

Thin Film Coating Engineer

Multinational specialty glass client located in the Northeast is seeking a **Thin Film Coating Engineer**.

The hands-on **Thin Film Coating Engineer** will design, develop and manufacture thin film optical coatings. Responsibilities include coating design, tooling design, process development, product and process qualification, process documentation, and support of coating operations including substrate cleaning, deposition, inspection, and characterization. Position requires United States citizenship or green card and ability to obtain a government security clearance.

Position requirements:

Solid career foundation (5-7 years) in **thin film coating design** and manufacture

Minimum BS in Engineering or Science related field

Ability to define vacuum chamber configuration, hardware and software requirements; as well as specify and procure suitable coating, cleaning and metrology equipment

Strong hands-on experience in multiple conventional thin film deposition technologies including tooling design, cleaning procedures, material characterization and commercial design software

Thoroughly knowledgeable of modern coating production processes such as e-beam evaporation, Ion-assisted e-beam evaporation, ion beam and magnetron sputtering

Knowledge and ability to troubleshoot light sources, E-beam gun, planetary, monochromator, thermocouple gauge, SCR Heating Controller, and clean line

Qualified candidates: Submit a resume in Word format with salary requirements to:

Ann Marie Khaled
McAleer & Associates
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