

Chemical Engineer sought by RadiaBeam Technologies, LLC in Santa Monica, CA (Los Angeles County).

Duties: Develop and execute new hardware-focused experiments. Conduct chemical and metallurgical analysis of new materials and processes. Conduct chemical processing and etching of ultra-high vacuum (UHV) and vacuum components. Assemble and qualify UHV components by utilizing controlled chemical processes. Collaborate with other engineers and scientists in assembly and validation of accelerator systems. Troubleshoot problems with chemical manufacturing processes. Utilize data analysis software such as Matlab. Monitor and analyze data from processes and experiments. Evaluate chemical equipment and processes to identify ways to optimize performance or to ensure compliance with safety and environmental regulations. Participate in scientific research.

Requirements: Master's degree or equivalent in Chemical Engineering, Materials Engineering or a related field, plus one (1) year of engineering, research or related experience, including some experience designing, developing, and monitoring experiments; performing materials testing; chemically processing various metals; performing metallography and characterization of metal samples; conducting SEM/EDX analysis; collecting, analyzing, and presenting scientific data to support research and/or engineering objectives.

Salary: \$92,082/year

Send resume to: Salime Boucher, CEO, 1735 Stewart Street, Suite A, Santa Monica, CA 90404; via email: boucher@radiabeam.com

GUIDANCE: Please ensure these entries of the Job Order are filled in as shown, if applicable:

Job Title:	Chemical Engineer
Experience Required:	1 year (12 months)
Training Required:	N/A
Education Required:	Master's degree or equivalent in Chemical Engineering, Materials Engineering or a related field
Number of Openings:	1
Job Start Date:	Start of posting
Job Listing Close Date:	32 days from start of posting
Rate of Pay:	\$92,082/year
Job Duties:	Please copy and paste <u>Duties & Requirements</u>, noted above.