


## SADOFF IRON & METAL COMPANY MATERIAL ACCEPTANCE POLICY

Sadoff Iron & Metal Company is committed to the health and safety of its Employees and Customers as well as to conducting an environmentally safe and clean operation. Therefore, we cannot accept items that present a threat to human health or the environment. When prior approval is needed final approval will come from a QEHS representative. Such items include, but are not necessarily limited to, the following:

<b><i>MATERIAL</i></b>	<b><i>CONDITIONS OF ACCEPTANCE</i></b>
<b><i>SUBMERSIBLE WELL PUMPS</i></b>	NONE (do not accept)
<b><i>CAPACITORS OR CAPACITOR BEARING MATERIALS AND BALLASTS OR ITEMS CONTAINING BALLASTS</i></b>	Capacitors and ballasts will be accepted in the non-ferrous warehouse if they are labeled to be NON-PCB capacitors or if there is evidence of being manufactured after 1998. Items that once contained capacitors will be accepted only if all capacitors have been removed (in compliance with all state and federal regulations). E-Scrap is exempt from capacitor removal
<b><i><u>LIGHT LAMPS</u></i></b>	NONE (do not accept) SEE ATTACHED SHEET
<b><i>APPLIANCES, HOUSEHOLD</i></b> <i>(refrigerators, dryers, microwaves, dehumidifiers, air conditioners, commercial coolers, dishwashers, furnaces, freezers, clothes washers, hot water heaters, kitchen ranges/ovens, thermostats, drinking fountains, fluorescent lights, trash compactors, vending machines, etc.)</i>	Appliances, household items will be accepted if all CFC's, hydrochlorofluorocarbons (HCFC's), or substitute refrigerants, ammonia, and other hazardous materials have been removed by a licensed Dealer (in compliance with all state and federal regulations), and the <u>Dealer has supplied Sadoff with written certification on either form ENV21 or ENV22</u> and indemnification. Must be free of all capacitors and ballasts and mercury-containing components ( <u>lamps, switches</u> ). Must be free of Sodium Potassium (NaK) switches.  <i>Sadoff facilities that decommission appliances will accept appliances containing CFC's that are not baled or crushed. Please call your local Sadoff facility to determine capabilities.</i>
<b><i>ASBESTOS-CONTAINING SCRAP</i></b> <i>(furnaces, pipes, building materials, etc.)</i>	Scrap that once contained asbestos will be accepted if all asbestos has been removed per applicable regulations.

<p><b><i>BARRELS, DRUMS, AND OTHER CONTAINERS</i></b></p>	<p>Barrels, drums, and other containers are acceptable if properly cleaned and free of all remaining product. Skinned coatings that are nonhazardous and have been dried (baked) are acceptable.</p>
<p><b><i>BATTERIES, LEAD-ACID ONLY</i></b></p>	<p>Lead-acid batteries must be whole and un-cracked to prevent spillage. If cracked, batteries must be fully drained and dry. If batteries are “wet” they must be placed in a plastic bag. Lead-acid batteries must be removed from any other scrap stream. All batteries must be shipped in a manner that protects terminals from short circuits that can cause a fire.</p>
<p><b><i>NICKEL-CADMIUM (DRY OR WET), LITHIUM, LITHIUM-ION, NI-METAL HYDRIDE, ABSOLYTE &amp; HYBRID BATTERIES</i></b> <i>This includes all batteries that are not lead-acid.</i></p>	<p>We do not accept concussed, damaged, bulging, smoking or batteries actively reacting to chemical cross-contamination. All batteries must be shipped in a manner that protects terminals from short circuits that can cause a fire. Obtaining from the general public will be managed by each site Manager. Automotive Hybrid Batteries will not be accepted, in any case, without prior approval from the QEHS Team.</p>
<p><b><i>COMPRESSED/LIQUEFIED GAS CYLINDERS AND VESSELS</i></b> <i>(oxygen, propane, acetylene, argon, refrigerants, fire extinguishers, etc.)</i></p>	<p>Compressed/liquefied gas cylinders and vessels will be accepted if empty, segregated, valves removed, depressurized, empty of any fire extinguisher media, and rendered unusable. Any cylinder over 2 ½# in volume that contained pressurized gas that supported combustion shall be cut in half.</p>
<p><b><i>GAS TANKS</i></b></p>	<p>Gas tanks are acceptable if they are drained, <u>to ensure emptiness they must have holes</u> on each side and are separated on a load. Arrangements should be made with a Sadoff Buyer in advance of delivery.</p>
<p><b><i>DROSS, METALLIC</i></b></p>	<p>Dross metallic will only be accepted if certification and documentation that the dross has been managed in compliance with applicable legal requirements.</p>
<p><b><i>TELEVISION SETS</i></b></p>	<p>Televisions must be whole and intact. We do not accept CRT with broken screens, and we do not accept “bare” tubes that have been removed from the housing. <u>*Acceptance fee will apply</u></p>
<p><b><i>TIRES</i></b></p>	<p>Sadoff reserves the right to charge for the handling of tires mixed in a scrap load. Tires are only accepted with prior approval from the QEHS Team.</p>

