



World Class Cleaning Solutions

# CASE STUDY

## Sheet Metal Fabricator

### Customer Details:

**Product:** Formula 815MX

**Parts Cleaned:** Welded Sheet Metal Assemblies

**Removing What:** Lubricants

**Scenario:** Cleaning of assemblies prior to further assembly or shipping to customer

### Customer's Current Process:

**Current Chemistry:** A-Brite Endure- AIC-103L

**Concentration:** 10-12%

**Washer Type:** Miraclean Ultrasonic System

**Specific Metals:** Stainless Steel

**Temperature:** 140°F (60°C)

**Time:** 5 min

**Rinse Water Temp:** Ambient

**Rinse Water Number and Time:** 5 min

**Dry:** 150°F (65.6°C) for 5 minutes

**Tank Life:** 8 weeks

**Customer Improvement Requested:** Looking for longer tank life

**Other:** Wanted to get detergent locally



### BHC Recommended Process:

**Chemistry:** Formula 815MX

**Concentration:** 12-15%

**Temperature:** 160°F (71.1°C)

**Time:** 5 minute wash/rinse

**Rinse Water Temp:** Ambient

**Rinse Water Number and Time:** One pre rinse, two post rinses

**Dry:** 150°F (65.6°C) for 5 minutes

**Tank Life:** Shooting for 6 months

**Results:** Parts are coming very clean. Formula 815MX wasn't taking off weld burns/residue

**Reason BHC Won:** Set them up with titration kit and the tank operator titrates every Monday and adds if needed