## Aircraft Engine Parts Washwater Recycling System— An EPA ETV-MF P2 Technologies Center Test Report

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The U.S. EPA Environmental Technology Verification for Metal Finishing Pollution Prevention (P2) Technologies Center conducts performance verifications of innovative, commercially ready technologies designed to improve industry performance and achieve cost-effective P2 solutions. Test plans are developed between CTC, EPA and the technology supplier. Verification testing is conducted under strict EPA guidelines in metal finishing shops under actual operating conditions. This paper will discuss the verification test results of the treatment of water used to clean aircraft engines and parts. The primary treatment process involves the use of a flocculating agent to encapsulate oil and grease as well as heavy metals. The resulting water is either recycled or further treaeted by activated carbon/ion exchange resin to make it suitable for discharge to the publicly owned treatment works (POTW).

Paper not available

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