



Scrap Specifications

**Receiving hours: 7:00 am – 3:00 pm
Monday – Friday**

Receiving Rail lines – Norfolk Southern / Wheeling & Lake Erie

No 65' Railroad Cars

Barge Destination – Steubenville, Ohio

No. 1 Industrial Bundle – EAF

All bundled material is to be free of nonmetallic, dirt, oil, grease, wood, rubber, cement, etc.

Black painted galvanized compressed new steel sheets. Clips or busheling.

Size: 2' x 2' x 2' max ----- Minimum bulk density 75 lbs. per cubic foot

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S	Mn
Max.	0.07	0.04	0.008	0.06	0.01	0.01	0.03	0.6

Bundles should contain none of the following:

Auto Shred	Shafts	Crushed drums
Heavy Melt	Lead	Mercury Switches/Mercury Bearing Scrap
Conduit	Copper	
Electric Motors	Nickel	
Cast Iron	Chrome	
Re-Bar	Manganese	
Bearings or Races	Track Pads	
Tinplate material	Bucket teeth	
Rolls	Sealed containers	
Gears	Batteries	

If material should pass the initial inspection but after partial unloading, material not meeting the above specification, Strauss-WPSC retains the right to keep the material that passed inspection but reject the balance.

No. 1 Busheling / Shredded Clips

Clean, prompt industrial sheet steel scrap free of coatings.

Max size 5' x 2' or 4' x 3'

Min size – 4"

Minimum bulk density 45 lbs. per cubic foot

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S	Mn
Max	0.07	0.05	0.01	0.064	0.015	0.02	0.03	0.9

All Busheling material is to be clean steel free of nonmetallic, dirt, oil, grease, wood, rubber, cement, etc.

Material is to contain no railroad car sides or Journal boxes.

Material is to contain no Heavy Melt Material of any kind.

Busheling should contain none of the following:

Automotive Shred	Chrome Shafts	Condenser tubing or boiler tube
Heavy Melt	Lead	Tin Plate
Conduit	Copper	Banded Coils
Electric Motors	Nickel	Mandrel Coils
Cast Iron	Chrome	Mercury Switches/Mercury Bearing Scrap
Reinforcing Rod	Manganese	Flame Cut Plate
Rebar	Track Pads	Flashings
Bearings or Races	Bucket teeth	
Rolls	Sealed Containers	
Gears	Batteries	

If material should pass the initial inspection but after partial unloading, material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed inspection but reject the balance.

Pipe Busheling

Steel Pipe scrap free of coatings.

Max size 5' x 3'

Max 6" diameter

Minimum bulk density 45 lbs. per cubic foot

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S	Mn
Max.	0.07	0.05	0.01	0.064	0.015	0.02	0.03	0.90

All Pipe Busheling material is to be clean steel free of nonmetallic, dirt, oil, grease, wood, rubber, cement, etc.

Material is to contain no railroad car sides or Journal boxes.

Material is to contain no Heavy Melt material of any kind.

Busheling should contain none of the following:

Automotive Sheet	Chrome Shafts	Borings
Heavy Melt	Lead	Turnings
Conduit	Copper	Condenser tubing or boiler tube
Electric Motors	Nickel	Lined pipe (plastic, refractory, etc.)
Cast Iron	Chrome	Mercury Switches/Mercury Bearing Scrap
Reinforcing Rod	Manganese	
Rebar	Track Pads	
Bearings or Races	Bucket teeth	
Rolls	Sealed Containers	
Gears	Batteries	

If material should pass the initial inspection but after partial unloading, material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed inspection but reject the balance.

Tin Plate / Tin Can Bundles – EAF

Max size: 2' x 2' x 2'

Tin plate scrap free of polymer or organic coating, tin cans.

Minimum bulk density 75 lbs. per cubic foot

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S	Mn
Max.	0.1	0.08	0.01	0.05	0.21	0.06	0.03	0.6

All tin plate/tin can bundles are to be clean steel free of nonmetallic, dirt, oil, grease, wood, rubber, etc.

