

SURFACE TREATMENT, METAL REDUCTION & CHEMICAL MACHINING



DESIGN • MANUFACTURE • DELIVERY • INSTALLATION • COMMISSIONING

Surface Finishing

Description: Ventilation Systems and Air Pollution Control equipment, storage and process tanks, specialist fabrications all in Corrosion Resistant Plastics.

Energy saving devices to remove valuable heat from acidic air streams.



VERTICAL PACKED TOWER WITH DISCHARGE STACK

- Recent fume extraction and scrubbing systems installed within the Aerospace sector.
- The system was design to remove Nitric acid, HCL and H_2SO_4 .
- The scrubber was a vertical packed tower design with high efficiency, horizontal mist eliminator, design duty 25,000m³/hr.



TWO HIGH EFFICIENCY CENTRIFUGAL FANS AND DISCHARGE STACKS

- Two high efficiency centrifugal fans each designed with a flow rate of 30,000m³/hr, constructed with a PP case and backward curved impellor.
- Discharge stacks are constructed in PP/FRP.
- The fans were inverter driven to give a lower extraction rate when the process lines were not in production.



LIP EXTRACT FROM A MODULAR DESIGN, MANUAL TREATMENT PROCESS LINE

- Extensive systems have been installed in a number of metal finishing and treatment process lines. Lip ducts, rear mounted canopy hoods, ductwork, dampers, fans and air pollution control technologies have been incorporated in to the facilities to give trouble free operation.



HIGH & LOW LEVEL EXTRACT FROM A MANUAL TREATMENT PROCESS LINE

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