CLEANING LABORATORY EVALUATION SUMMARY

SCL #:	2001
DateRun:	05/18/2001
Experimenters:	Jason Marshall
ClientType:	Electronics Manufacturer
ProjectNumber:	Project #3
Substrates:	Copper, Plastic
PartType:	Coupon
Contaminants:	Fluxes
Cleaning Methods:	
Analytical Methods:	Visual, microscopic
Purpose:	To evaluate Kyzne Ionoc HC 2 as a replacement for Ensolv for flux removal
Experimental Procedure:	The cleaning product, Ionox HC2, was used at full strength. It was heated to 60 C in a VWR Scientific Products Aquasonic 150 HT 40 kHz ultrasonic tank. The solution was degassed for 5 minutes. A basket containing dirty parts was submersed into the heated solution and cleaned for 5 minutes. After cleaning, the basket/parts were rinsed first in tap water and then DI water. The parts were dried using an oven (120 C) and a Mast Appliance Corp, Hot-air gun model HG-301A. Parts were inspected under a microscope for cleanliness. Parts were returned to facility for further inspection.
Results:	The five minute cleaning of the parts appeared to be successful. Further analysis will be performed at the client's site.

Summary:

Substrates:	Copper, Plastic				
Contaminants:	Fluxes				
Company Name:	**Product Name:**	**Conc.:**	**Efficiency:**	**Effective:**	**Observations:**
Kyzen Corporation	Ionox HC 2	100	0.00	☑	

Conclusion: Ionox HC 2 was successful in removing the flux from the supplied parts.