

CASE STUDY | Aerospace Parts Finishing Company

Taking bigger steps to leave a smaller footprint

Aerospace facilities require efficient, effective wastewater treatment systems due to the complicated nature of the many processes involved in aerospace manufacturing.



Indianapolis, IN



CHALLENGES

A large Wichita-area aerospace manufacturer with five types of metal finishing lines could not meet customer demand.

1. 20-year-old system had been repaired many times could not increase capacity
2. Lost production time with antiquated system
3. Problems with rinse water quality and discharge limitations

SOLUTION

MacDermid Envio Solutions performed a complete water survey of the facility, sampled all process lines, observed daily operations and implemented a program that:

- Integrated legacy equipment to reduce upgrade costs
- Installed upgrades in stages to minimize production delays
- Re-piped the facility to separate low-Total Dissolved Solids (TDS) and high-TDS rinses
- Combines high-TDS rinses with spent chemical baths to treat in a new conventional wastewater treatment system

RESULTS

With **MacDermid Envio Solutions**, the aerospace manufacturer:

- Makes wastewater treatment more efficient and less disruptive to operations
- Continuously meets their discharge limits and customer demand
- Recycles a large portion of its high-quality treated water

Ask us about



EnvioCARE

See our web site for more details
www.macdermidenvio.com

Email: isenquiries@macdermidenvio.com

© 2020 MacDermidEnvio.