

Controls Engineer/Project Engineer

Serv-I-Quip, Inc.

127 Wallace Avenue, Downingtown PA 19335

Downingtown, PA, USA



Compensation \$70,000.00 - \$100,000.00 + 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

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

Basically, a Project Manager engineering position that enables the right individual to manage our design/build equipment projects from start to finish for continued customer success!

Someone that can hit the road running as a key player in our engineering team and can become a valued member of our overall management team as our growth continues!

Specific project components may include:

- On site evaluation and review of customer process and specifications
- Assist sales engineering team with project cost analysis and quotation preparation
- Evaluate process design and mechanical control requirements
- Develop project schedule by coordinating with Engineering Management, Production Manager, and Sales
- Create Bill of Material and input to Project drawings

- Assist with requirements and development of PLC and Visual Basic program for Data Acquisition component of equipment
- Confirm system and product quality by testing finished product, evaluating process design, and implementing changes to deliver most value add for customer
- Supervise run-off and customer acceptance of equipment at Serv-I-Quip location
- Assist with onsite start up and installation of equipment at Customer location
- Assist with operator training and maintenance training where necessary
- Interface with customer post installation for any troubleshooting and continued support

Job Requirements and Experience

B.S. in Electrical Engineering or Engineering Technology or Equivalent Experience

5+ years' experience in controls systems engineering

Active PLC Programming knowledge - Allen Bradley, Mitsubishi, Siemens

Analysis and design system skills, Project management experience

Good communication and team dynamics skills

Some travel required/expected – 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

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