



SCHNITZER STEEL INDUSTRIES, INC.

69 Rover Street P.O. Box 490905 Everett, Massachusetts 02149
Phone: (617) 389-8300 Fax: (617) 389-8030

Shredder In-feed Guidelines and Procedures

In order to comply with existing federal, state and local safety and environmental laws and regulations, PLEASE TAKE NOTICE THAT the following items ("Prohibited Items") will not be accepted at our plant and MUST BE REMOVED from cars, white goods or any load of shredder material BEFORE DELIVERY TO OUR PLANT.

PROHIBITED ITEMS

1. Batteries or pieces of batteries (including lead battery terminal connectors)
2. Propane bottles, gas cylinders and pressurized vessels. Fuel tanks must be removed and flattened or evacuated of all fluids utilizing industry and environmentally safe practices to be accepted with autos. **Failure to properly process fuel tanks may result in rejection of entire load.**
3. Fluorescent light ballasts, capacitors, wet or dry transformers, or any other materials which may contain PCB's
4. Refrigerants, including but not limited to Chlorofluorocarbons (CFCs) and Hydro chlorofluorocarbons (HCFCs) (Note: Refrigerants must be properly recovered, not vented)
5. Mercury Switches
6. Lead wheel weights
7. Chain link fencing
8. Any cans, containers or components containing oil, brake fluid, anti-freeze, lead additives or other fluids
9. Sealed barrels, drums, pails and buckets
10. Closed containers
11. Garbage, rags, paper and other debris
12. Heavy unshreddable scrap, cable and wire
13. Steel or cast iron borings or turnings
14. Sealed compressor motors
15. Any radioactive material or radioactive containment material
16. Any parts or pieces of items 1 to 15 above

* Note: We will only accept a maximum of 4 tires and one spare per vehicle. ALL tires must be on rims and "bolted" to the vehicle. Bolted means to the axle and spare tire storage area/rack only. We will NOT accept any loose tires. Loose tires shipped in any vehicle or load will result in a MINIMUM deduction of \$10.00/NT for the entire load. Repeat instances of loose tires in shipments will result in the rejection of the affected load(s).

All flattened and semi-flattened cars must be color-coded. If your load is not color-coded your trucks could experience delays at our yard while we inspect your load. No load will be allowed over our scale without a color code, unless the load can be inspected prior to your departure from our yard.

IF PROHIBITED ITEMS ARE NOT REMOVED, THEY AND THE MATERIAL THEY CAME WITH MAY BE REJECTED. WE RESERVE THE RIGHT, AT OUR DISCRETION, TO PROPERLY REMOVE AND DISPOSE OF THE PROHIBITED ITEMS AT THE SUPPLIER'S EXPENSE.

Required Preparations for Automobiles

All automobiles shall be drained of air conditioning refrigerant, mercury switches and fluids in accordance with Federal, State and Local regulations. The battery and battery terminal connectors must be removed from all vehicles. Automobiles may not contain heavy scrap, excess dirt, tires, wire rope, steel cable, fencing, large balls of wire or other non-shreddable items.

SAMPLE

Town of New Boston
Office of Selectmen
P.O. Box 250
New Boston, NH 03070
(603) 487-5504

Municipal Volunteer Form

I hereby certify and acknowledge that I am a volunteer of the Town of New Boston, NH. I agree to abide by all procedural and safety rules and regulations which are in place in the department for which I volunteer. I agree to perform only those duties specifically approved by the department head in charge of the municipal facility for which I volunteer. I agree to perform only those tasks which I am physically capable of undertaking. I understand the Town has the right to discontinue these services at any time for any reason. My volunteer duties are outlined below:

Department:

Type of Work:

Special Requirements:

Signature of Dept. Head:

Date:

Signature of Volunteer:

Date:

Volunteers of the Town of New Boston should address any and all questions/concerns they may have to the supervisor in charge of their volunteer project.