<b>AUTOMOBILES / VEHICLES</b> 	Non-Electric Automobiles / Vehicles are accepted if properly decommissioned and have proper documentation <i>Certain sites have demanufacturing capabilities please call your local Sadoff branch to determine their capabilities.</i>
<b>HYBRID / ELECTRIC VEHICLES</b>	NONE (do not accept)
<b>NON-METALLICS, DIRT / SOILS</b> <i>(Including but not limited to dirt, soils, garbage, concrete, tar, paper, rags, wood, food products, and plastic.)</i>	NONE (do not accept)
<b>TRANSFORMERS</b>	Transformers that are cleaned and certified free of PCB's will be accepted. Any unit containing oil will not be accepted.
<b>MERCURY</b>	We will accept only automotive mercury switches that are removed and collected under the National Vehicle Mercury Switch Recovery Program (NVMSRP).
<b>USED OIL FILTERS</b>	Used oil filters will be accepted only if complete incineration has occurred, or non-metallic has been removed and the steel washed to remove all oil by a certified processor.
<b>REFRIGERANTS (CFC's and SUBSTITUTES)</b>	Any item containing CFC's, hydrochlorofluorocarbons (HCFC's) or substitute refrigerants (air conditioners, refrigerators, compressors, etc.) will be rejected unless the CFC's have been completely removed by a licensed Dealer in compliance with all state and federal laws, and/or proper documentation has been supplied and is on file at Sadoff Iron & Metal Company. Sadoff facilities that recover refrigerants may accept scrap with refrigerants if the item is not baled or crushed.
<b>RADIOACTIVE SOURCES</b> <i>(gauges and measuring devices using radioactive source material, medical equipment containing a radioactive source, cameras containing a radioactive source, underground pipe, etc.)</i>	NONE (do not accept)

<b><i>AMMUNITION</i></b>	Only small arms caliber brass shells are acceptable if they are not live rounds and must be segregated from other material. No military ammunition will be accepted.
<b><i>SCRAP CONTAINING FLUIDS (oil, fuel, coolant, antifreeze, cutting oil, hydraulic oil, solvents, etc.)</i></b>	Scrap that once contained fluids are acceptable if all fluids are drained prior to delivery. See also BARRELS/DRUMS and AUTOMOBILES.
<b><i>EXPLOSIVES</i></b>	NONE (do not accept)
<b><i>TANKS, ABOVEGROUND AND UNDERGROUND STORAGE (mobile, portable, fixed)</i></b>	<u>Tanks are acceptable if they have an opening cut into it that is large enough to see through</u> , are dry, are cleaned, and are cleaned by a registered remover/cleaner. Must be free of coatings such as tar, plastic, resin, etc.
<b><i>BAGHOUSE &amp; LASER DUST</i></b>	Baghouse dust & Laser dust is acceptable only with prior approval from the QEHS Team. Containers that previously held baghouse/laser dust must not have leftover residue in them.
<b><i>MACHINERY</i></b>	Machinery is acceptable if free of capacitors, pressurized hoses, drained of oils, excessive grease, and any other banned items.
<b><i>WHEEL WEIGHTS</i></b>	Wheel weights may be delivered as a separate item to the non-ferrous warehouse. Wheel weights may not be attached to wheel rims used as a shredder item or delivered as foundry steel.
<b><i>BEER KEGS</i></b>	Beer kegs are acceptable if accompanied by a letter of sale by the Owner (Brewery).
<b><i>WASTE, HAZARDOUS OR TOXIC (as defined by Federal, State, or Local regulations)</i></b>	NONE (do not accept)
<b><i>STOLEN MATERIAL</i></b>	NONE (do not accept)
<b><i>FREE-FLOWING FLUIDS (Oils, lubricants, or additives)</i></b>	NONE (do not accept) Any product or component containing these items is banned and will be returned to the generator at the generator's expense.
<b><i>PERFORATED GUNS (FRACKING PIPE)</i></b>	NONE (do not accept)
<b><i>PRINTERS (DESK, HOME, OR OFFICE)</i></b>	Acceptable if toner removed from the device.

