



SEM Operator/Metallurgical Technician Job Opportunity

Stress Engineering Services, Inc. is presently seeking qualified applicants for a **Scanning Electron Microscope Operator / Metallurgical Technician** in its Houston office.

1. Minimum 10 years of hands-on experience doing metallurgical technician work on industrial equipment, including
 - a. Metallography
 - b. Hardness testing
 - c. Sectioning
 - d. Nondestructive testing
 - e. Photography & macrophotography
 - f. Stereomicroscopy
 - g. Dimensional measurements
 - h. Disassembly
 - i. Interfacing with subcontractors
2. Minimum 5 years hands-on experience performing scanning electron microscopy and energy dispersive X-ray spectroscopy on industrial components, including:
 - a. Sample preparation
 - b. EDS analysis
 - c. X-ray mapping
 - d. Optimizing image resolution
 - e. Performing routine maintenance on the equipment, such as cleaning, replacing filaments, updating software, filling the EDS dewar with liquid nitrogen, troubleshooting, and working with equipment manufacturers to repair problems and upgrade the system
 - f. Training other SEM/EDS operators
3. Willing and able to work one-on-one with internal and external clients
4. Excellent verbal and written communication skills
5. Will work with strong chemicals and may work off-site, including chemical plants and refineries. Moderate lifting will be required.
6. Normal work schedule will be Monday through Friday from 8 A.M. to 5 P.M. However, must be willing to work overtime as needed, sometimes with little advanced notice.
7. Someone with a good work ethic, timeliness, and attention to detail. Also, cooperative, industrious, and has a service-oriented personality with an interest in continued learning is preferred.

Interested applicants should forward their resume and cover letter to:

jobs@stress.com