

## **Preventative Maintenance Program**

### **Vanaire Professional Technicians...**

...perform thorough on-site inspections with recommendations for maintenance and repairs to ensure that your air pollution control equipment or ventilation system is operating at peak performance. Following a comprehensive evaluation of each component including fans, scrubbers, mist eliminators, ducts and hoods, Vanaire will provide you with a detailed report indicating each component's condition and whether additional maintenance is required.

A Vanaire preventative maintenance program virtually eliminates the inconvenience and high costs of emergency downtime and repairs. Equipment condition reports enable you to schedule maintenance for minimal impact on production. A Vanaire maintenance program also enhances uptime and system life since all components are monitored and maintained for peak performance.

As an added bonus, all contracted Vanaire preventative maintenance customers will receive a 10% discount on replacement parts.

### **Scrubber Inspection & Maintenance**

- Inspect packing, mesh pads, mist eliminators and nozzles for obstructions and deterioration
- Inspect recirculation pump for operation and wear
- Inspect plumbing components for leaks
- Clean mesh pads and pack as required
- Repair all leaks and cracks
- Verify fan performance
- Inspect and grease bearings
- Check fan belts for tension and wear
- Check sheaves for alignment
- Check fan shaft and fan wheel
- Balance fan wheel if required
- Check steel base for corrosion

### **System and Controls Inspection**

- Check draw at hoods
- Check air flows
- Inspect ducts, hoods and welds for integrity, leaks and cracks
- Inspect differential pressure gauges and tubing
- Inspect operation of solenoid valves
- Inspect operation of pH, ORP, and level control systems
- Repair and adjustment controls

### **Fan Inspection and Maintenance**

- Inspect and grease bearings
- Check fan belts for tension and wear
- Check sheaves for alignment
- Check integrity and balance of fan wheel and shaft
- Check steel base for corrosion
- Repair all leaks and cracks
- Balance fan wheel if required