Mechanical Senior Engineer

Education: Bachelor Degree in Mechanical Engineering from an ABET-accredited university, pursuing professional registration is desirable.

Experience: Five (5) to eight (8) years of experience in food & beverage process systems design, packaging systems design and/or material handling design. Candidate must be knowledgeable of sanitary equipment and piping design requirements. Candidate must be computer literate. Computer aided design (CAD) experience is desirable.

Duties: This position reports administratively to an Engineering Manager and is functionally assigned to a Project Manager. The Mechanical Senior Engineer will provide engineering expertise to the Project Engineers and Design Engineers, and will make sure that the project is technically sound, on schedule, and within cost.

In addition to the above, the Mechanical Senior Engineer's duties will include but are not limited to:

- Preparing feasibility studies and equipment comparisons;
- Research process requirements and develop design basis documentation;
- Manage vendor selection and equipment procurement;
- Develop equipment and service specifications, Issue For Bid (IFB) and Issue For Construction (IFC) packages;
- Point of contact for client, contractor and vendor communications;
- Support development of schedules for discipline related design, procurement, installation and start-up;
- Final design engineering support and system acceptance testing;
- Develop and issue installation documentation;
- Develop system start-up and commissioning documentation;
- Coordination with other discipline engineers, including process, structural, design and architectural;
- Coordinate project teams and construction crews and ensure all drawings are updated at completion of project.

Characteristics: The Mechanical Senior Engineer must have good personal habits, work well with others, be technically conscientious, be able to stay on task and complete work on schedule, be able to work independently as well as on a team, and promote the principles and professionalism of Polytron.