System Engineer | X-RAY Expert

In this role you will:

• Lead X-ray system technology transfer overseas from R&D to MFG
• Support the development & manufacturability of X-ray system for semiconductor metrology applications
• Own X-Ray technology in MFG in all aspects
• Manage work plans: Build process, Fixtures, Test plans, Trouble-shoot system and subsystem related issues. Perform analysis to validate X-ray system performance.
• Work with X-ray metrology R&D team to build and use the X-ray tools effectively and optimize tool performance
• Fluent English and high presentations skills
• Frequent travel to vendors, R&D and customers. ~40% Travel is required

Requirements:

• Bachelor’s Level Degree in Engineering with minimum 5 years of experience. OR Master’s Level Degree with minimum 4 years of experience
• Experience with X-ray system development or manufacturing is a must, experience in Semiconductor industry is an advantage
• Strong diagnostic and trouble shooting skills in X-ray systems
• Experience with X-ray design for safety & regulations
• Experience in multidisciplinary systems (Optical, Electromechanical and Software systems)
• Ability to influence functional groups to drive system level decisions
• Familiar with Matlab, JMP, Zemax, and LabView

• Work Location: Migdal HaEmek, Israel
• Transportation Services are available
• Relevant CV to Dina.Cohen@kla-tencor.com