

# WasteWizard® Case Study; Dip Parts Washer

## Dip Tank Parts Washer Ramco 100 Gallon Tank

**Problem:** The customer was generating a waste effluent from a parts cleaner used to clean parts and rinse dye penetrant (crack indicator) off parts. Before installing the WasteWizard system, the parts cleaner tank was dumped every week. The spent cleaner was hauled in 55-gallon (208 l) drums for processing. The customer was incurring significant costs to operate this parts washer including chemical, waste disposal and maintenance costs.

**Solution:** Ransohoff installed a WasteWizard System on the 100-gallon (380 l) dip tank and increased the bath life eight-fold (from one to eight weeks). The installation once again took less than 15 minutes and the customer saved money by recycling his cleaner. The customer significantly reduced his maintenance, waste disposal and cleaner costs. This customer also commented on the transparent operation of the WasteWizard. The WasteWizard did not require a cleaning or purging of the working tank in this eight week period. The WasteWizard had no prefiltration except for the 20-mesh strainer on the feed line.

The WasteWizard System proved to be a reliable, self-cleaning separation system that improved and maintained the parts washer bath quality and increased the overall productivity of the washer.