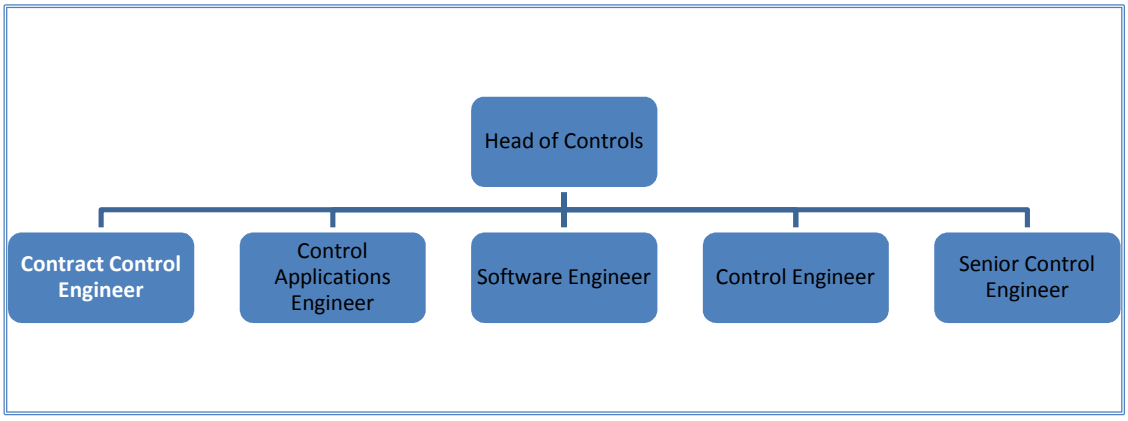
Job Description

Job Title:	**3x Contract Control Engineer**
Duration:	**3 month fixed-term contract**
Reports to:	**Head of Controls**
Direct reports:	**None**
Budgetary Responsibility:	**None**

Organogram:



Purpose of the Job

- To deliver control software in the form of autocoded Matlab models and automated testing of same
- To support the interactions between the Control Team and the wider Product Engineering function as needed through software calibration, technical support to the test team, requirements capture, and software documentation.

Key Accountabilities

- Deliver working, calibrated autocoded Matlab models of required functionality for release into a high volume manufacturing environment
- Prepare and extend automated test suites for required functionality
- Prepare appropriate supporting documentation
- Work with test team to ensure target performance and correct operation of the software
- Interface with the Product Engineering Team as needed
- Identify behavioral trends of the system and how the system can be improved as needed
- Delivering technical support for embedded software to the Product Engineering Team

Key Results Areas – to do

- Deliver high quality software
- Assist in development of product diagnostics and performance strategy
- Integrate into team by providing technical review of other

Internal & External Relationships

- Work closely with the rest of the software team and the control & electronics group as a whole
- Regular contact with system engineers to determine control strategy requirements
- Regular contact with the product test team to provide technical support, capture new feature requests and bug fixes.

Knowledge, Skills and Experience

Required experience/qualifications:

- At least Degree Qualified in a relevant discipline (e.g. Engineering Science, Electronics, Mechanical Engineering etc)
- At least 4 years of relevant industrial experience

Required skills:

- Basic classical control design techniques
- Designing of systems in Matlab/Simulink
- An understanding of programming in a high level language (e.g. Matlab/Simulink, VisualBasic, C/C++) within an embedded environment and the associated software development life cycle
- Embedded software development
- An understanding of physical systems (e.g. thermal or fluids)

Desirable:

- Sensors, actuators and instrumentation
- Knowledge of Matlab/Simulink in an autocoding environment
- Understanding of basic electronics

Remuneration

The ideal candidate will receive a competitive salary.

To apply

Please send a full CV detailing relevant experience together with details of current remuneration package and any conflict of interest you may have to: recruitment@cerespower.com or Ceres Power Ltd, Unit 18 Denvale Trade Park, Haslett Avenue East, Crawley, West Sussex, RH10 1SS www.cerespower.com