**POSITION DESCRIPTION**

**Job Title:** Controls Engineer **Date:** 2/4/21

**Department:** Engineering

**POSITION SUMMARY**

Provide controls engineering support to the manufacturing areas that will provide Sony DADC with the systems tools and technological support that addresses quality improvement, operating cost reduction, yield increase, downtime reduction and data acquisition/reporting.

**POSITION RESPONSIBILITIES**

* Prioritize and complete controls engineering projects by the critical deadlines to ensure annually planned and strategic goals are met.
* Conceive, develop, and carry out projects that will improve quality, reduce operating costs, increase yield and reduce downtime.
* Be in constant contact with the Sony team in Japan to keep equipment up to date and running with the latest software updates.
* Independently work with Sony Japan team for development / modification of software to improve process.
* Design new equipment and machinery as conceived to support the in-house needs of both production and process engineering.
* Conceptualize, source, evaluate, qualify, test, and install purchased equipment.
* Modify and/or integrate existing equipment in order to improve processes in a manner consistent with the business needs of Sony DADC.
* Introduce cost effective current and new technologies into the manufacturing process.
* Provide technical direction and training to the technician staff.
* Monitor and analyze the key performance parameters.
* Identify areas in which improvement would be optimally beneficial to Sony DADC and determine the impact of successful implementation.
* Implement solutions that satisfy the key improvement criteria.
* Apply analytical, evaluative, and constructive expertise to solve critical process problems.
* Prioritize and manage several concurrent projects.

**QUALIFICATIONS FOR POSITION**

* Bachelor’s degree in Engineering or related area.
* Demonstrated competence in the following areas
  + Must have a strong understanding of PLSC ladder logic, or willing to learn. Preferable Mitsubishi PLC’s.
  + Must understand HMI software, or willing to learn. Preferable Proface and Mitsubishi.
  + Must have a good concept of how servo’s work. Knowledge of Mitsubishi Motion CPU’s would be preferred.
  + Must have Wonderware Intouch experience.
  + Some experience with VB.net. Being able to build data-centric applications.
  + GP Proface HMI experience is preferred.
  + Oracle database experience is preferred.
* Organizational skills.
* Troubleshooting skills.
* Communication skills (both written and oral).
* Process improvement and design skills.
* Decision making skills.
* Project management skills

# RELATIONSHIPS AND CONTACTS

**Internal:**

Reports to: Manager, Process Engineering

**External:**

**DISCLAIMER**

The above statements are intended to describe the essential elements, general nature, and level of work being performed by people assigned to this classification.  They should not be construed as an exhaustive list of all responsibilities, duties, and skills required of such classified personnel.