



The Challenge

- Maintain a safe working environment for the lab technicians and surrounding environment
- Achieve 100% system redundancy
- Ensure chemical resistance of materials
- Provide energy efficiency.

The O'Dell Solution

- Designed and supplied a fibreglass reinforced plastic (FRP) exhaust fan system.
- Complete Skylume system, fans and plenum, fabricated with FRP for optimal resistance to chemicals.
- Dual stack arrangement provides 100% redundancy, with fans operating in lead/lag sequence.
- Inlet plenum with heat recovery coil for integration with the glycol run-around loop-in service.
- Bypass damper varies exhaust airflow from the space and constant discharge airflow from the stacks.
- Optimal effective stack height and dilution of chemicals within the surrounding environment.

Chemtura Corporation develops, manufactures and markets chemical intermediates, additives, specialty chemicals and plastics.

Working with WalterFedy, O'Dell specified a lab exhaust solution with multiple variable-volume fume hoods.



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