



LTE SCIENTIFIC LTD

Greenbridge Lane
Greenfield
Oldham
OL3 7EN
United Kingdom

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E: info@lte-scientific.co.uk

Job Description

Job Title: Electrical Design Engineer
Department: Technical
Responsible to: Technical Manager

LTE Scientific is a leading UK-based manufacturer of autoclaves and laboratory equipment for use in the healthcare, research, education, and pharmaceutical sectors. LTE Scientific has been established over 75 years, operating from its headquarters in Oldham, Greater Manchester.

Role Overview

Working Hours: Monday - Friday, 37 Hours per week

Holidays: 33 Days + Exc. Benefits

We are looking to employ a motivated and enthusiastic Electrical Design Engineer to join our busy Technical Department. The ideal candidate will be a self-starter, capable of developing new ideas from concept through into production. The ideal candidate must have the ability to work both on their own and as part of a multi-disciplined R&D team. Key responsibilities will include:

- Designing products from concept through to production release to a given specification, agreed timescales and to LTE's Quality Management System (QMS)
- Work within a multi-disciplined development team environment and use your own initiative to achieve the project requirements
- Electrical schematic layout designs
- Generate detailed technical documentation (Drawings, BOMs, manuals, etc.)
- Generate comprehensive component specifications and designs
- Reduce product costs by re-designing existing products
- Assist production/service engineers when requested
- Collaborate fully with production engineering on new product launch
- Design testing criteria
- Produce ECN's for design updates or changes



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The typical workload for the first 12 months will be to familiarize yourself with LTE products by updating the existing schematics, working through ECNs, and changing obsolete parts while working with other engineers and the shopfloor staff. After this initial period, you will be redesigning LTE's products based on what you have learnt and applying new electrical design principles.

Necessary Requirements:

- Proven previous electrical design experience (5+ years) in a similar role
- Fully competent to read and interpret electrical drawings/schematics and produce electrical design calculations
- The ability and willingness to work 'hands on' to assist fault finding on electrical systems
- Working industry knowledge of AutoCAD LT and/or Draftsight with the ability to create/edit electrical schematics
- Understanding & knowledge of PLC systems
- Minimum HNC qualification in an Electrical Engineering discipline
- Excellent communication and problem-solving skills while working with other LTE departments
- Microsoft Office – Word, Excel, PowerPoint, Outlook

Desirable Knowledge:

- Working industry knowledge of Zuken E3.series Electrical Design Software
- Working to codes & standards like BS7671, EN61010, Electrical Safety Standards, EMC Directive, ISO 9001 etc

Benefits:

- Generous company pension after qualifying period
- Private healthcare and other company benefits after qualifying period

Applications should be sent to:

Jonathan Lee – Technical Manager

j.lee@lte-scientific.co.uk

No agencies please.