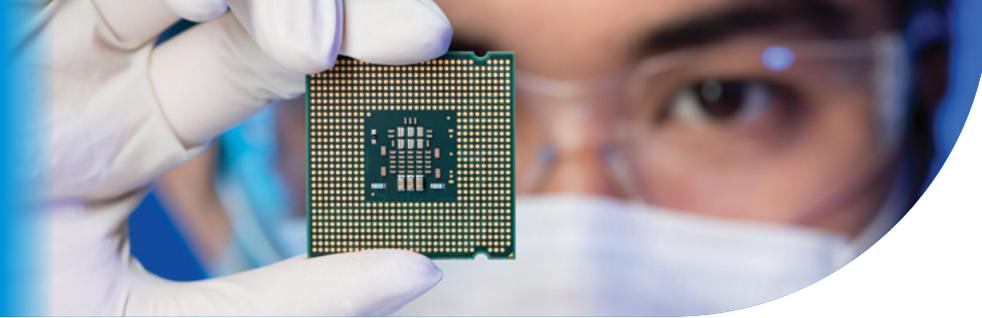


# MICRO ELECTRONICS INDUSTRY



DESIGN • MANUFACTURE • DELIVERY • INSTALLATION • COMMISSIONING

## Acid & Alkaline Extraction & Scrubbing System

**End user:** Wafer fabrication facility using Class 10,000, 1,000 and 100.

**Description:** Design, manufacture, delivery, installation and commissioning of a complete acid and alkaline extraction and scrubbing system including the following equipment:

- 2 x Inlet header ductwork systems ranging from 315 to 1,100 dia
- 1 x Single stage vertical packed tower scrubber handling 16 m<sup>3</sup>/s
- 2 x Centrifugal fans operating on a duty/standby arrangement
- 1 x Discharge stack 1,300 dia and 15m tall
- 45 Second fix hook up ductwork systems.



### SINGLE STAGE VERTICAL PACKED TOWER

Single stage vertical packed tower, 2,800 dia, 7,500 tall, packed depth 2,000. Duty/standby recirculation pumps high efficiency mist eliminator and automatic dosing system. Scrubber constructed in uv stabilised Polypropylene. Constructed to DVS 2205.



### DISCHARGE STACK

2 x 1,100 dia uPVC header ducts, complete with in line silencers.



### DISCHARGE STACK

1,300 dia discharge stack, 12 meters tall, constructed in uPVC/GRP.

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