



R&D Technical Engineer (Part-Time)
Cleveland, OH

COMPANY DESCRIPTION:

System Seals is a recognized leader in hydraulic seal technology - specializing in the design and manufacture of complete sealing system solutions. We deliver highly customized seals to meet the needs of every client in a wide range of industrial markets, including steel mills, hydraulic presses, injection molding, mining and more.

We are seeking a Part-time R&D Technical Engineer for our R&D office in Garfield Hts., Ohio. Flexible hours available M-F, between the hours of 8:00 A.M. and 5:00 P.M.

RESPONSIBILITIES:

- Run FEA simulations of experiments or applications (Solidworks)
- Design custom test stands using 3D modeling software
- Build/assemble custom test stands, modify as needed per testing requirements
- Install Data logging sensors on machinery (force, temperature, pressure, motion, etc.)
- Set up data logging, control and acquisition software; write block programming in DasyLab
- Perform application experiments under the direction of the R&D manager.
- Maintain application test stands, modify as needed.
- Perform mathematical and statistical analysis of data by hand and software]
- Perform engineering calculations
- Write or modify PLC code for application test machines
- Maintain a clean workspace including laboratory areas
- Assist lab technician as needed
- Edit or create drawings for test sample parts in AutoCAD
- Be comfortable working with hydraulic pressure, pneumatics, electricity
- Other research related duties as needed

REQUIREMENTS:

- Hold at least Associate degree in Mechanical Engineering or MET 2 year
- Possess a high attention to detail
- Demonstrate strong organizational and time management skills
- Be highly motivated and energetic
- Very handy (preferably with some plumbing/electrical/construction skills)
- Proficiency with Microsoft Office and Windows
- Proficiency using Matlab
- Possess strong analytical and mathematical skills
- Have good attention to detail
- Ability to learn quickly
- Comfortable with working with chemicals, grease, and oils

PHYSICAL REQUIREMENTS: Sit [60%], Stand [40%], Lift [up to 50 lbs.], Walk, Bend, Stoop, Reach, Push & Pull, as well as Finger/Hand dexterity

System Seals, Inc. is an EOE and offers a drug free work environment.

Qualified candidates, please submit your resume to Phyliss@systemseals.com.