

Job Description Title / Location:

Coating Process Technology Engineer / Maplewood, MN

Company Description:

At 3M, we apply science in collaborative ways to improve lives daily. With \$30 billion in sales, our 90,000 employees connect with customers all around the world.

3M has a long-standing reputation as a company committed to innovation. We provide the freedom to explore and encourage curiosity and creativity. We gain new insight from diverse thinking, and take risks on new ideas.

Here, you can apply your talent in bold ways that matter.

Job Description / Responsibilities:

The person hired for this position will be responsible for driving product and process development, providing manufacturing support, and implementing technology advancements having major business impact. In addition, this role will have a strong emphasis on developing technical strategies across relevant manufacturing platforms.

Primary Responsibilities include but are not limited to the following:

- Assemble comprehensive strategies for assigned technologies. This includes best practices, capital and resource needs, improvement plans, standardization when appropriate, etc.
- Initiate and drive relevant process developments in support of the above technical strategies.
- Drive lab and plant process & product understanding (PPU) projects to develop and advance our understanding of key manufacturing processes.
- Provide support for the redesign of core business processes impacting product, process and technology development.
- Develop and coordinate experimental runs in pilot plants and manufacturing facilities.
- Travel to manufacturing locations, when needed, to provide experiment coverage, consultation, knowledge transfer, troubleshooting, or training.

Qualifications / Requirements:

Basic Qualifications:

- Bachelor's degree or higher in science or engineering from an accredited university.
- Minimum seven (7) years of experience in a process development, engineering or manufacturing environment.

Preferred Qualifications:

- Bachelor's degree or higher in Chemical or Mechanical Engineering or from an accredited university.
- Previous experience in a business/process role (Black Belt, Six Sigma, supervisory or management).
- Minimum five (5) years of experience with operations (coating, laminating, mixing, drying) and/or processing (polymers, emulsions, solvent and water based coatings)
- Strong leadership, project management and influencing skills are needed to work with clients and cross functional team members from multiple divisions and geographic locations to

understand their manufacturing needs and help guide projects toward robust cost-effective manufacturing processes.

- Experience with technology transfer, process scale-up and/or new product commercialization in a manufacturing environment.

How to Apply:

Learn more: https://3m.wd1.myworkdayjobs.com/Search/job/US-Minnesota-Maplewood/Manufacturing-Technology-Specialist_R00935666-1