

PROJECT EXPERIENCE: UNIVERSITIES/GOVERNMENT

Name: King Abdullah University of Science & Technology, Nanolab

Location: Jeddah, Saudi Arabia

Owner: Saudi Oger



Project Services

Turnkey contractor for 2000 m² cleanroom, including tool hook ups. Cleanroom classes: 5/6/7 (100/1.000/10.000) to ISO 14644.

Installation of the following: cleanroom ceilings system, walls, doors and windows; make-up, recirculating and exhaust air units; HVAC ductwork and piping for CW; DI water plant; acid waste piping and neutralization; all electrical works, PLC equipment, controls and gas monitoring; relevant utilities (high-purity-systems) process gases, CDA, PCW, PVAC; start-up, testing, balancing, certification; tool hook-up services

Cleanroom equipment installations included: confocal optical, atomic force, electron microscopes as well as spectrometers and probe station; microsystems analyzers; tools for sputtering, including chemical vapor, atomic layer, and pulsed laser disposition; vibrating sample and alternating-gradient magnetometers; and Kerr-effect and magnetic force microscopes.

