

**Compulsory literature: Vad, J. (2008), *Advanced flow measurements*.
(University lecture note)**

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INDUSTRIAL CASE STUDIES:

Extension of a food industry cooler system

Optimisation of mineral wool production process

Proposal for noise reduction in an aerobic wastewater treatment plant

Diagnostics on the air supply system of a gas motor power plant

Measurements on a silencer built in a cement industry flue gas duct

Development of an axial flow jet fan of long throw

**Development of a standardised axial fan test facility for testing
industrial fans of serial production**

Fluid mechanical survey of a gas turbine power plant

Testing a wind tunnel fan by means of ad hoc measurements

**Study on the effect of flow rate measurement noise in a natural gas
supply line**

Investigation of the cooling process applied in sheet metal industry

Heat power measurement applied in a remote heating system

Investigation of a chemical industrial solvent supply system

Testing compressors used in air conditioners for cars