

PROJECT EXPERIENCE: UNIVERSITIES/GOVERNMENT

Name: King Abdullah University of Science & Technology, Thin Film Lab
Location: Jeddah, Saudi Arabia
Owner: Saudi Oger



Project Services

Turnkey contractor for ~600 m2 cleanroom. Cleanroom classes: 5/6/7 (100/1.000/10.000) to ISO 14644.

Latest thin-film deposition & analytical tools, including: molecular beam epitaxy (MBE), atomic layer deposition (ALD), PECVD, MOCVD, sputtering, focused ion beam (FIB), microscopy, wet bench (chemistries), diffusion furnaces, high temperature processing, magnetic characterization, local electrode and laser assisted wide angle tomographic atom probes, surface analysis and two-photon absorption, printing capabilities for thin film processing (inkjet, roll-to-roll, screen printing, flexo, direct write, nanoimprint), photovoltaic materials and device fabrication and testing, fabrication and testing of solar cells and light emitting diodes, and thin film transistors and photodiodes.