Material is to contain no municipal scrap.

Material is to contain no Heavy Melt material of any kind.

Tin Plate/Can Bundles should contain none of the following:

Borings	Manganese
Loose Turnings	Lead
Wood	Enamel Coating
Paper	Condenser tubing or boiler tube
Rolls	Mercury Switches/Mercury Bearing Scrap
Gears	
Shafts	
Copper	
Nickel	
Chrome	

If material should pass the initial inspection but after partial unloading, material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed inspection but reject the balance.

4' Rail Crops

Size: 4' Max length

Minimum bulk density must be 50 lbs. per cubic foot

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S	Mn
Max.	0.1	0.1	0.02	0.15	0.01	0.04	0.01	1

All Rail Crop material is to be clean steel free of nonmetallic, dirt, oil, grease, wood, rubber, cement, etc.

Rail Crop should contain none of the following:

Rail Frogs

Reinforcing Rod

Rebar

P&S

Heavy Melt

No Manganese

Flame cut

Mercury Switches/Mercury Bearing Scrap

Other acceptable types of material mixed in with Rail Crop scrap meeting Strauss – WPSC Specs:

OTM

If material should pass the initial inspection but after partial unloading, material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed inspection but reject the balance.

OTM – Tie Plates, Spikes, Anchors, Tie Bars, Axles

Size: 3' and under

Minimum thickness is equal to or greater than ¼"

Minimum bulk density must be 50 lbs. per cubic foot

May contain up to 5% pandrel clips

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S	Mn
Max.	0.1	0.1	0.015	0.15	0.01	0.04	0.03	0.1

All railroad material is to be clean steel free of nonmetallic, dirt, oil, grease, wood, rubber, cement, etc.

OTM should contain none of the following:

Rail Frogs & Switches

Reinforcing rod

Rebar

Mercury Switches/Mercury Bearing Scrap

Other acceptable types of material mixed in with OTM scrap meeting Strauss-WPSC specs:

Rail Crops

If material should pass the initial inspection but after partial unloading, material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed inspection but reject the balance.

Plate and Structural

Size: 4' x 3' x 2'

Minimum thickness greater than or equal to ¼"

Minimum bulk density must be 50 lbs. per cubic foot

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S	Mn
Max.	0.2	0.15	0.03	0.26	0.01	0.06	0.03	0.6

All P&S material is to be clean steel free of nonmetallic, dirt, grease, wood, rubber, cement, etc.
Material is to contain no heavy melt material of any kind.

P&S should contain none of the following:

Auto shred	Gears	Rail frogs
Heavy Melt scrap	Shafts	Switches
Conduit	Lead	Batteries
Electric Motors	Copper	Sealed containers
Cast Iron Scrap	Nickel	Stainless steel
Reinforcing rod	Chrome	No bulky three dimensional material (ex: box beams)
Rebar	Manganese	Dies
Bearings or Races	Tin plate	Mercury Switches/Mercury Bearing Scrap
Turnings	Track pads	
Rolls	Excavator Bucket teeth	

Acceptable other types of material mixed in with P&S scrap meeting Strauss-WPSC specs:

OTM Rail Crops Flame Cut

If material should pass the initial inspection but after partial unloading, material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed inspection but reject the balance.

No. 1 Heavy Melt

Size: 4' x 3' x 2'

Minimum thickness greater than or equal to ¼"

Density must be equal to or greater than 50 lbs. per cubic foot

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S	Mn
Max.	0.35	0.2	0.02	0.33	0.02	0.06	0.03	0.9

All Heavy Melt material is to be clean steel free of nonmetallic, dirt, oil, grease, wood, rubber, cement, etc.

Valves must be cut open and free of brass bodies, seats, stems and sleeves.

Rebar and rod stock should be kept to a minimum of 5% of the load.

