

Job Title: Process Engineer – Entry Level  
Job Code: PE-NCG  
Location: San Marcos, CA  
Website: [www.varioscale.com](http://www.varioscale.com)



**Job Description:** As a member of Varioscale, you will join a team of engineers developing tools and technologies that contribute to the failure analysis efforts at the world's leading semiconductor manufacturers. You will become experienced with engineering tools that de-process semiconductor integrated circuits and analyze them with advanced microscopes, such as atomic force microscopy (AFM), optical, and scanning electron microscopy (SEM). Our core engineering technology covers laser chemical etching of integrated circuits, precision 3D mechanical milling of silicon and packaging material, and infrared and visible light based interferometric measurements. Your role will also include contributions to the development of new tools for semiconductor process verification and failure analysis, as well as system support for our tools at many of the worlds most advanced research institutions and semiconductor manufacturing companies. The candidate will be part of a small multidisciplinary team of chemical, electrical, and mechanical engineers and scientists, and must be able to communicate effectively through verbal and written documentation, accomplish goals in a matrix team environment, and be an effective problem solver at customer sites.

**Qualifications:** This is an entry level position, ideal for a new college graduate who wants to be hands on with tools and wants to work in a dynamic team that delivers cutting edge solutions. It is an opportunity to get a broad industry perspective and point your career toward a leadership role in a new technical area. The successful candidate should have:

- A university degree in an engineering or science discipline
- Experience working in a research laboratory focused on materials characterization, optics, or electronics testing.
- Experience with the operation of analytical equipment in a laboratory environment.
- Strong mechanical aptitude and logical thought processes as well as clear communication skills, both written and verbal.
- Knowledge of integrated circuit manufacturing on silicon wafers
- Familiarity with software applications such as Microsoft office.
- Desire and ability to travel up to 25% both domestically as well as internationally.

**Other:** US citizenship is required.

To apply send your resume to [jobs@varioscale.com](mailto:jobs@varioscale.com). Reference 'PE-NCG'

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