cc: Office of Selectmen
Department Head

Non-Ferrous Board

Material Code	Material Description
1303	Aluminum 5052
1304	Aluminum 6061
1305	Aluminum 6061 Turnings
1310	ACSR (65%)
1312	Aluminum Cast Clean
1313	Aluminum/Copper Fins/Rads "Talk"
1314	Aluminum/Copper Fins Irony
1317	Aluminum EC Wire
13180	Aluminum Extrusions (6063)
1323	Aluminum MLC's
13260	Aluminum Old Sheet (Baler only, not for shredding)
1335	Unclean Aluminum Rads
1336	Alum Irony High Grade (Min. 70+% AL recovery)
1337	Alum Irony Mid Grade (Min. 50+% AL recovery)
1338	Alum Irony Low Grade (Min. 35+% AL recovery)
1339	Aluminum Box Trailers
1345	Aluminum Cans
1351	Aluminum Wheels Auto Clean
1352	Aluminum Wheels Auto Dirty (Max. 25 contamination)
1353	Aluminum Wheels Truck
1401	Brass Solids Mixed - Misc. Yellow Brass
1407	Heater Core
1408	Brass Pipe
1410	Brass Radiators Clean (ocean)
1411	Brass Radiators Irony (Maximum 15% Fe)
1412	Brass Rod Solids
1413	Brass Rod Turnings
1415	Brass Shells Mixed
1417	Brass Turnings Mixed (Maximum 2% Fe)
1423	Composition Bronze Solids (foundry red)
1424	Composition Bronze Turnings
1501	Copper #1
1502	Copper #2
1503	Copper #1 Bare Bright
1505	Electric Motors
1507	Copper Light
1508	Copper Light (Unclean, Max. 10% contamination)
1511	Copper Turnings
1513	Copper #1 Stripable Minimum 75-80% Copper
1514	Copper #1 Insulated Minimum 60-65% Copper
1515	Copper #2 Insulated (House) Minimum 50-55% Co
1516	Copper Communication Wire Minimum 30% Copper
1521	Wire Harness

Non-Ferrous Board

Material Code	Material Description
1708	Stainless 304 Solids
1709	Stainless 304 Turnings
1710	Stainless 316 Solids
1711	Stainless 316 Turnings
1715	Stainless 304 Irony Maximum 15% Fe
1716	Stainless 304 Unprepared
1801	Lead Batteries Auto (LB)
1803	Batteries Steel Case/Ind.
1805	Lead Solids
18070	Lead Wheel Weights
1902	CATV Cable
1903	CATV Cable w/steel
1906	Magnesium Solids
1907	Magnesium Turnings
1910	Zinc Solids
1917	Die Cast
1918	Irony Die Cast
1919	Mercury Switches
1931	Small Foreign - Cat
1932	Small Domestic - Cat
1933	AC - Cat
1934	Large Domestic - Cat
1935	Large GM - Cat
1936	Large Foreign - Cat
1937	Bead - Cat
1938	Truck Bead Cat
1939	Pre - Cat
1940	After Market - Cat
1941	Exotic - Cat
1942	Foil - Cat



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Guidelines for Iron and Steel Scrap

Automobiles/Light Trucks

All automobiles shall be drained of air conditioning refrigerant, mercury switches and fluids in accordance with Federal, State and Local regulations. The battery and terminal connectors shall be removed from all vehicles. (If vehicle is towed in, you may remove the tires and take them with you). Automobiles may not contain heavy scrap, excess dirt, tires, wire rope, steel cable, fencing large balls of wire or other non-shreddable items. Please refer to shredder in-feed specifications and procedures for a complete listing of prohibited items.

Motor Blocks

Automobile and light truck motors from which steel and non-ferrous fittings may or may not be removed. Motor Blocks shall be drained of all fluids and free of drive shafts, frame parts, hoses or excessive contaminants. We will not accept large motors from heavy equipment, large trucks or marine equipment.

Light Iron

Light metal 1/8 inch and under in thickness - (includes items such as lawn mowers, bicycles, swing sets, water heaters, tin sheds, metal shelving, steel desks, appliances, etc.). Appliances must be free from all capacitors, CFC's and HCFC's. We will not accept refrigerators or air conditioners unless they have been properly drained of refrigerant, with all capacitors removed. No microwaves, computers, televisions or other household electronics. Please refer to shredder in-feed specifications and procedures for a complete listing of prohibited items.

