

## *Electromechanical 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 seek a skilled electromechanical engineer to become part of our team. This position involves designing, developing, and maintaining on-site electro-mechanical systems and equipment, making sure they function safely, efficiently, and reliably to meet operational needs and foster ongoing improvement.

## ***Key Responsibilities Include:***

- Design, assemble, install, test, and maintain electro-mechanical systems and equipment, including gearboxes and actuators.
- Diagnose breakdown of electrical, mechanical, hydraulic, refrigerants and pneumatic systems and carry out effective repairs.
- Interpret electrical schematics, wiring diagrams, mechanical drawings, and technical documentation.
- Support commissioning and decommissioning of equipment and systems.
- Propose improvements to systems and procedures to help enhance reliability and efficiency of existing systems.
- Contribute to engineering change processes and system upgrades.
- Maintain accurate records, maintenance logs, and technical documentation.
- Work in accordance with Health & Safety legislation, risk assessments, and safe systems of work.
- Provide guidance and coaching across disciplines. Mentor apprentices, clarifying their roles and development in the business.
- 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 qualifications
- 3yrs + experience in an engineering environment taking responsibility for efficient operation of plant and machinery.
- Ability to read and interpret electrical and mechanical drawings.
- Engineering/Technician qualifications. (BTEC, city and guilds etc)
- Experience of maintenance and repair of mechanical systems.
- Ability to work independently or as part of a small team.

- Experience with single and three-phase AC motors, DC motors, actuator and positioning systems such as screw jacks, and air handling units.
- Full UK driving licence

Desirable:

Experience in:

- hydraulic pumps
- Lifting and handling of heavy loads
- Compressors
- PLC programming and operation
- Trained in working at height – safe access.
- Experience supporting antenna systems, RF facilities, or ground station environments.

## ***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](mailto:recruitment@goonhilly.org). When submitting, please tell us how your knowledge, experience, skills, and abilities meet the requirements for our role.

**Application closing date: 6<sup>th</sup> May 2026**

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