

Electro-Mechanical Recertifiers, Inc. (ER Inc.) is a premier technical restoration contractor specializing in the total recovery of E-M & specialty systems, as well as bio-medical equipment, AV/TV production equipment, food processing & commercial kitchen equipment, laboratory equipment, material handling systems, all machinery types, communication systems and IT/computers from mitigation through the complete restoration process.

Our fully equipped state of the art mobile disaster recovery lab is able to respond to a single loss event or a CAT loss occurrence anywhere throughout the U.S. to help in the recovery efforts.



We employ various aqueous cleaning methods including the Omega Sonics Ultrasonic immersion system.



Additionally de-ionized water is employed in the Omega Sonics electronic spray cabinets in our decontamination processes to clean sensitive electronics and parts prior to proper drying methods.



Our wet cleaning methodologies require very specific chemistries by substrate; proper chemicals including correct dwell and soak times consider how different contaminants affect the various substrates components and surfaces. Our various "recipes" allow us to achieve maximum results during the restoration process.



Power distribution gear damaged by water or smoke requires **extensive electrical equipment experience to evaluate and safely implement procedures such as "lock out/tag out" flash arc protection and instilling in our staff the attitude of constant situational awareness to ensure life, health and safety concerns of all personnel involved in our projects.** Power panels that have been affected by soot, heat, water or other contaminants require initial corrosion inhibitors and moisture displacement agents; these steps preserve items from further loss. We also offer a complete set of restoration procedures to rehabilitate, repair and test the components to pre-loss condition and standards.



This 2,000 amp main distribution breaker requires specific protocols to treat,

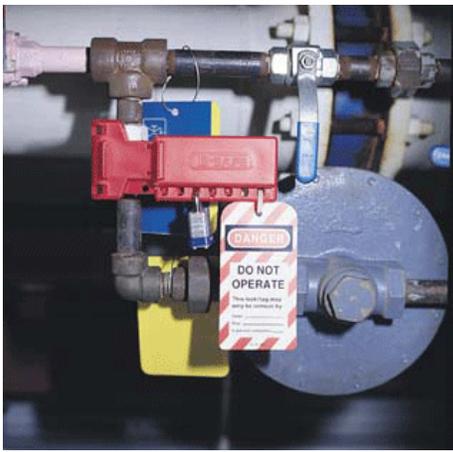
restore and test prior to putting back into service.

Dry Ice Blasting (CO²) method is the answer for many larger components, cabinets and cases. Also certain energized components can be cleaned using this technology.



Relay logic or PLC control wiring and panels must be restored including partially rewiring, replacement of micro-circuitry and sensitive relays, contacts and din rails prior to being tested and put back into service. It is important that professionals work on these technical aspects of the claim from beginning to end to ensure that the systems are inventoried, restored, tested and put back into service with track ability.





Our knowledge of machines and mechanical systems has allowed us to write procedures and methods ensuring complete proper decontamination, corrosion control, reassembly and final testing of various machinery and equipment. **Fast action key to recovery.**



Computer server racks with switches, routers and modems as well as network internet servers, phone servers, desk top units and related IT peripheral equipment must be serviced in the correct sequence to ensure against static electricity, data loss as well as bringing of the network back into operation.



Master storage media of all types' computer, AV tapes, and discs must be restored properly to ensure against media loss of valuable data.



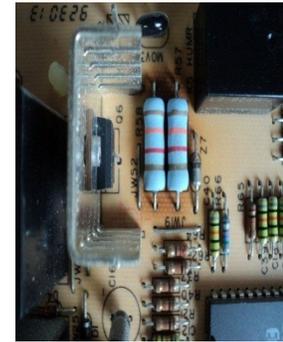
Our mobile lab offers a clean and climate controlled environment for technicians to work on damaged electronics and equipment. It is equipped with all the tools and technologies necessary to handle electronics, power gear, computers, parts, machinery, motors and all types of mechanical equipment restoration.



Once we are engaged- whether industrial, commercial and institutional settings; they can rely on our expertise and count on complete recovery of equipment. **We are available to dispatch our teams within hours 24/7/365 anywhere in the U.S.** Our professional staff consists of knowledgeable project managers and trained technicians, mechanics, engineers, testing firm and specialty service partners allowing service for technical machinery, equipment and complex building systems.



From the initial tagging inventory of items to restoration to re-commissioning of equipment we take the proper steps. **We ensure the success of the project by caring, following our written protocols and delivering what we promise.**



Whether a failed circuit board or a damaged close coupled pump/motor unit, **ER Inc. will recover it to high standards.**



ER Inc is here to help you resolve your technical claim issues



Electro-Mechanical Recertifiers, Inc. has designed the mobile lab using Omega Sonics equipment as the main aqueous methodology for electronics, parts and equipment damaged by smoke, water, sewage, operational dust and other perils.

