

# Mechanical Engineer/Manufacturing Engineer



**Serv-I-Quip, Inc.**

127 Wallace Avenue, Downingtown PA 19335

**Compensation**                \$60,000.00 - \$90,000.00 + Bonus - based on experience

**Benefits Offered**            401K - company match, Medical, Dental, Vision & Life/Disability Insurance

**Why work here?**

*“Growing and successful company, an Engineering Solutions Provider and leader specialized in its field of Fluid Fill and Testing solutions”*

## **Company Description**

Serv-I-Quip, Inc. is a well-established industry leader in the design and manufacture of advanced, assembly line process equipment for the Appliance, HVAC, and Vehicle manufacturing industries. We are located in Downingtown, PA; offer a small company environment, a rewarding and diverse work experience, and the security of larger company benefits. We have been in business since 1981, are well capitalized, and are looking to expand our products and capabilities.

## **Job Description**

**Mechanical Engineer** - This position will be responsible for developing project requirements and objectives, input to process and machine design, mechanical and testing requirements, installation-start up and service requirements for a diverse line of assembly line process equipment manufactured by Serv-I-Quip, Inc.

***Basically, a mechanical engineering/design position that enables the right individual to operate as a key team member in Equipment build projects for continued customer success!***

***Someone that is hands on, thrives on the challenge of large scale installs and can become a valued member of our engineering team as our growth continues!***

## **Job Requirements and Experience**

- B.S. in Mechanical Engineering or Electro-Mechanical Engineering
- Experience in mechanical design and build projects, an established manufacturing engineer
- Use of SolidWorks and/or other design drawing application competency
- Tooling design and related project management experience a plus
- Good communication and team dynamics skills
- Some travel required/expected to customer locations – max 15% time

If you are looking for a professionally rewarding work environment and a company that values its employees and is looking for future engineering/management talent, please contact:

**Spencer Deane**

**CEO**

**Serv-I-Quip, Inc.**

*An Engineering Solutions Provider*

Cell: 610-517-0798

Office: 610-873-7010 x126



Visit us at [www.siginc.com](http://www.siginc.com)

### **Some Recent Customer Solutions – designed, built and installed**

Our **Vehicle fill** customers include Automotive transplants, Truck, Construction, Recreation and Military vehicle manufacturers.

## Vehicle / Tier One Manufacturing Industries

*Customer solutions recently provided*

### Air Conditioner Fill Systems

*Evacuate, leak test, fill, and performance test*



### Coolant Fill Systems

*Pressurize, pressure test, evacuate, mix and fill*



### Brake Fill Systems

*Evacuate, leak test, modulate ABS, and fill*



### Power Steering and Clutch Fill Systems

*Evacuate, leak test, fill, and level adjust*



### Transmission, Engine Oil and Axle Fill Systems

*Volume fill, level sense, and level adjust environments*



### Diesel Fuel / DEF Fill Systems

*Volume fill and fuel pump primer*



### Multi Fluid and Custom Fill Systems

*Multiple fluid fill options available at the engine, transmission and coolant fill stations*



### Test Systems

*Critical component, hydraulic, and air system test equipment*

- A/C Performance Test Equipment
- Hydraulic and Coolant System Test Equipment
- Electrical Function Test Equipment
- Air Brake Test Equipment



### Hydrocarbon Refrigerants Fill Systems

*Charging and fill of HFO refrigerants with designs to extend to multiple refrigerant fill applications*



*Partnering to design, retrofit and transition across to hydrocarbon, HFO/HFC and other A2L refrigerants*

**HVAC/Appliance customers** include the leading US manufacturers of refrigerators, air conditioners, heat pumps, commercial systems, chillers, water coolers, vending machines, ice machines, commercial display cases, transport refrigeration and drink dispensers.

# APPLIANCE AND HVAC INDUSTRIES

## Customer Solutions Recently Provided

### Refrigerant Charging Systems

Vacuum check and refrigerant charging systems to fit a variety of manufacturing environments

- Single Point Processing Station
- Custom Refrigerant Charging Applications
- Cylinder Scale systems
- Refrigerant Pumping systems



### Leak Testing Systems

Automated stations that administer pressure, flow, vacuum, and helium leak testing

- Leak Test Stations and Custom Applications
- Helium Recovery and Recycling



### Evacuation Systems

Ability to evacuate and monitor multiple units simultaneously and reduce the number of charge stations required



### Electrical Safety and Performance Systems

Complete safety, operation and performance testing of manufactured products

- Appliance Testing systems
- Residential/Light Commercial Testing systems
- Commercial Testing systems



### Refrigerant Recovery, Reclamation and Supply Systems

Automated refrigerant recovery and reclamation from repair areas, sample charging, production line venting and laboratory testing

- High Pressure Refrigerant Reclamation systems
- Low Pressure Refrigerant Reclamation systems
- Refrigerant Tank Scales and Pumping systems



### Plant Wide System Solutions

Full line installation of charging, testing, evacuation, safety/performance and recovery systems



### Hydrocarbon Management Systems

Capable of charging Fluorocarbon or Hydrocarbon refrigerants with designs to extend to multiple refrigerant fill applications

- Charging Equipment
- Containment/Safety and Ventilation Equipment
- Reclamation system
- Leak Detection system



Partnering to design, retrofit and transition across to hydrocarbon, HFO/HFC and other A2L refrigerants