

## Industrial Control System Design Engineer

£38,000 - £42,000 + Contribution Pension

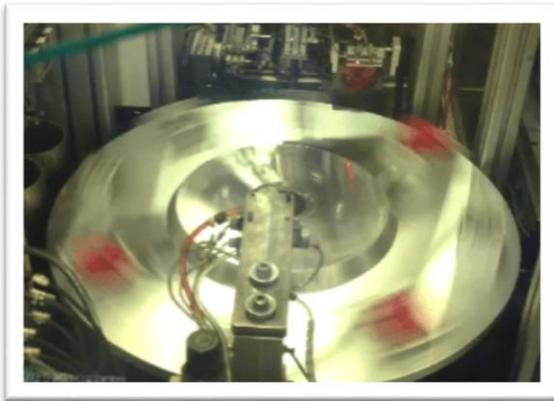
27 Days Annual Leave + Bank Holidays

(No Agencies Please)

Are you a self-motivated and experienced Control System Design Engineer interested in joining a small dynamic team providing engineered solutions to the production requirements of UK industry?

On offer is a position with a growing business, based on the edge of the Staffordshire Moorlands with an ethos of healthy work and healthy home. You will get to take projects from conception all the way through to a fully worked solution delivered to the customer.

The projects will cover a range of industries, types of machinery and a mixture of electrical, control and mechanical systems. As a company we provide;



- Assistance to customers during machinery breakdown.
- Refurbishment or upgrade of existing machinery. This can be a simple PLC replacement through to the bespoke remanufacture of an item of machinery and can include the replacement of the control system along with a redesign of items of the mechanics using our Inventor 3D CAD software.
- Design and manufacture of control systems for OEM customers. This will often include conceptual development with the OEM before the complete design and manufacture of the control system, including control panel, PLC, HMI & Drive software design and commissioning.

- Design and manufacture of bespoke industrial machinery. Often the customer will have a concept idea of how they can improve their production environment but require the design and development of machinery to achieve their aims. We will then fully design and manufacture the entire item of machinery; mechanical, electrical and control.



Being based near to the city of Stoke-on-Trent, The Potteries, a number of projects will be based around manufacturing systems for ceramic

tableware; from clay preparation, through forming, drying, firing and decorating. We do however provide solutions to many other industries including waste water, aerospace, automotive and many more.

### The Role

The role will predominantly be the design and commissioning of control systems. Being a small and dynamic company the right candidate will be happy to turn their hand to a range of tasks as is required to provide the very best solutions to our customers. We are a Lenze Performance Partner for Systems Integration and as such Lenze products feature in a number of our projects. It would be an advantage to be familiar with the Lenze products but full training will be provided to adapt existing knowledge of other manufacturers of drives and controls will be given to the successful candidate. We also work closely with Mitsubishi and actively offer solutions based on Siemens and Rockwell products. In addition to these

manufacturers we are open to working with other manufacturers controls on a project by project basis so experience beyond those manufacturers will also be helpful. All of our projects currently start life in a UK company, however some of our customers export their products around the world and it is occasionally necessary to travel internationally for final commissioning.

## The Person

The right person for the role will be experience in industrial control system design and development but will also be adaptable to varying situations and equipment to give our varied customers the very best solutions. As previously mentioned, we work with a number of automation equipment manufacturers and each project is likely to be using a different manufacture to the previous. The key manufacturers are Lenze, Mitsubishi, Siemens and Allen Bradley, however, experience with other manufacturers is helpful providing you are able to take concepts and have the ability to translate these to new situations. The Lenze PLC environment is based on CODESYS, used by Beckhoff, WAGO and many other, so experience of another CODESYS environment will be helpful if you do not have direct experience of the Lenze PLC.

## Application

To apply for the post please forward a covering letter detailing how you fit the requirements of the role, along with your CV to [jobs@cornfieldeng.co.uk](mailto:jobs@cornfieldeng.co.uk). Closing Date 5<sup>th</sup> September 2019.

