

## **Job Description**

At 3M we apply science in collaborative ways to improve lives daily as our employees connect with customers all around the world.

## **Job Description**

### **Job Title**

Research Engineer - Vacuum Coating

### **Collaborate with Innovative 3Mers Around the World**

Choosing where to start and grow your career has a major impact on your professional and personal life, so it's equally important you know that the company that you choose to work at, and its leaders, will support and guide you. With a diversity of people, global locations, technologies and products, 3M is a place where you can collaborate with other curious, creative 3Mers.

"A long-lasting career at 3M comes from having vision, imagination and the ability to see what doesn't exist. 3Mers are groundbreaking innovators and it's important that we give every person the space for disruptive and creative thinking." – John Banovetz, executive vice president, chief technology officer and environmental responsibility at 3M

This position provides an opportunity to transition from other private, public, government or military experience to a 3M career.

### **The Impact You'll Make in this Role**

As a Research Engineer-Vacuum Coating Focus you will have the opportunity to tap into your curiosity and collaborate with some of the most innovative and diverse people around the world. Here, you will make an impact by:

- Effectively operating as a critical member of a technology development team
- Developing vacuum coating expertise to support research and scaleup operations
- Identifying and developing new process technologies through experimentation and driving their implementation to impact 3M
- Effectively documenting, communicating, and disseminating research results to team members, business partners, and technology stakeholders
- Driving successful technology scale-up from laboratory to manufacturing and assisting with troubleshooting process and product quality issues

### **Your Skills and Expertise**

To set you up for success in this role from day one, 3M requires (at a minimum) the following qualifications:

- Bachelor's degree in science or engineering field (completed and verified prior to start) from an accredited institution

Additional qualifications that could help you succeed even further in this role include:

- Bachelor's degree in Chemical Engineering, Mechanical Engineering, Physics, or related discipline from an accredited institution
- Mechanical aptitude – comfortable working on machines/equipment
- Knowledge of vacuum coating processes
- Experience with design software and physical modeling
- Familiar with statistically designed experiments
- Inquisitive, able to work well with others as part of new process technology/product development
- Comfortable working and communicating in a highly technical environment

**Work location: 3M Center, B218**

**Travel: May include up to 5% domestic/international**

**Relocation Assistance: May be authorized**

**Must be legally authorized to work in country of employment without sponsorship for employment visa status (e.g., H1B status).**

### **Supporting Your Well-being**

3M offers many programs to help you live your best life – both physically and financially. To ensure competitive pay and benefits, 3M regularly benchmarks with other companies that are comparable in size and scope.

### **Resources for You**

For more details on what happens before, during and after the interview process, check out the Insights for Candidates page at [3M.com/careers](https://www.3m.com/careers).