

# CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2001

DateRun: 06/19/2001

Experimenters: Jason Marshall

ClientType: Electronics Manufacturer

ProjectNumber: Project #1

Substrates: Alloys, Aluminum

PartType: Part

Contaminants: Fluxes, Dirt

Cleaning Methods: Ultrasonics

Analytical Methods: Visual

Purpose: Pilot cleaning based on results from last cleaning trial

Experimental Procedure: Tower Products 279 Cleaner Concentrate was selected as the product to be used for cleaning the 22 supplied parts. A 1% solution was made up using DI water in a 16 L Crest 40 kHz ultrasonic tank model 4Ht 1014-6. Three parts were cleaned for 5 minutes at room temperature. Parts were rinsed one by one in a DI water ultrasonic bath for 1 minute also at room temperature. Parts were visually inspected and then packaged to be returned to client.

Results: All parts looked as clean as the demo part cleaned previously.

Summary:

<b>Substrates:</b>	Alloys, Aluminum				
<b>Contaminants:</b>	Fluxes, Dirt				
<b>Company Name:</b>	<b>Product Name:</b>	<b>Conc.:</b>	<b>Efficiency:</b>	<b>Effective:</b>	<b>Observations:</b>
Tower Products Inc	Tower 270 Cleaner Concentrate	1		<input checked="" type="checkbox"/>	

Conclusion: Parts have been sent back to client for further analysis.