<b><i>TONER AND INKJET</i></b>	Must be whole and intact. If damaged/broken/leaking will not be accepted.
<b><i>RECREATIONAL VEHICLES (RVS) &amp; MOBILE HOMES.</i></b>	RV – Will not accept without prior approval. Must be decommissioned, LP tanks removed, “internal non-recyclables” removed and must be laid flat. Mobile homes – Will not accept without prior approval
<b><i>BUSES</i></b>	Must be decommissioned and seats removed
<b><i>REBAR</i></b>	Will not accept without prior approval and must be clean.
<b><i>SAFES</i></b>	Will not accept without prior approval and must be free of any fireproofing material.

**Sadoff Iron & Metal Company is neither a licensed hazardous waste hauler nor a hazardous waste disposal site. Any hazardous material or item will be returned to the generator in full compliance with all state and federal rules and regulations. All costs related to handling and returns will be at the generator’s expense.**

## TYPES OF LAMPS

Many types of lamps contain heavy metals, like lead and mercury, at levels that can exceed hazardous waste limits. These include but are not limited to:

### Fluorescent lamps (tube-style)

- commonly used as overhead lighting in offices; can also come in compact shapes for home and office uses



### Compact fluorescent lamps (CFLs)

- CFLs are smaller versions of tube-style fluorescent lamps and are used in place of incandescent lamps



### Mercury vapor lamps

- mercury vapor or "HID" lamps with blue-white light, originally and often used as farmyard lights



### Metal halide lamps

- newer, more efficient HID lights found in homes and businesses; also used for blue-tinted car headlights



### High-pressure sodium-vapor lamps

- generate white-yellow light used for street lamps and outdoor security lighting



### Ultraviolet lamps

- used in water and air purifiers for germicidal purposes; also used in tanning salons



### Neon lights

- emit various colors of light depending on the mixture of gases and color of the glass; red neon lights do not contain mercury while almost every other color of "neon" does



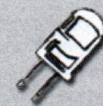
### Black lights\*

- used mainly for theatrical and concert displays



### LED lamps (light-emitting diodes)

- colored lights used in traffic signals, screens and other illuminated displays; red LEDs often contain lead



\* Some UV fluorescent lamps designed to attract insects (bug zappers) use the same near UV emitting phosphor as normal black lights but use plain glass which has the effect of making them appear light blue to the naked eye. These lamps are referred to as "blacklite" or "blacklight blue."

## DRUM TOP LAMP CRUSHERS

The Wisconsin Department of Natural Resources and Department of Health Services **strongly discourage** the use of drum top fluorescent lamp crushers due to the potential for human exposure to mercury emissions from these units.

However, if a facility does use a drum top crusher, crushing the lamps may be considered a step in the recycling process and exempt from permitting as a hazardous waste management facility. To gain this potential exemption, the Wisconsin DNR encourages facilities to send crushed lamps offsite for legitimate recycling or reclamation. The spent filters from the crusher may also be hazardous waste when discarded, and must be properly managed. Crushed lamps and filters are subject to all applicable hazardous waste generator requirements, including use of a hazardous waste manifest when shipping crushed lamps offsite to a recycler and not storing lamps longer than 90 or 180 days, depending on the company's generator status. See the U.S. Environmental Protection Agency's [webpage on drum top crushers](#) for information.

**NOTE:** A Wisconsin air permit is required if the thresholds of [ch. NR 446.03](#) or [ch. NR 445, Wis. Adm. Code](#) are exceeded. When sources have the potential to emit 10 pounds of mercury per year, [ch. NR 446, Wis. Adm. Code](#) requires best available control technology (BACT) for mercury controls.

## FINDING A LAMP RECYCLER

A list of self-identified lamp recyclers can be found in the Wisconsin Recycling Markets Directory, (<http://wisconsinrecyclingdirectory.com>). Inclusion on the list does not imply endorsement or recommendation from the DNR. Waste lamp generators should check to make sure their chosen recycler meets all local, state and federal regulatory requirements and actually recycles a significant portion of the lamp material accepted.

## DNR CONTACT INFORMATION

For more information on this subject, including other publications, staff contacts and administrative codes and statutes, search by topic or WA publication number at [dnr.wi.gov](http://dnr.wi.gov), or contact Waste & Materials Management staff. Staff contacts for DNR regional offices can be found by searching "[waste regional office](#)."

**Mailing address:** DNR Waste & Materials Management Program, PO Box 7921 Madison, WI 53707

**Email:** [DNRWasteMaterials@Wisconsin.gov](mailto:DNRWasteMaterials@Wisconsin.gov)

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**Disclaimer:** This document is intended solely as guidance and does not contain any mandatory requirements except where requirements found in statute or administrative rule are referenced. Any regulatory decisions made by the Department of Natural Resources in any matter addressed by this guidance will be made by applying the governing statutes and administrative rules to the relevant facts.

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