

# Iowa Certified Automotive Recyclers Environmental Program

I-CARE Program was established by the [Iowa Automotive Recyclers](http://www.iowaautorecyclers.com) association to set a standard of excellence for automotive recycling in Iowa. Certification distinguishes IAR members as professional recyclers adhering to the highest standards of excellence in the industry. The certification process is an intensive on-site audit and documentation of the practices at individual Iowa salvage yards. Certification is conducted by an independent auditor approved by the IAR Board.

## I-CARE certification employs an *Environmental Management Systems* approach to the **Best Management Practices for Auto Recyclers**

### Environmental Standards for Fluid Evacuation – All fluids are removed from vehicles prior to storage in the yard.

<b>Used Oil</b> per 40CFR279 – all used oil is evacuated and stored in containers marked “Used Oil.” Used oil is recycled through a licensed used oil marketer or burned on-site in an approved used oil furnace.	<b>Fuel</b> per 40CFR260 – all used fuel evacuated from vehicles is re-used as fuel and therefore not a waste product. Varnished fuel is burned in two-cycle engines. Waste fuel is managed as a hazardous waste.
<b>Solvent</b> – per 40CFR260 – Waste solvent is managed as a hazardous waste and disposed through an EPA-permitted hazardous waste management company. Solvent are used infrequently at Iowa yards.	<b>Antifreeze</b> – per 40CFR260 – all used antifreeze is re-used in facility vehicles or sold as a retail product. Waste antifreeze is managed as non-hazardous waste through a reputable recycling service.

### Environmental Standards for Fluid Storage – Fluid storage is managed to prevent exposure to the environment.

<b>Fluid Storage</b> – fluids are stored in containers with good integrity, under cover or indoors or with secondary containment. Fluid management is the most critical role a professional recycler plays.	<b>Emergency response</b> – fluids spills are managed according to applicable rules.
<b>Scrap engine and core storage</b> – are stored under a permanent roof on an impervious surface, in an outside covered weather-proof container, or an impervious surface that drains to an oil-water separator.	<b>SPCC</b> per 40CFR112 – Spill Prevention Control and Countermeasure plans are developed prior to July 1, 2009 for facilities with petroleum product storage in excess of 1,320 gallons.
	<b>Vehicle Storage</b> – Stored vehicles hood are routinely kept closed to reduce exposure to the elements.

### Environmental Standards for Recyclable Wastes – Waste exempt from hazardous waste management are recycled.

<b>Batteries</b> – Lead-acid batteries are removed and recycled off-site as exempt recyclable waste through a reputable battery recycler.	<b>Mercury Switches</b> per 40CFR273 – Mercury switches are recovered from vehicles prior to crushing. Mercury switches are process through the ELVS program under the Iowa Mercury-Free Recycling Act.
<b>Refrigerant</b> – Air conditioning refrigerant is evacuated by MACT certified technicians and recycled off-site as exempt recyclable waste through a reputable reclamation service.	<b>Fluorescent Bulbs</b> per 40CFR273 – Spent fluorescent bulbs are managed as universal Wastes and disposed through a reputable recycling service.
<b>Tires</b> per IAC 117 - On-site tire storage kept below the 3,500 salvage yard tire storage limitation pursuant to Iowa Code section 321H.4.	

### Safety Standards– Occupational Health and Safety standards protect the employees and customers at the facility.

<b>Use PPE</b> – Utilization of basic personal protective equipment including goggles, shields, gloves, safety shoes & safety clothing.	<b>Fire Extinguisher</b> – Readily available, appropriately typed and fully charged fire extinguishers.
<b>First Aid Kit</b> – A stocked first aid kit is maintained on-site.	<b>Eye Wash Station</b> – OSHA approved 15-minute eye wash station(s) readily accessible near corrosive materials.
<b>MSDS Available</b> – Material Safety Data Sheets are readily available for products used at the facility.	<b>Spill Kit</b> – Spill cleanup kit is maintained on-site.

### Safety Training– Employee safety training programs reduce risk and accidents at the facility.

<b>Safety Supervisor</b> – A safety program with a particular individual in charge of regularly scheduled safety meetings and safety inspections.	<b>Airbag Shipping Training</b> - Employees are trained on the DOT standards for the safe shipping of recycled non-deployed airbags. Certification is maintained.
<b>Cutting Torch Training</b> – Employees are trained on the safe use of gas cutting torches through the use of the published Cutting Torch Protocol.	<b>Forklift Training</b> - Employees are trained on the safe operations for fork trucks at the facility. Certification is maintained.

### Licensing Standards – Certified auto recyclers maintain all applicable permit and licenses.

<b>Recyclers License</b> – Iowa Department of Transportation (DOT) Vehicle Recycler’s License is required of a dealer who engages in the business of vehicle salvage, vehicle rebuilder or selling used parts.	<b>Storm Water Permit</b> – Ensure compliance with Iowa Storm Water regulatory requirements including maintain a state permit, developing a storm water pollution prevention plan, conducting storm water runoff sampling and engaging in employee training.
<b>Sales Tax Permit</b> – The Iowa sales tax permit authorizes the retailer to collect sales tax from a customer and then the permit number is used to when remitting the sales tax collected back to the state.	<b>EPA Hazardous Waste Generator Category</b> – Identify hazardous waste and the facility generator category based on generation rates. Most Iowa auto recycles are Conditionally Exempt Small Quantity Generators or generate no hazardous waste once all exempt waste are recycled.
<b>Household Hazardous Materials (HHM) Retail Sales Permit</b> per IAC144 – maintain an HHM Permit from the Iowa Department of Revenue for the retail sale of household hazardous material such as antifreeze, batteries, oil and oil filters. Provide consumer education by posting informational material.	

The I-CARE Program has been reconciled with the Automotive Recyclers Association (ARA) Certified Automotive Recycler (CAR) program. Each of the ARA CAR program standards is included in I-CARE or incorporated into more stringent/specific Iowa standards.

Download the I-CARE program Manual at [http://www.sueschauls.com/ICARE\\_v5\\_Jan2009.pdf](http://www.sueschauls.com/ICARE_v5_Jan2009.pdf).

