



Role Specification – Commissioning Engineer

The PCE GROUP of Companies provide cutting edge automated solutions to global markets, spanning a variety of industry sectors, including Medical/Ocular and Pharmaceutical.

With over 40 years' experience in providing bespoke turnkey automation, ranging from stand-alone machines to fully integrated high throughput cells. We pride ourselves on being able to offer our customers the complete in-house solution - from design to delivery.

Role

We are seeking a practical and methodically minded engineer who can form part of dedicate team whose primary focus is to transition our automated equipment from a completion of build stage through to a point where it is ready for customer inspection and sign-off.

This stage is typically known as the commissioning phase of a projects life cycle which can often present a variety of challenges that are especially prevalent when building bespoke equipment to satisfy our diverse customer base.

To overcome these often-unique challenges, we need our team to be well versed in a magnitude of skills and function as a whole such that in collaboration, the solutions necessary to succeed can be developed.

Responsibilities

The following list is an indication of the responsibilities of the role, which the post holder will be expected to undertake. The list is not exhaustive and is intended as guidance only.

- Perform testing of electrical and pneumatic control circuits.
- Conduct mechanical adjustments to assemblies to optimise performance.
- Fault finding and operational assessment of mechanisms both in isolation and in complex form.
- Modifying systems through electrical, mechanical or software means to enhance performance.
- Identify opportunities to improve a system with a view to presenting these to other team members.
- Perform tests, using structured processes, to build a defined understanding of a mechanism's limitations.
- Record test results in suitable manner such that they can be used to support the necessity/direction of further work.
- Ensure records of all modifications are documented correctly.
- Provide proactive feedback to project team to enable project progress to be determined.
- Participate in internal design reviews on existing or potential projects.

Registered Office:

PCE Automation Ltd, Ellough Road, Beccles, Suffolk, NR34 7TE, UK

VAT Registration No. GB 318 6588 67

Registered in England No: 3801408 EORI: GB 318 6588 67 000

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Requirements

The following list is an indication of the skills that the successful candidate will possess, in fulfilment of the position.

- Relevant vocational training or completion of a recognised apprenticeship in electrical and or mechanical discipline.
- Proven electrical, pneumatic, and mechanical experience within the automation industry.
- Ability to follow electrical and pneumatic schematic diagrams and drawings.
- Programming experience of (Mitsubishi, B&R, Festo and Allen Bradley) PLC's/HMIs.
- In depth knowledge of Motion Control and 6 Axis Robot systems.
- Knowledge of script-based programming would be an advantage.
- Comprehensive knowledge of diagnostics, test and repair of electronic/electrical, pneumatic and mechanical systems.
- Thorough knowledge of safety procedures and applicable regulations and guidelines.
- Excellent critical thinking and problem-solving ability.
- The ability to work on your own initiative from an outline brief.
- Ability to work under pressure to meet deadlines.
- Excellent verbal and written communication skills.
- Proficient in the use of Microsoft Office tools (Word, Excel, PowerPoint).

How to apply

Applicants must apply in writing, submitting a covering letter and full CV to our HR Department.
HR Advisor Laura Head l.head@pce-group.co.uk

Registered Office:

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