#1 HMS, Prepared

Wrought iron and/or steel scrap, 1/4 inch and over in thickness. Individual pieces may not exceed 60 x 18 inches in size and must be prepared in a manner to insure compact charging. (Material exceeding one inch in thickness may not exceed 36 x 24 inches in size.) May not include automobile/light truck scrap, galvanized material, sheet iron or thin-gauged material. Sealed containers must be opened (cut) and drained of any fluids/gases, with valves removed.

#1 HMS, Unprepared

Material that exceeds above measurements for #1 HMS, Prepared and requires preparation by shearing or torching. We will only accept by special permission, heavy machinery or equipment, hydraulic cylinders and rams, fork-lifts, counterweights, boiler tube assemblies, transformers or material exceeding one inch in thickness that must be prepared by torching. Storage tanks must clean and purged of all fluids/gases, as well as, free of plastic, fiberglass or asbestos coatings/liners. Tanks that held hazardous chemicals must be certified clean and free of hazardous material by competent authority. We must be able to inspect the inside of tanks; therefore, all tanks must have the access panel removed or a "basketball" sized section removed for inspection purposes.

#2 HMS, Prepared

Wrought iron and/or steel scrap, black and/or galvanized, 1/8 inch and over in thickness. Individual pieces may not exceed 36 x 18 inches in size. May include automobile scrap properly prepared and free of sheet iron or thin-gauged material. May not include cable over 36 inches in length. Sealed containers must be opened (cut) and drained of any fluids/gases, with valves removed.

#2 HMS, Unprepared

Material that exceeds above measurements for #2 HMS, Prepared and requires preparation.

Guidelines for Iron and Steel Scrap

Plate & Structural

Clean open-hearth steel plates, structural shapes, crop ends and shearings scrap, ¼ inch and over in thickness. Individual pieces may not exceed 60 x 24 inches in size and must be prepared in a manner to insure compact charging. (Material exceeding one inch in thickness may not exceed 36 x 24 inches in size.) May not include pipe or reinforcing bar (rebar).

Plate & Structural, Unprepared

Material that exceeds P&S, Prepared sizing requirements and requires preparation by mechanical shearing or torching, dependent upon material size and shape.

Mixed Cast

May include all grades of cast iron except burnt iron, sash weights or foreign material. Sizing may not exceed 24 inches x 30 inches or any one piece over 150 lbs in weight.

Busheling

Clean, uncoated and unpainted new production scrap, not exceeding 2 ft x 3 ft in size. Must be alloy free. Must be free of non-ferrous metals and non-metallics of any kind, including but not limited to, excessive dirt, loose turnings, oil, grease, excessive rust, tin plate, galvanized metal, stainless steel, chrome or porcelinized coatings (such as appliance coatings), etc. Must lay reasonably flat in a truck/railcar.

Unprepared Busheling

Consists of clean, uncoated and unpainted new production scrap, not exceeding 5 ft x 10 ft in size. Must be alloy free. Must be free of non-metallics of any kind, including but not limited to, excessive dirt, loose turnings, oil, grease, excessive rust, tin plate, chrome or porcelinized coatings (such as appliance coatings), etc.

No. 2 Bundles

Old black and galvanized steel sheet scrap, hydraulically compressed to charging box size and weighing not less than 75 pounds per cubic foot. May not include tin or lead-coated material or vitreous enameled material.

Items we cannot accept in iron and steel scrap:

- Batteries or lead
- Scrap containing refrigerants, asbestos or capacitors
- Crushed or baled barrels or drums
- Paint or undrained containers
- Closed containers such as acetylene, propane, gas or oxygen bottles
- Scrap containing rubber, oil, tar or heavy grease coatings
- Fuel tanks unless flattened, clean and free of plastic or fiberglass coatings
- Concrete, dirt, wood, non-metallics, paper, cardboard, plastics, tires, or glass