

# INDUSTRIAL ENGINEER TECHNICIAN



## JOB DESCRIPTION

**UTILIZE ENGINEERING KNOWLEDGE AND PRINCIPLES IN ORDER  
TO SOLVE PROBLEMS WITH PRODUCTION.**

## **TASKS:**

- Increase production by suggesting modifications to methods of operation, equipment layout, or how the material is handled.
- Determine the production rate by analyzing methods and speed of areas such as maintenance and production, intern increasing efficiency.
- Decipher drawings, diagrams, or formulas and discuss results with engineering staff.
- Review quality and production standards and suggest adjustments that would increase quality.
- Look at worker performance, machine capacity, production schedules, and expected delays in order to assist in planning work assignments.
- Evaluate worker's use of equipment to insure that it is being properly used.
- Organize various charts and diagrams to show workflow and other tasks.
- Study blueprints and manufacturers manuals to determine correct installation and operation of

## **OCCUPATION STATISTICS:**

### **AVERAGE ANNUAL SALARY:**

NATIONAL

ENTRY-LEVEL - **\$30,800**

MEDIAN - **\$46,800**

EXPERIENCED - **\$71,500**

PENNSYLVANIA

ENTRY-LEVEL - **\$30,890**

MEDIAN - **\$45,010**

EXPERIENCED - **\$52,070**

### **PROJECTED JOB GROWTH:**

NATIONAL - **+7%**

PENNSYLVANIA - **+10%**

SOURCES: [WWW.ONLINE.ONETCENTER.ORG](http://WWW.ONLINE.ONETCENTER.ORG)  
2010 WIA HPO LIST

## **IS INDUSTRIAL ENGINEERING TECHNICIANING RIGHT FOR YOU?**

### **ARE YOU:**

- Dependable?
- Detail oriented?
- Willing to take on challenges?
- Able to tolerate stress?
- Good at analyzing information?
- Are you open to change?

**FOR MORE INFORMATION VISIT:**

