

SCOPE OF PROJECT

BARKER LEMAR was hired by the Missouri Waste Control Coalition to develop and teach seven-hour training classes regarding safe methods of demanufacturing appliances and evacuating or dismantling all potentially hazardous components.



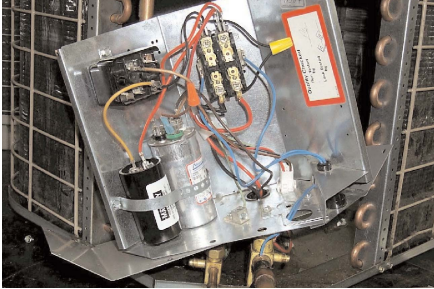
The class focused on the safe storage removal and packaging of mercury, PCBs, refrigerants, and chromium compounds. The training used numerous pictures to identify the location of specific components. The training also reviewed safe processing techniques for alternative refrigerants, and refrigerants used before the 1950s.

The training materials covered federal and state handling, disposal and transportation rules regarding toxic waste, hazardous waste, and regulated wastes commonly found in discarded appliances. **BARKER LEMAR** worked closely with state and federal regulators to clarify specific exemptions, interpretations, and safe and effective material identification techniques.



IMPLEMENTATION

BARKER LEMAR worked closely with the Missouri Waste Control Coalition initially to develop a grant application. After the coalition was awarded a state grant, **BARKER LEMAR** began to develop consensus on key handling issues related to ammonia-based refrigeration units, methyl chloride units, and sulphur dioxide refrigeration units. Additional clarifications were received from state and federal agencies regarding allowable air emissions and spill reporting. Since 2002, **BARKER LEMAR** has trained over 500 individuals working in Missouri, Iowa, Wisconsin, and Illinois on proper management of discarded appliances. **BARKER LEMAR'S** development partners provided invaluable video, examples of difficult to identify parts, and hundreds of digital photographs. These tools were used to develop and illustrate color training manuals provided to each participant.



SERVICES

BARKER LEMAR continues to hold a minimum of four classes every year, training over 50 new appliance demanufacturers. Class exercises, real appliance components, a color training manual, and opportunities to participate in quizzes, in-class activities, and an open forum discussion setting provide participants with valuable information easily referenced and retained.

TIMELINE

Project Start Date: Fall 2002 (Iowa), Fall 2005 (Missouri)
Project Completed: Fall 2002 (Iowa), Spring 2006 (Missouri)