

Job Openings: Mechanical and Electrical Engineers

Job Summary

Energy Materials Corporation (EMC) is seeking mechanical and electrical engineers to participate in technology development of thin film photovoltaic devices at our Rochester, N.Y. facility. The positions will support the rapid commercialization of perovskite-based solar modules for production on high-speed roll-to-roll coating and printing equipment.

Responsibilities and duties

- Develop and optimize printing and sintering methods
- 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
- Equipment maintenance, calibration and operation

Desired qualifications and skills

Bachelor's degree in Mechanical and Electrical Engineering

Experience working in a development laboratory and operating complex equipment

Driven, disruptor mindset with a demonstrated hands-on approach to achieving goals

Ability to follow complex experimental procedures with careful attention to details

Able to prioritize multiple tasks to effectively meet deadlines

Strong proclivity for, and creativity to build products which contribute to solving the energy industry emissions challenges using clean technology

Excellent communication skills with strong interpersonal skills and ability to work in a team environment

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