

# N3 ENGINE OVERHAUL SERVICES, ARNSTADT



Architectural and room acoustic advice regarding the selection of special materials and structural details in order to achieve sufficient airborne and impact sound insulation within the building, as well as sufficient airborne sound insulation against outdoor noise.



## N3 Engine Overhaul Services, Arnstadt, Germany

**Project period**  
2005 - 2007

### Services provided

Investigation of sound and vibration immissions from the engine overhaul centre to the environment. Determination of future loads by means of model calculations; evaluation on the basis of TA-Lärm (noise) for the approval proceedings in accordance with § 4 of the Federal Immission Control Act BImSchG

### Technical details

Plant for repair and reworking of aircraft engines as well as test stand for testing of aircraft engines, offices and social areas

