly are subject to pre-employment checks.