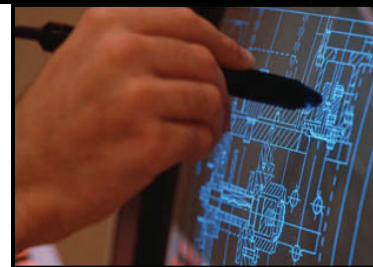


# INDUSTRIAL ENGINEER



## JOB DESCRIPTION

**DEVELOP SYSTEMS THAT MONITOR QUALITY CONTROL, INVENTORY CONTROL, AND OTHER PRODUCTION PROCESSES.**

## **TASKS:**

- Analyze test results, machine error messages, and information obtained from operators in order to diagnose equipment problems.
- Clean, lubricate, and adjust parts, equipment, and machinery.
- Cut and weld metal to repair broken metal parts, fabricate new parts, and assemble new equipment.
- Demonstrate equipment functions and features to machine operators.
- Disassemble machinery and equipment to remove parts and make repairs.
- Examine parts for defects such as breakage and excessive wear.
- Operate newly repaired machinery and equipment to verify the adequacy of repairs.
- Study blueprints and manufacturers manuals to determine correct installation and operation of machinery.

## **OCCUPATION STATISTICS:**

### **AVERAGE ANNUAL SALARY:**

NATIONAL

ENTRY-LEVEL - **\$48,800**

MEDIAN - **\$75,100**

EXPERIENCED - **\$109,200**

PENNSYLVANIA

ENTRY-LEVEL - **\$48,150**

MEDIAN - **\$70,640**

EXPERIENCED - **\$81,880**

### **PROJECTED JOB GROWTH:**

NATIONAL - **+14%**

PENNSYLVANIA - **+26%**

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

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

### **ARE YOU:**

- Dependable?
- Open to change?
- Creative?
- A good problem solver?
- Good at communicating with others?
- A leader?
- Detail oriented?

**FOR MORE INFORMATION VISIT:**

