



Job Title: Electrical/Mechanical Technician

Organization: Filter Sensing Technologies Inc

Location: Malden, MA

Founded in 2008 as an MIT spin-out company and headquartered in Cambridge, Massachusetts, Filter Sensing Technologies, Inc. (FST) is focused on developing advanced measurement and control technologies to meet today's most pressing challenges facing energy consumption and the environment. The company's technologies encompass on-vehicle sensors and controls, filter cleaning and reconditioning equipment, and advanced instrumentation and diagnostic systems. FST maintains a broad IP portfolio spanning these applications and works closely with OEM customers to develop custom sensing and control solutions to address currently unmet needs in the market.

FST's management team has extensive experience in the fields of engine and emission controls, lubricants and fuels, microwave sensing, and plasma physics, with prior success developing and licensing technologies to Fortune 500 companies in similar and related industries. The technical team is led by Dr. Alexander Sappok and Dr. Leslie Bromberg, who, combined hold over 50 patents covering a range of technologies related to energy efficiency and emissions reduction systems. To learn more, visit <http://www.dpfsensor.com/>.

Job Responsibilities:

- Mechanical fabrication and assembly of test systems
- Electrical wiring for low voltage circuits such as sensors and thermocouples
- Troubleshooting and diagnosis of electrical and mechanical systems
- Setup, repair, maintenance, and operation of diesel engines
- Basic computer operation for data collection and test system instrumentation
- Carry out experiments according to defined procedures
- Maintain stock room and parts inventory
- General maintenance & cleanup of shop

Job Requirement:

- Operation of basic shop tools and machinery
- Prior machining experience (manual mill/lathe) a plus
- Knowledgeable in the use of electrical diagnostic equipment
- Basic TIG welding of steel, stainless steel, and aluminum a plus
- Ability to read and follow technical instructions and procedures and create new written procedures for others
- Basic PC skills including MS Word and Excel

For further information please contact the offices of Career Services and Industry Partnerships:

| | | | |
|---------------|--------------|--|--------------------|
| Phyllis Molta | 617-588-1347 | pmolta@bfit.edu | Director |
| Emily LeFevre | 617-588-1338 | elefevre@bfit.edu | Associate Director |

- Computer programming skills a plus
- Creative and hands-on with good problem-solving skills

Interested applicants should ideally have:

- Associates or similar technical degree a plus but not required
- Experience with 2-5 years in a related technical field
- Demonstrated ability to troubleshoot basic electrical and mechanical systems

Located 4 miles from downtown Boston, within walking distance of Orange Line subway stop.

Interested candidates should submit resume and cover letter to: careers@dpsensor.com

Posted on: 08/6/15

Major: Mechanical Engineering Tech,
Electrical Tech

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