

Case Study Chemical Management Services



Business Challenge

As part of Incora's Chemical Management Services at a large aircraft OEM, the Incora customer account manager noted that a critical sealant used in production was often scrapped with much of the product remaining.

Sealants have a shortened shelf-life once opened and are classified as hazardous waste for proper disposal.

Over time, the cost of this scrap material becomes significant due to both the unused purchased volume and the costs associated with disposal of hazardous waste.

Results

By looking beyond purchasing of products, Incora Chemical Management Services (CMS) enabled the customer to find cost savings and efficiencies in the complete life cycle of the chemicals they use during manufacturing.

\$500K Annual Savings

- Reduced volume of sealant purchased
- Reduced volume of hazardous waste

Following the success of the EH&S initiative, the project was recognized with a company-wide Environmental Leadership Award from the customer's corporate leadership.

Incora™ Solution

Incora personnel formalized a joint project with the customer's Six Sigma leader to quantify the scope of the opportunity and identify alternative solutions. Root cause analysis of manufacturing practices provided insights into the scope of point-of-use applications and the necessary volumes of sealants.

Incora identified production logistics that created the unused sealants, which contributed significantly to the total annual hazardous waste volume.

As a result of these findings, Incora was able to provide targeted solutions:

- Sourced alternative sealants that met the required specifications, quality standards, and volume needed at each point-of-use
- Installed and managed a chemicals storage cabinet at each point-of-use to ensure all necessary materials at the volumes needed were available in close proximity to the work areas.

**The company
awarded Incora
for the success
of the Chemical
Management
Program**