

## Cristek Interconnects, Inc. Job Description

<b>Title:</b>	Senior Mfg/Process Engineer	<b>Reports to:</b>	Director of Performance Excellence
<b>Dept:</b>	Operations	<b>Class:</b>	Exempt
<b>Salary Range:</b>	Range: \$50,000/yr to \$80,000/yr		

---

### I. Major Purpose

Senior Mfg/Process Engineers are responsible for the development of new technologies for assembly and manufacturing. Developing and documenting repeatable, high quality processes. Conceptualizing, designing and documenting high quality technologies, processes and equipment that assist the operators in making consistent product with maximum value. Test, study and analyze current methods, determine needs of improvements, propose and implement improvements.

### II. Major Responsibilities

#### Value-Added Results

Manage and develop assembly processes insuring the highest quality of product through repeatable steps and imbedded process controls.

Manage and develop new equipment technologies and incorporate them to the production environment based upon budgetary, throughput and quality analysis and providing proposed solutions

Perform process capability studies such as SPC for quality, efficiency and cost issues, and apply measured, controlled process improvements as required

Direct involvement in Lean and/or Kaizen related improvement teams.

#### Performance Standards

Managing and validating documentation packages that minimizes variability and increases process controls through concurrent engineering design discussions.

Introducing new equipment technology, performing process control measurements. Validating the implementation by performing throughput, cost and quality output studies illustrating demonstrated improvement gains.

Report out on findings of studies prior to improvement and post improvement so that metrics can be monitored.

Work with the defined team to develop improvement plans. Execute the plan and report out on the results

### III. Basic Requirements:

- B.S. Degree in Engineering (Mechanical and/or Electrical) or equivalent industry experience
- Project Management skills and or Supervisory skills.
- Managerial or Team Leader Experience
- SPC experience
- Understanding of Mission Assurance and Space Grade assembly best practices
- Print reading, Design tolerances, Schematic reading, understanding of engineering specifications
- Must possess excellent written and verbal communication skills.
- Proficiency in MS Word and MS Excel. MS PowerPoint and MS Project a plus
- Must demonstrate the aptitude to learn and retain technical terms relative to products being procured.
- Must be neat, organized, and detail oriented.
- Must have superior analytical and problem solving skills.
- Must be flexible and able to prioritize and respond to a changing environment.
- Must be capable of sitting for long periods of time.
- Moderate lifting is required.

## **Cristek Interconnects, Inc. Job Description**

**Title:** Senior Mfg/Process Engineer  
**Dept:** Operations  
**Salary Range:** \$50,000/yr to \$80,000/yr  
**Range:**

**Reports to:** Director of Performance Excellence  
**Class:** Exempt

---

### **IV. Impact on the Organization**

A high level of integrity to the associated Manufacturing and Process Engineering

### **V. Work Relationships**

Sr. Mfg/Process Engineers will work with Design Engineers, Manufacturing Engineers, Process Engineers, All Manufacturing and production personnel, All Quality personnel, any other personnel involved in integrated improvement teams

### **VI. Supervision Required**

A minimal amount of supervision is required.

### **VII. Qualifications**

To perform this job successfully, an individual must be able to perform each essential duty as defined in section II satisfactorily. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

### **VIII. Language Skills**

Ability to speak, read and write English fluently. Ability to clearly and effectively present information to top management, suppliers, customers, and other employees as required. Spanish as a second language is a plus.

### **IX. Mathematical Skills**

Ability to perform basic addition, subtraction, multiplication, and division as well as percentages, fractions and ratios on occasion. Complex calculations associated with engineering formulas may be required.

### **X. Physical Demands**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. While performing the duties of this job, the employee is regularly required to sit; use hands or fingers to handle or feel; reach with hands and arms; and talk or hear. The employee is occasionally required to stand, walk and stoop, kneel, or crouch. The employee must occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, color acuity, and the ability to adjust focus