

## **POSITION DESCRIPTION**

<b><u>TITLE:</u></b>	Electrical Systems Engineer
<b><u>COMPANY:</u></b>	Company is involved with the design, installation and support of packaging equipment, mainly in the cosmetic and pharmaceutical industries.
<b><u>OFFICE LOCATION:</u></b>	Blacksburg, Virginia
<b><u>OVERVIEW:</u></b>	Self-motivated individual required for the design, installation and support of commercial and custom designed packaging equipment and robotics. Some travel will be necessary in the USA, Puerto Rico, and Canada.
<b><u>RESPONSIBILITIES:</u></b>	<p>Design electrical controls and schematics for automated packaging machinery including detailed drawings in AutoCAD format.</p> <p>Develop equipment line layouts (AutoCAD) and work with customers and suppliers to provide the most efficient installation.</p> <p>Expedite panel drawings and commercial parts that are required for machine electrical assembly. Work closely with vendors to insure timely delivery of all parts.</p> <p>Must be familiar with programming of Allen Bradley ControlLogix platform, HMI and servo motion control. Vision experience would be helpful.</p> <p>Work closely with manufacturing during the debug process to quickly solve any initial or ongoing problems with equipment.</p> <p>Experience with robotic programming and integration, specifically Fanuc is desired.</p> <p>Work with customers at their facility during the machine set-up and testing period to confirm proper machine functions. Update drawings and program as necessary to maintain accurate design files.</p>



## **EDUCATION AND EXPERIENCE:**

Minimum A.S. Degree Electrical Engineering

Good electrical design background, must work closely with manufacturing during the machine assembly period.

Ability to troubleshoot electrical control systems.

Good interpersonal skills required for customer relations.

Must also have the ability to work closely with equipment manufacturers and vendors to design successful systems and installations.

## **COMPENSATION AND BENEFITS:**

Base compensation will be competitive and reviewed annually. This will be based on successful performance and achievement of company objectives.

Health insurance and major medical is offered. Company contributions for savings and investment plan

Generous holiday and vacation schedule.

Please reply in confidence to Linda Browne at the following address:

ESS Technologies, Inc.

3160 State Street

Blacksburg, VA 24060

Phone: (540) 961-5716

Fax: (540) 961-5721

Email: [lbrowne@esstechnologies.com](mailto:lbrowne@esstechnologies.com)