Linde Advanced Material Technologies, formerly Praxair Surface Technologies, is a company that revolutionizes industries through innovative materials and surface coatings. We are leaders in advanced materials and offer metal powders, sputtering targets, and surface coatings that enhance performance across various sectors. Our strong focus on innovation is evident in our superior technologies for the aerospace, energy, semiconductor, automotive, and industrial industries.

Linde AMT is seeking an R&D Manager in Concord, NH.

The Research and Development Manager plans, organizes, and executes enhancements and improvements related to thermal spray coatings and equipment. The candidate will develop, and lead design of experiments (DOE’s) tailored to advance our technology and solve customer challenges. The R&D Manager will develop these new ideas, enhancements to existing equipment, coatings, and technologies, using input from internal and external customers to solve existing challenges and advance our technology. The R&D Manager will manage an engineering technician here in Concord, NH as well as work with the R&D staff at our headquarters in Indianapolis.

**Primary Responsibilities**

- Organize, execute, and document design of experiments to optimize thermal spray coatings and equipment
- Analyze thermal spray coating properties for interactions with DOE factors and/or for alignment to applicable coating / process specification(s)
- Work with internal and external customers to advance coatings and solve existing challenges related to thermal spray coatings and equipment
- Work with product managers and customers to help market and sell thermal spray equipment, parts wires, and powders
- Train both internal and external customers on the use of thermal spray equipment as it pertains to developing coatings and safe practices
- Work with R&D in Indianapolis to develop new powder formulas and processes to advance PSTs coating technology
- Design components as needed to accomplish a DOE goal and/or to enhance the performance of gun / system hardware
- Document developments and liaise with engineering to release products to manufacturing and customers
Domestic and international travel up to 15 to 20%

Qualifications

- Bachelor's Degree in Material, Chemical or Mechanical Engineering
- In Lieu of a degree, 10 years of equivalent industry experience working in the field of thermal spray and/or vapor deposition technologies may be considered
- Proven ability to combine theoretical training with practical experience in a "hands-on" environment
- 3D CAD experience
- Proven, effective project management skills with the ability to complete multiple projects independently

Preferred qualifications

- Master's degree or PhD in Materials Science
- Experience with ABB and/ Fanuc robotics
- Experience creating and running DOEs in the thermal spray industry
- Experience developing ideas into a viable product

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, age, disability, protected veteran status, pregnancy, sexual orientation, gender identity or expression, or any other reason prohibited by applicable law.