

Position Title: Electromechanical Engineer – **JC:** I0720EME0064

Position Location/Interview: Santa Clara, CA USA

Salaried: Full-Time

PDF Solutions, Inc. (NASDAQ: PDFS) is a leading provider of yield improvement technologies, services, systems and analytics for the IC manufacturing process life cycle. Headquartered in San Jose, Calif., PDF Solutions operates worldwide with additional offices in China, Europe, Japan, Korea and Taiwan.

Job Duties

- Design, specify, integrate, and test component on a new advanced SEM based platform including a high-speed high precision multi axis stage and power distribution systems. Set requirements for functional testing and unit testing.
- Integrate high precision laser interferometer position systems into an advanced SEM platform.
- Hands-on design, implementation and troubleshooting of high precision mechanical and electromechanical systems.
- Rapid prototyping and optimization of new hardware using CAD tools.
- See new component designs from conception to consumer ship ready.
- Convert 2D electrical schematics to 3D assemblies for design use.
- Write specifications and work with suppliers to develop high precision electromechanical system housings

Qualifications and Skills

- MS Degree in Mechanical Engineering, Electrical Engineering, Aerospace Engineering or related field
- 3 months of work experience to include working knowledge with geometric dimensioning and tolerancing, especially tight tolerances, solid modeling, preferably SolidWorks including Electrical, CFD and FEA tools

Qualified Applicants should submit their resume and salary requirements and refer to Job Code:

