



## Summary

<b>Industry:</b>	Aerospace
<b>Application:</b>	Filter on TSA Tank
<b>Actual Saving:</b>	£200,000
<b>Payback Period:</b>	Immediate



## A Filtration Solution to a Contamination Problem

### ISSUE

An aerospace customer found their TSA tank had been contaminated and it needed cleaning quickly to salvage over £200,000 worth of acid currently in the tank.

Furthermore, the contaminated acid was used in the anodisation process - which increases corrosion resistance - and was reducing the adhesion to the panels on aircraft wings. This process could not be completed to satisfactory quality meaning overall production was impacted.

With every further day passing leaving them at risk of further contamination and mounting costs, the customer needed a solution quickly.

### SOLUTION

ERIKS was the only supplier to propose a filtration solution for the solid contamination within the allotted time frame.

The new filter specified by ERIKS was quickly approved and work began to filter the acid and remove the solid contamination. The chemical was filtered down from 5 micron, to 1 micron, to 0.5 micron absolute with 3 passes.

As the cause of the contamination was unknown, the filter solution was permanently added to the tank to safeguard from potential future contamination.

### OTHER BENEFITS

- ERIKS Expertise
- Product saved from contamination

### FURTHER COMMENTS...

Thanks to a quick response, the acid was recovered saving £200,000 and removing the risk to production.

### MORE INFORMATION

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