



Job Title: Senior Coating Engineer

Bloom Energy is seeking a highly motivated Coating Engineer to join our team. The Coating Engineer will be an integral part of an interdisciplinary team to develop, improve and scale APS (air plasma sprayed) functional coatings for fuel cell components into high volume manufacturing.

Role & Responsibilities:

- Lead the technical leg of an interdisciplinary team to scale an air plasma sprayed (APS) coating process for high volume manufacturing
- Develop coating specifications, testing procedures, and qualification processes for APS coatings
- Develop the specification for the incoming powder, the coating process, specify the capital equipment, qualify the process for manufacturing, scale the process for high volume

Education & Experience:

- MS or PhD in Material Science, Chemical, or Mechanical Engineering
- Minimum 10 years experience after final degree
- Minimum 10 years experience in air plasma sprayed (APS) coatings
- Expertise in APS hardware, systems, and spray guns
- Exceptional analytical skills and attention to detail
- Proven ability to successfully manage multiple projects and meet deliverable deadlines amidst changing requirements, deadlines and priorities
- Ability to be creative, versatile, efficient and productive with minimal supervision or guidance
- Strong self-starter and team player with a can-do attitude
- Excellent communication (written and verbal) and interpersonal skills
- Experienced and supportive in using engineering development tools like Design of Experiment, Project Management and Phase Gate Process

About Bloom Energy:

Bloom Energy will make clean, reliable energy affordable for everyone in the world. Our technology, first developed for NASA's Mars Program, will dramatically change the way that the world's energy is produced, distributed and consumed. Bloom's unique on-site power generation systems are among the most efficient on the planet, providing significantly reduced operating costs and producing dramatically lower greenhouse gas emissions. Pioneering a new class of stationary fuel cells, Bloom is not just creating a new product or company; it is driving a whole new industry.

As one of Silicon Valley's most promising startups, Bloom was the first clean energy technology investment for Kleiner Perkins and NEA, two of Silicon Valley's most revered venture capital firms. The company has assembled a super-star board, experienced management team, and top-notch technical staff. Bloom Energy is growing quickly and is looking to add to its dynamic team.

Contact Information:

Candidates should contact Whitnie Low by email at whitnie.low@bloomenergy.com