**Controls Engineer**

Texas Instruments (UK) Ltd. in Greenock is part of a $14 Billion global semiconductor manufacturing, assembly and test organisation with more than 18,000 employees on five continents.

We are currently recruiting for the position of a Controls Engineer.

The ideal candidate will have the relevant experience and the ability to thrive in a high tech, fast paced, dynamic environment. Expert knowledge of controls and SCADA (HMI) systems is required as it relates to a Building Management System (BMS. Proficiency in programming PLCs is needed. This engineer must understand communication networks and be experienced in the application of controls and instrumentation to a variety of process systems (Chilled Water, Hot Water, Steam Boilers, Supply Air, Life Safety Systems, etc.).

**Overview of the Position**

A vacancy has arisen for a Controls Engineer with responsibilities that include:

* Overall system design, performance monitoring, reliability implementation, project design and execution
* Project Management - Management of controls projects
* Training, problem solving, cost estimating, financial management, and system documentation
* Teaming with other engineering disciplines, finance personnel, management, internal customers, and suppliers to ensure projects and systems are cost effective and meet the desired design criteria while adhering to budget and schedule guidelines.
* Develop, communicate and document sequence of operations and design intent to others requiring information to complete the project scope.
* Provide capacity/demand analysis of controls and gas monitoring systems and plan to support growth when required.
* Proficient in the use of SCADA systems to monitor and control site infrastructure systems.
* Understand program logic and modify and develop SCADA screens.
* Ability to terminate instrumentation to a controller and perform calibration through the program interface. Understand zero, span and PID loop control parameters.
* Maintain, troubleshoot and repair control systems, instrumentation and monitoring equipment including a variety of flow, pressure, temperature, pH, water quality, gas detection monitoring equipment and building management / SCADA systems
* Troubleshoot and program programmable logic control systems including PLC hardware, Supervisory Control and Data Acquisition (SCADA) systems and I/O interface modules.
* Duties also include interfacing with outside service providers, and assisting with maintenance activities as needed
* Ensure a safe work environment is a top priority,
* Strong advocate of team involvement as it pertains to system performance; i.e.; involve facilities system engineers, maintenance technicians and operators in day to day operational and performance process.

You will receive day-to-day guidance from the Facilities Operations and Maintenance Manager and necessary training on existing and new systems. You will be expected to deal with problem situations as they occur in addition to carrying out pro-active maintenance and ensuring that all relevant documentation is completed and updated

You will be expected to communicate with engineers, managers and external vendors to resolve problems and to provide guidance to TI personnel.

**Qualifications/Experience**

Candidates will be degree qualified in controls and instrumentation.

Experience of Siemens Desigo PX,BMS, Honeywell and Allen Bradley systems would be advantageous but not essential.

## Benefits/Conditions of Employment

In these position candidates will work a 40 hour week, 08:30-17:00, Monday - Friday.

It will offer the following benefits:

1. Annual holiday entitlement will be 33 days
2. TI (UK) Ltd. Group Personal Pension Plan
3. Private Health Care Plan
4. Profit Share Bonus Scheme
5. On-site Gym facility