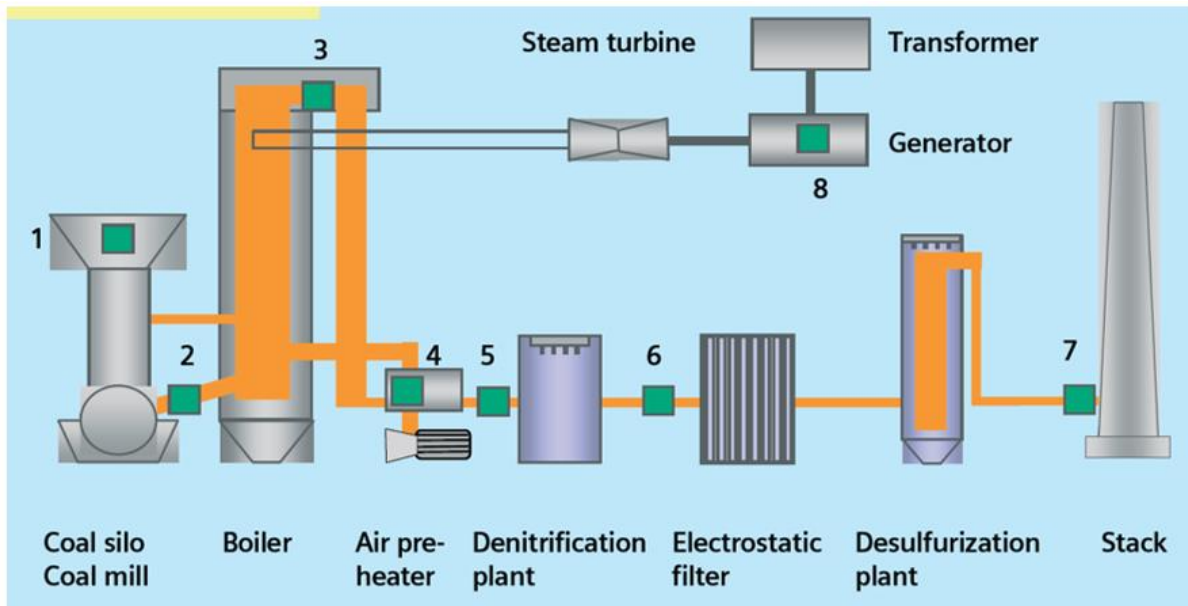


Application Note – Coal Fired Powered Station

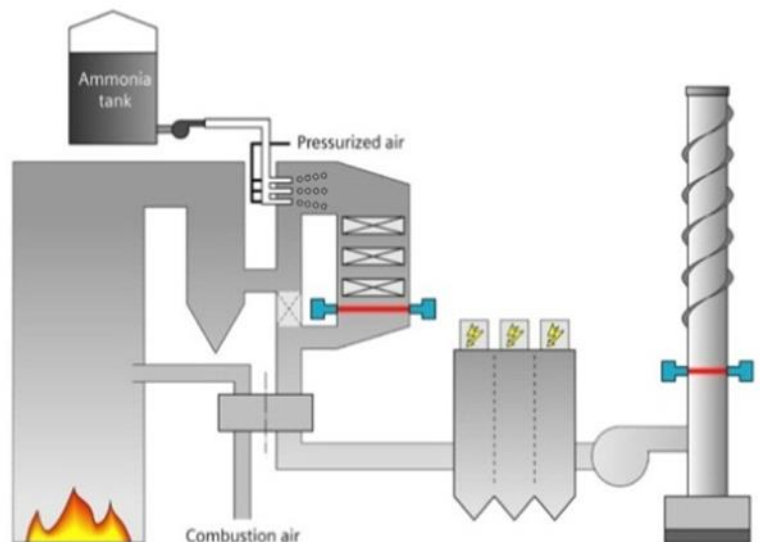


Measurement Points

- Coal silo (1), smouldering fires and explosion protection, CO
- Boiler combustion control (3), O₂ and CO
- DeNO_x system (5), NH₃
- Electrostatic filter (ESP,6), CO
- Stack (7), emissions, NH₃

DeNO_x Process:

- NH₃: 0-15 ppm (SCR), 0-50ppm (SNCR)
- H₂O content 10–30%
- Temperature 200-400 °C
- Pressure atmospheric
- Optical patch length 1-6 metres



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