



Job Title: NDT Electronic Engineer, Multi-Skilled (Electrical/Electronic Bias)

Reports to: Technical Director / Principal Electronic Engineer

Location: Jarrow (NE32)

Eligibility: Must live and be eligible to work in the UK

Company:

This is not a typical maintenance engineering role.

NDTE is the UK's leading specialist in the service, repair, calibration and commissioning of industrial radiography and NDT systems. Our equipment is used in nuclear, food, security, research, and heavy industrial sectors. You will work on systems most engineers never get near.

We are looking for a technically sharp, practical engineer with a strong electrical and electronic background who enjoys fault-finding complex systems and takes pride in doing things properly.

NDTE has been trading for more than 35 years. We invest in our people, promote professional development, and look after those who look after our customers.

Part of the role will require supporting colleagues who may be working from our sister company sites.

Division Vision:

To be the go-to trusted partner for radiography inspection solutions, systems and sources.

Division Mission:

To help customers stay in production, safe and compliant.

Role:

You will diagnose, repair, calibrate and commission electrical, electronic and electromechanical systems across our workshop and on client sites. You will support colleagues across the Radiography Division (NDTE, Gilligan Engineering Services, Metrix NDT) and provide technical input to sales and operations.

This is a varied, hands-on position with genuine exposure to specialist technology and a team that values your technical judgement.

Person:

You are a practical engineer with high personal standards and a strong safety-first mindset. You take pride in doing things properly, even when no one is watching.

You will:

- Have a genuine interest in electronics and electromechanical systems, with a desire to develop skills in functional safety.
- Be organised, punctual and able to work to tight deadlines.
- Be comfortable working autonomously and as part of a team.
- Communicate confidently and professionally with customers and colleagues.
- Remain calm and logical under pressure, prioritising tasks effectively.
- Speak up when something is not right, including near misses or mistakes.
- Understand the importance of accurate, timely documentation.
- Be proactive, self-motivated and capable of managing your own time.
- Be willing to get hands-on and not shy away from hard work.

Main Duties & Responsibilities

- Diagnose, fault-find, repair, test and commission electrical, electronic and electromechanical systems in workshop and on client sites.
- Ensure the safe operation of X-ray and gamma equipment used in radiography.
- Diagnose, repair and calibrate instrumentation and control systems.
- Perform planned preventative and routine maintenance on equipment.
- Produce accurate risk assessments, reports, certification and technical documentation.
- Identify potential regulatory breaches and report findings to line management.
- Provide technical input to sales to ensure correct solutions are specified and quoted.
- Support continuous improvement by feeding back technical observations and suggestions.
- Attend client sites as required and act as a professional ambassador for the business.
- Assist other departments and Group companies when required.
- Contribute to streamlining processes and procedures.

Experiences & Qualifications

Essential

- BEng or equivalent, or HNC with relevant experience.
- Proven experience in industrial machinery maintenance and/or installation.
- Experience maintaining and/or commissioning machinery control systems.
- Experience with PLC-based systems, including software diagnostics.



- Competent in cable installation, termination and wiring of devices and components.
- Experience stripping, cleaning and reassembling mechanical assemblies.
- Ability to fault-find to device and PCB level.
- Ability to read and interpret engineering drawings and schematics.
- Experience with industrial software packages and connectivity devices.
- IT literate, including email, MS Word and Excel.
- Relevant engineering or electrical training, for example an apprenticeship.
- Full UK manual driving licence.
- Ability to pass security clearance.
- Ability to provide a continuous 5-year work history with no gaps greater than 28 days.

Desirable

Functional safety knowledge and experience.
Soldering and board level fault-finding and diagnostics.
Electrical installation and/or testing qualification.
Multi-disciplinary with mechanical or fitting experience.

Package

£38,000 to £48,000 depending on experience.
32 days holiday including statutory (increasing with service).
Fully expensed travel.
Full product and safety training provided.
A stable, long-established business that invests in its people.

How to Apply

Send your CV to careers@fairleygunngroup.com. No covering letter required. Include a brief note of no more than five sentences on why this type of work interests you and what relevant experience you bring.

We look forward to hearing from you.

Recruitment Agency Notice

We are not accepting unsolicited CVs from suppliers we have not appointed in writing. We explicitly reserve the right to add candidate details from unsolicited CVs to our own candidate database and to pursue/hire such candidate(s) without any obligation, financial or otherwise, to the agency concerned.