



Better, Safer, and Faster: Improving Copper Cleaning and Wastewater Treatment

-Hall values their customers enough to workday in and day out to earn their
Steve Leonetti, IMC Vice President

The Challenge

IMC is a global leader in the manufacturing of anodes. The company operates out of a sixty million dollar, highly automated facility with newly installed, state-of-the-art cleaning equipment.

IMC Vice President, Steve Leonetti hired Hubbard-Hall to improve the chemistry and process performance. He wanted to replace labor-intensive processes with a LEAN one that was compatible with their new equipment.

In addition, IMC was looking for ongoing access to a technical team that could become a trusted partner to the company's internal people.

The Approach

Hubbard-Hall experts worked alongside IMC to audit the pre-treat area. They discovered that inconsistent chemistry and consequences from their current wastewater additives were creating an iron-laden copper filter cake.



Better chemistry. Better business.

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Once the new chemistry and process were put in place, S
conducted training for upper management and operators on how to run the
process, providing visual jar testing demos and reporting templates to augment
their training.

The Outcome

Hubbard- recommended process improvements enabled IMC to reduce its
three-step cleaning process to a single step. The new, more efficient, and
environmentally-friendly chemistry allowed IMC to maintain their industry-
standard filming properties on phosphorous copper and deliver superior anode
cleanliness more quickly. The filter cake also saw an improvement to its copper
content resulting in an increased recycling value.

Hubbard Hall continues to provide routine technical support and visits to ensure
that the new processes continue to perform at peak levels.

Our People. Your Problem Solvers

Expertise you can trust. 32% of Hubbard-Hall associates are in tech support, customer
service or sales. This means that you get answers fast while the rest of our team gets your
order delivered on time and in spec.

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