

Job Openings: Chemical Technician

Job Summary

Energy Materials Corporation is seeking a Chemical Technician to participate in technology development of thin film photovoltaic devices at our Rochester, NY facility. The positions will support the commercialization of perovskite-based solar modules for production on high-speed roll-to-roll coating and printing equipment.

Responsibilities and duties

- Photovoltaic device fabrication and evaluation, including solution mixing, layer deposition, and device finishing
- Experimentation using coating and sintering equipment
- Sample preparation, involving laser scribe, UV ozone, thermal evaporator, glass cutting, and lamination
- Sample evaluation including the use of microscopes, spectrophotometer, solar simulator, and quantum efficiency tester

Desired qualifications and skills

- Associate's or bachelor's degree
- Experience working in a chemical laboratory
- Ability to follow complex experimental procedures, execute sensitive experiments and keep detailed records
- Experience with thin film deposition techniques, including spin coating, slot die coating, and thermal evaporation
- Safe chemical handling experience
- Driven, hands-on individual with strong interpersonal skills and an ability to work in a team environment
- Strong proclivity for, and creativity to build products which contribute to solving the energy industry emissions challenges using clean technology

About Energy Materials Corporation

Energy Materials Corporation is an American innovator and manufacturer developing high performance renewable energy products to meet the terawatt scale required to underpin the urgent global decarbonization effort. Launched in 2010 with a mandate to establish a new class of optoelectronic materials, our vision is to create disruptive solar energy products that combine low-cost manufacturing with high performance solar technology. Headquartered in Rochester, N.Y., EMC is partnered with academic, corporate, and national labs, rapidly scaling up perovskite photovoltaic technology on existing roll-to-roll equipment. Our mission: deliver terawatt-scale solar energy to meet the compressed timeline for the solar sector's contribution to 2050 emissions reduction targets.

Please respond with a resume to: recruitment@enmatcorp.com