



COATING TECHNOLOGIES CORPORATION

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Associate PVD Coating Scientist

MDS Coating Technologies Corporation is a world leader in Physical Vapour Deposition (“PVD”) coatings, and our customers are among the leaders in the aerospace industry. Located in Slemon Park, PEI, and Montreal, QC, MDS Coating Technologies Corporation has an immediate opening for a PVD Coating Scientist.

Reporting to the Director of Technology, and under the guidance and mentorship of our principal coating scientists, you will be responsible for innovating new materials and processes.

Responsibilities

- Management and execution of R&D projects with focus on PVD coating solutions for applications in the area of erosion and corrosion coatings
- Identification, definition, and characterization of property requirements for coating solutions
- Development of coating evaluation techniques and methodologies
- Project planning as well as continuous monitoring and documentation of project status in terms of progress, schedule, and risks
- Support development projects for new coating systems, related technologies, and transfers to production
- Support R&D of innovative erosion/corrosion resistant coatings
- Establish acceptable variations in coating process parameters to establish final production processes
- Monitoring of scientific and technological state-of-the-art, filing of patents, and attendance to research and industry related conferences
- Collaboration with customers, universities, research facilities

Qualifications and experience

- Engineering or science degree in Physics or Material Sciences with a focus on metals and ceramics
- Master or Doctor degree preferred
- Knowledge of PVD processes and plasma physics preferred
- Knowledge of statistical evaluation techniques and design of experiments preferred
- Experience with materials and thin film characterization
- Experience working in a collaborative and interdisciplinary setting
- Ability to learn rapidly and communicate with a technical team
- Relevant experience in a PVD coating environment

Please forward your resume by e-mail to: hr@mdscoating.com or by fax to (902) 888-3901.

We thank all applicants for their interest, however, only those selected for an interview will be contacted.