

Pilot Plants

For site investigation work

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PRODUCT DESCRIPTION

A range of pilot plant equipment for use in air pollution control projects is offered FREE OF RENTAL by ARMATEC. You are invited to work with ARMATEC in pilot plant studies of your air pollution control project. Initial pilot plant testing offers many benefits to all parties involved by allowing "Try Before You Buy". ARMATEC also offers ancillary equipment such as ventilation fans, variable speed controls and an automatic chemical dosing system. Units can also be hired for longer periods as required.

WHY USE A PILOT PLANT TRIAL?

The Resource Management Act puts strong requirements on companies to minimise their air discharges. Air pollution control can require a considerable investment in both capital plant and ongoing running costs, both of which can affect the overall viability of a company's operation. Therefore the choice of air pollution control technology must be taken with due care.

While there are air pollution control projects that are identical, and an equipment supplier is able to use past experience to design further projects, there are many instances where site conditions are unique or are not properly understood. This is when pilot plant work is most desirable, and even essential. Pilot plant work can provide a win-win situation for all parties; the buyer of the equipment, the supplier of the equipment, and the environment.

BENEFITS OF PILOT PLANT WORK

- Helps site problems to be understood
- Shows if wet scrubbing is feasible
- Minimises operating costs of chemicals, power
- Allows the final design to be optimised
- Allows specific mass transfer rates to be determined for each situation
- Gives samples of blowdown liquid
- Avoids problems at commissioning
- Good public relations exercise

EQUIPMENT AVAILABLE

- Vertical Packed Tower (0.2m³/s)
- Crossflow Scrubber (1m³/s)
- Venturi Scrubber
- Stripping Tower
- Mist Eliminator
- Carbon Bed Absorber

FREE Offer:

ARMATEC's wet scrubbing pilot plant is offered FREE OF RENTAL CHARGE with 1 days FREE site assessment by ARMATEC. Freight and site costs are not included in this offer. Fax us a completed enquiry form and we will make the arrangements. Offer is subject to the availability of the pilot plant equipment. The units are available for hire for longer term work.



ARMATEC's 300mm diameter vertical counter-current packed tower pilot plant scrubber on trial at an industrial site. Capacity 0.2 m³/s.



ARMATEC's pilot plant crossflow scrubber. Capacity 1m³/s.

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