

CAF[®] CASE STUDY



Automotive Paint

Problem:

A car manufacturing plant were experiencing difficulties in removing painting sludge from their spray booth wastewater. The original vacuum filters had never achieved the performance required for the spray booths, which contained “robotic” spray equipment.



The two CAF-75 units operating side by side.

Solution:

Hydrocal installed a CAF system, which proved very effective and simple in removing paint sludge from the shower curtain water.

The three units were so successful in cleaning the paint booth recycled process water that within twelve hours automatic timers were installed. The units now run on automatic cycle intermittently 24 hours a day.

The cost to remove this accumulation of sludge amounted to 50% of the capital outlay of the CAF units. That money will not have to be spent again. The clarified process water is now recycled through the spray booth and the robots are happy.



Clarified effluent.

Total Suspended Solids Results

Influent	500-1000 ppm
Effluent	10-15 ppm
% Removal	98.5 %

Chemical usage averages 1-3 ppm.

The Solution is Clear.

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