

#### **CUSTOMER**

AneCom AeroTest Wildau, Germany

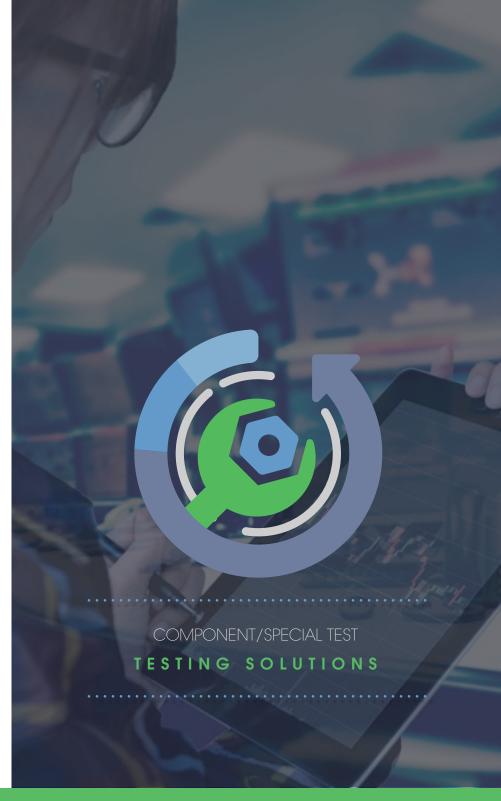
## FACILITY TYPE

Gas Turbine Compressor Research & Development Test Facility

## COMPRESSORS:

High Pressure: single-flow compressors up to 20,000 rpm and air flows up to 35 kg/sec

Intermediate Pressure: single or split-flow compressors up to 15,000 rpm and air flows up to 200 kg/sec





#### DESCRIPTION

MDS designed and supplied a Compressor Test Centre (CTC) for complete aerothermal and noise testing of compressor components.

AneCom AeroTest offers a complete package of services for aerodynamic development testing of gas turbine components, with a focus on gas turbine compressors.

# SCOPE OF WORK

- Inlet and exhaust systems;
  - Aerodynamics and acoustics;
- Intake and exhaust systems;
- Anechoic chamber;
- Hydraulic control and lubrication systems;
- Driveline System;
- Three test beds to support several sizes and configurations of compressor test vehicles;
  - Prime mover and compressor control system;
  - PLC-based facility control system;
  - EDAS data acquisition and control systems;
  - Dynamic Data Acquisition System; and
  - Valve Control System (VCS) to control the test article.

