



IDEAS ENGINEERED

JORD CLEAN AIR

ABOUT JORD

Jord designs, manufactures, commissions and services custom designed process plant and systems. For over 50 years, the Jord Group has served the global energy and resource process industries. We collaborate with our clients for both greenfield and existing sites, to meet the efficiency and environmental challenges of our times while delivering innovation value and reliability.

OUR OFFERINGS

At Jord, clean air technologies are a core part of our expertise, supporting industries to meet and exceed today's most stringent international / local air emission standards and investor expectations.

From solid particulates to hazardous gases and VOCs, our systems are engineered in line with the Best Available Technologies (BATs) for maximum effectiveness and long-term reliability. We work closely with clients to balance energy efficiency, capital cost, and operational ease—while future-proofing their systems against evolving standards.



Whilst the bulk of our references are greenfield projects, a number involve retrofits of existing plants to meet increasingly stringent environmental regulations. Talk to our team today.



CLEAN AIR TECHNOLOGIES



Noxious/Odororous Gases (Acid Gases, Hg, VOCs, etc.)

- Packed Bed Scrubbers
- Spray / Tray Towers
- Dry Sorbent Injection
- Dry Scrubbers
- Strippers/Absorbers



DeSOx / DeNOx

- Advanced slurry-based wet scrubbing
- Dry Sorbent Injection
- SCR Systems
- Low Temperature Oxidation



Particulate Matter

- Baghouses
- Cyclones
- Dry/Wet ESPs
- Venturi Scrubber
- Low Energy Venturi Scrubbers (LEVS)



Mist Elimination

- Mesh Pad / Chevron Modules
- Fibre Bed Filters (FBMEs)
- WESPs

APPLICATIONS

Minerals & Metals – Pyrometallurgy (roasters, acid roasters, kilns, furnaces, calciners, smelters, etc.) - Hydrometallurgy (atmospheric leaching, flotation off-gas, tank venting, reagent handling vents, dryer vents, HPAL, POX, etc)

Chemical & Petrochemical Processing – (process vents, phosphate fertilizers, nitrate fertilisers, crystallisers, sulphuric acid, nitric acid, VOC/odours, corrosive aerosols, reagents stripping/adsorbing recovery, etc)

Mining, Materials Handling & Industrial Nuisance Dust - (crushing/screening, conveyors, HPGR, transfer points, car dumpers, loadout, bagging, drumming, etc.)

CO2 Capture Systems - (coal seam gas, exhaust off gases, etc)

Power Generation - (biogas, combined heat & power, boilers, syngas, etc)



CERTIFIED
ISO 9001
ISO 14001
ISO 45001



CONTACT DETAILS

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