

Job Description: ALD Equipment and Process Development Engineer

A full time position as an ALD Equipment and Process Development Engineer is available at Encapsulix SAS. ([HTTP://www.encapsulix.com](http://www.encapsulix.com)). Encapsulix is a supplier of ultra fast, large area ALD manufacturing and R&D equipment that serve the thin film barrier and encapsulation needs for the OLED lighting and display, photovoltaic, data storage, architectural glass, and generic large area electronic markets. Encapsulix headquarters and application laboratory are located in Provence, south of France.

Personal Specification

The candidate should at least have a Master Degree (or preferably PhD) in Mechanical or Electrical Engineering, Material Science, Physics or Chemistry A professional experience with development, utilization, and/or maintenance of vacuum equipment and or metrology.

The selected candidate will be responsible for development, optimization and continuous improvement of certain hardware (system and subsystem level), control algorithms and deposition processes related to high speed Atomic Layer Deposition as well as the development of process recipes and characterization of film properties. Relevant technical skills include the design, sourcing and test of mechanical parts, a working knowledge of subsystems such as vacuum systems, thermal control systems , vacuum based thin film deposition process (ALD, CVD, PVD) and thin film characterization (spectral ellipsometry, spectrophotometry, electrical and mechanical metrology).

Candidates should demonstrate enthusiasm and are expected to take ownership of their part of the project for on-time/in budget/ in spec delivery in a high pace/high tech-manufacturing environment. They should demonstrate a solid technical background and the ability to rapidly acquire new technical skills. This position requires extensive interactions with customers, development partners and suppliers. Excellent written and oral communication skills and an ability to perform the work independently are essential.

They should also be willing to travel for extended periods of time in Europe, North America and East Asia. Full professional fluency in English is expected. Activities within the scope of certain government related collaborations may require a background check by third parties.

Location

The position will be based in the Provence area in the South-East of France. In recent years, the region has developed a vibrant high tech industry in the fields of microelectronics, aerospace, advanced optics and renewable energies.

Appointment and Starting Date

This position offers full-time employment. The starting date will be July 1st, 2022 at the earliest.

Information and Application

For more information on the position, please contact Jacques Kools (jkools@encapsulix.com). To apply, please send an application letter, along with curriculum vitae with the names of two professional references who can be contacted.