Heavy Melt should contain none of the following:

Electric Motors	Sealed Containers	Boiler tube or condenser tubing
Lead	Counter Weights	Mercury Switches/Mercury Bearing Scrap
Copper	Shock absorbers	
Nickel	Mill scale/Slag/Torch drippings	
Chrome Shafts	Machine Shop turnings	
Manganese	No bulky three dimensional material	
(Sin) Tin Plate	Mill Rolls	
Rail Frogs	Tire Wire	
Switches	Muni scrap	
Batteries	Dies	

Other acceptable types of material mixed in with No. 1 Heavy Melt Scrap meeting Strauss-WPSC specs:

OTM	Rail Crops	Auto Shred	Busheling	P&S	Flame cut
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If material should pass the initial inspection but after partial unloading, material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed inspection but reject the balance.

Shredded Scrap

Magnetically separated automotive scrap
Minimum bulk density 60 lbs. per cubic foot

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S
Max.	0.15	0.15	0.02	0.24	0.013	0.03	0.03

All shredded scrap is to be clean steel free of nonmetallic, dirt, oil, grease, wood, rubber, cement, etc.

Shredded scrap should contain none of the following:

Lead
Tin Scrap
Electric Motors
Mercury Switches/Mercury Bearing Scrap
Conduit
Sealed containers
Batteries
Muni scrap
Turnings
Mill Scale
Steel Pit
Blast Furnace Iron

Other acceptable types of material mixed in with shredded scrap:

Shredded clip/bush
Shredded skeleton scrap

If material should pass the initial inspection but after partial unloading, material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed but reject the balance.

Cold Briquettes

Size: 6" – 10" diameter, 4" – 10" height

Yield: 88% - 92%

Density: 170 lbs. per cubic foot

Chemistry	C	Cr	Ni	Mo	Cu	Sn	P	S	Mn	Si
Max.	0.50	0.40	0.20	0.15	0.22	0.01	0.05	0.06	0.30	0.25

Must consist of new production steel turnings and new production cast iron borings.
All briquettes should be free of nonmetallic, dirt, grease, wood, rubber, cement, etc.

Cold Briquettes should contain none of the following:

Grindings

Mill Scale

Swarf

Fines

Mercury Switches/Mercury Bearing Scrap

If material should pass the initial inspection but after partial unloading, material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed inspection, but reject the balance.

Hot Iron Briquettes

Size: 6" x 3" x 2"
Yield: 88% - 92%
Density: 200 lbs. per cubic foot

Chemistry	Cr	Ni	Mo	Cu	Sn	P	S	Mn	C	Si
Max.	0.14	0.05	0.05	0.29	0.01	0.05	0.09	0.26	3.05	1.95

Must consist of new production cast iron borings.
All briquettes should be free of nonmetallic, dirt, grease, wood, rubber, cement, etc.

Hot Briquettes should contain none of the following:

Grindings

Mill Scale

Swarf

Fines

Mercury Switches/Mercury Bearing Scrap

If material should pass the initial inspection but after partial unloading material not meeting the above specifications, Strauss-WPSC retains the right to keep the material that passed inspection but reject the balance.

RAIL CAR NOTICE

**WHEELING PITTSBURGH STEEL/STRAUSS INDUSTRIES
SCRAP YARD 4
STEUBENVILLE, OH**

Fax To: DEBBIE AULT
(740) 283-5919
Phone: (740) 283-5916

PAGE _____ OF _____

Subvendor Information

Subvendor Name _____	Contact Name _____
Address _____	Phone _____
	Fax _____

PLEASE NOTE: Every rail car must have this notice completely filled out if it is to be received at Wheeling Pittsburgh Steel, Steubenville, Ohio.

Date Car Shipped	Servicing Railroad (Norfolk Southern or Wheeling & Lake Erie)	Purchase Order Number	Rail Car Number	Description of Material	Shipper Weight Section		
					Gross	Tare	Net

Notes and Comments:

NO 65' CARS