

# POLLUTION SOLUTIONS

MW-300 VERTICAL SCRUBBER, FUME ARRESTOR, EXHAUST HOODS, DUCTWORK AND INSTALLATION



Reference No. 16995-01

## MAPCO PRODUCTS

- FUME SCRUBBERS
- ENFORCER III™ (CMP) MIST ELIMINATORS
- TERMINATOR™
- ULTRA-MACT™
- PREDATOR™
- FUME ARRESTOR™
- MISTMASTER™
- PVC DUCTWORK
- EXHAUST HOODS
- INSTALLATION
- SERVICE

## International Communications Company Slashes Water Consumption and Saves \$\$\$ With Mapco Fume Arrestor™

### Background

Harris Corporation in Palm Bay, Florida recently renovated the prototype plating facility with new pollution control equipment and exhaust system supplied by Midwest Air Products Co., Inc. (Mapco). The existing equipment consisted of a fan separator which was not capable of meeting the new requirements of the plating facility.

The proposed project challenge was to provide efficient wet scrubbing while minimizing water consumption. Midwest Air Products (Mapco) analyzed the process and recommended a Fume Arrestor™. The Fume Arrestor™ when installed as a pre-filter to the scrubber inlet, greatly reduces the inlet loading to the scrubber thereby reducing the blowdown rate to waste treatment.

Harris Corporation was faced with water usage of approximately 1.4 million gallons per year. With the installation of the Fume Arrestor™, the water consumption was reduced to approximately 50 thousand gallons per year. The result was pleasing to Harris Corporation's environmental concerns, resulted in cost savings and the scrubber life expectancy was

dramatically increased by minimizing the chemical loading.

The Fume Arrestor™ can be retrofitted to any brand existing wet scrubber. The savings from significant water reduction justifies the initial investment with a very quick payback.

Call Mapco at 1-800-214-7716 for design and pricing.



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