



## AIR POLLUTION CONTROL CASE STUDY

Application: Machine Tool coolant (Oil) Mist

Project No. J297: R. B. Royal

Location: Fond du Lac, Wisconsin



Goal: R. B. Royal is a customer focused manufacturer of precision machined brass hose fittings. Keeping a newly built, state-of-the-art, manufacturing facility clean, providing employees with a clean air environment and reclaiming machine tool coolant for reuse, were all goals of R. B. Royal.

Solution: A Power Clean Model SA-0609-W was installed to source capture and remove machining fluids from the plant air. This multi-stage system consists of a synthetic media impingement prefilter, followed by an electrostatic precipitator with built-in automatic cleaning using oil as the wash medium. The wash oil is filtered for reuse, reducing waste disposal. Collected process oil is reclaimed separately.