

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		<input checked="" type="checkbox"/>	

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