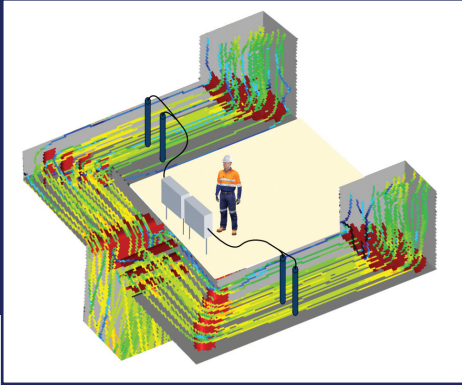
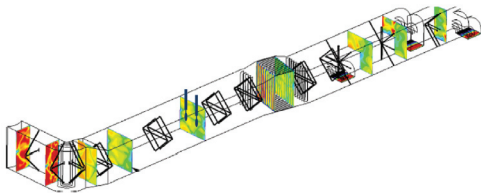


Airflow Guardian™

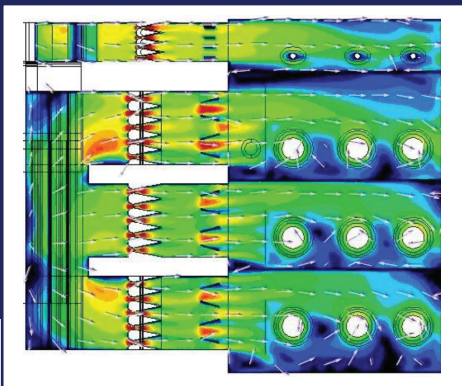
for Accurate Online Air Flow Measurement and Monitoring



Airflow Guardian measures combustion air with ACCURA – FLOW Averaging Pitot Probe



DAP Probe in Fan Discharge duct with heavy particulate loading



Duct Airfoils for Overfire Air & Secondary Air to Windbox

Online plant control & performance optimization

- ❖ Real-time, online measurement of duct air flow rates.
- ❖ Monitoring of flow velocity, temperature and mass flow rate.
- ❖ Available for any shape ductwork (round, square, rectangular)
- ❖ System design incorporated CFD flow modelling to ensure optimal positioning of sensors.

“Airflow Guardian system consists of many configuration options like, local display of flow parameters, an output signal to a plant control system or DCS, manual or auto purging, temperature measurement, environmental control, etc.”

Probe sensors available

- ❖ ACCURA-FLOW averaging pitot probe for standard duct airflow measurement.
- ❖ Burner Pitot Probe (BPP) for individual burner flow measurement
- ❖ Dirty Air Pitot (DAP) to avoid pluggage in flows with high particulate measurement.
- ❖ Duct airfoils for large ducts and branching networks.
- ❖ Calibrated venturi for large ducts and pressure recovery.

NEM4/IEC IP66 painted aluminium or NEMA 4X stainless steel enclosures for corrosive environment

LOCAL CONTACT



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