ENERGY MATERIALS CORPORATION

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Job Openings: Mechanical and Electrical Technicians

Job Summary

Energy Materials Corporation is seeking mechanical and electrical technicians 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

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

Desired qualifications and skills

→ Associate's or bachelor's degree in science or engineering
→ Experience working in a development laboratory and maintaining and operating complex equipment
→ Driven, hands-on individual with strong interpersonal skills and an ability to work in a team environment
→ 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

March 1, 2021