

FOX APPLICATION GUIDE

Industries & Applications Where Fox Flow Meters Can Be Used

Automotive Industry

- Compressed Air Monitoring
- Natural Gas Consumption
- Powder Plant Air Flow
- Paint Booth / Paint Oven Ventilation
- Engine Test Stand Air Flow Measurement

Environmental

- Natural Gas Measurement for Emissions Calculations
- Flare Gas Monitoring
- Vent (Flash) Gas Monitoring
- Biogas & Digester Gas Monitoring
- Coal Mine Methane Recovery
- Coal Bed Methane
- Landfill Gas

Food Processing / Pharmaceutical Industry

- Tablet & Pill Coating Air & Nitrogen Flow
- Exhaust Gas
- CO₂ in Beer Manufacturing
- Nitrogen in Mayonnaise Manufacturing
- Ventilation Systems
- Compressor Air Flow
- Hydrogen in Hydrogenated Oil Production
- CO₂ in Fermentor Off-Gas

Fuel Cells

- Hydrogen Flow

Glass / Ceramics Manufacturing

- Oxygen and Natural Gas to Burners
- Natural Gas to Furnaces and Kilns

HVAC

- Air Balancing
- Duct Flow
- Energy Conservation
- Clean Room
- Laminar Flow Benches

Industrial Processing Plants - Pulp & Paper, Steel, Chemical, and Petrochemical Plants

- Compressed Air Monitoring
- Natural Gas to Boilers
- Hydrogen Monitoring
- Gas Additives / Gas Mixing
- Leak Testing
- Secondary Air Inlet Control and Kilns
- Air and Nitrogen Purge Monitoring
- Digester Gas / Biogas
- Gas Flow to Test Separators
- Oxygen Monitoring and Water Purification
- Dryer Air Flow
- Flare Stack Gas Monitoring
- Fluid Bed Dryer Air Flow
- Nitrogen Blanketing
- Nitrogen Seal Leak Detection
- Propane Line Monitoring
- Accumulator Tank Air Flow

Mining

- Compressed Air to Mine Shafts
- Ventilation Air Monitoring
- Air Injection into Flocculation Vessels
- Methane Recovery

Natural Gas Transmission

- Natural Gas to Compressor Stations
- Natural Gas to Gas-fired Compressors
- Compressor Leakage / Vent Gas

Oil & Gas Production

- Flare Gas Monitoring
- Vent (Flash) Gas Monitoring
- Well Head Monitoring

Plastics Industry

- Nitrogen Flow Monitoring
- Air Flow Monitoring

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Industries & Applications Where Fox Flow Meters Can Be Used

Power Plants

- Combustion Air Flow
- Primary and Secondary Air Flow
- Natural Gas to Power Generators / Gensets
- Heated Air to Coal Mill
- Condenser Air Leakage
- Contaminant Unit Vent Air Flow

Refining

- Flare Stack Gas Monitoring
- Fuel Gas Monitoring
- Air Intake Flow
- Compressed Air

Specialty Gas Producers

- Nitrogen, Argon, CO₂, & Hydrogen usage
- Custody Transfer / Pay Meter

Steel / Aluminum Fabrication

- Argon and Nitrogen Flow Rates
- Coke / Oven Gas
- Air Flow Rates
- Aluminum Smelter Chlorine and Argon Flow
- Turbo Air Flow
- Natural Gas of Annealing Operations
- Natural Gas to Smelting & Casting Operations
- Nitrogen Flow to Annealing Process
- Compressed Air

Water and Waste Water

- Aeration Air Flow
- Ozone Measurement
- Digester Gas



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