

Metals - Ferrous Scrap

Metals - Ferrous Scrap » Cast Iron Grades

252 - Cupola Cast

Clean cast iron scrap such as columns, pipes, plates, and castings of a miscellaneous nature, including automobile blocks and cast iron parts of agricultural and other machinery. Free from stove plate, burnt iron, brake shoes or foreign material. Cupola size, not over 24 inches x 30 inches, and no piece over 150 pounds in weight.

253 - Charging Box Cast

Clean cast iron scrap in sizes not over 60 inches in length or 30 inches in width, suitable for charging into an open hearth furnace without further preparation. Free from burnt iron, brake shoes, or stove plate.

254 - Heavy Breakable Cast

Cast iron scrap over charging box size or weighing more than 500 pounds. May include cylinders and driving wheel centers. May include steel which does not exceed 10 percent of the casting by weight.

255 - Hammer Block Or Bases

Cast iron hammer blocks or bases.

256 - Burnt Iron

Burnt cast iron scrap, such as stove parts, grate bars, and miscellaneous burnt iron. May include sash weights or window weights.

257 - Mixed Cast

May include all grades of cast iron except burnt iron. Dimensions not over 24 inches x 30 inches and no piece over 150 pounds in weight.

258 - Stove Plate, Clean Cast Iron Stove

Free from malleable and steel parts, window weights, plow points, or burnt cast iron.

259 - Clean Auto Cast.

Clean auto blocks; free of all steel parts except camshafts, valves, valve springs, and studs. Free of nonferrous and non-metallic parts.

260 - Unstripped Motor Blocks

Automobile or truck motors from which steel and nonferrous fittings may or may not have been removed. Free from driveshafts and all parts of frames.

261 - Drop Broken Machinery Cast.

Clean heavy cast iron machinery scrap that has been broken under a drop. All pieces must be of cupola size, not over 24 inches x 30 inches, and no piece over 150 pounds in weight.

262 - Clean Auto Cast, Broken, Not Degreased.

Clean auto blocks, free of all steel parts except camshafts, valves, valve springs and studs. Free of nonferrous and non-metallic parts, and must be broken to cupola size, 150 pounds or less.

263 - Clean Auto Cast, Degreased.

Free of all steel parts except camshafts, valves, valve springs, and studs. Free of nonferrous and non-metallic parts, and must be broken into cupola size, 150 pounds or less.

264 - Malleable.

Malleable parts of automobiles, railroad cars, locomotives, or miscellaneous malleable iron castings. Free from cast iron and steel parts and other foreign material.

265 - Broken Ingot Molds And Stools

Broken ingot molds and stools, cast iron, maximum size 2 feet x 3 feet x 5 feet.

266 - Unbroken Ingot Molds And Stools.

Unbroken ingot molds and stools, cast iron.

Metals - Ferrous Scrap » Electric Furnace Casting And Foundry Grades

229 - Billet, Bloom And Forge Crops

Billet, bloom, axle, slab, heavy plate and heavy forge crops, containing not over 0.05 percent phosphorus or sulphur and not over 0.5 percent silicon, free from alloys. Dimensions not less than 2 inches in thickness, not over 18 inches in width, and not over 36 inches in length.

230 - Bar Crops And Plate Scrap

Bar crops, plate scrap, forgings, bits, jars, and tool joints, containing not over 0.05 percent phosphorus or sulphur, not over 0.5 percent silicon, free from alloys. Dimensions not less than 1/2 inch in thickness, not over 18 inches in width, and not over 36 inches in length.

231 - Plate And Structural Steel, 5 Feet And Under

Cut structural and plate scrap, 5 feet and under. Clean open hearth steel plates, structural shapes, crop ends, shearings, or broken steel tires. Dimensions not less than 1/4 inch thickness, not over 5 feet in length and 18 inches in width. Phosphorus or sulphur not over 0.05 percent.

232 - Plate And Structural Steel, 5 Feet And Under

Cut structural and plate scrap, 5 feet and under. Clean open hearth steel plates, structural shapes, crop ends, shearings, or broken steel tires. Dimensions not less than 1/4 inch thickness, not over 5 feet in length and 24 inches in width. Phosphorus or sulphur not over 0.05 percent.

233 - Cast Steel

Steel castings not over 48 inches long or 18 inches wide, and 1/4 inch and over in thickness, containing Institute of Guidelines for Ferrous Scrap Scrap Recycling Industries, Inc. 17 Code Item Code Item not over 0.05 percent phosphorus or sulphur, free from alloys and attachments. May include heads, gates, and risers.

234 - Punchings And Plate Scrap

Punchings or stampings, plate scrap, and bar crops containing not over 0.05 percent phosphorous or sulphur and not over 0.5 percent silicon, free from alloys. All materials cut 12 inches and under, and with the exception of punchings or stampings, at least 1/8 inch in thickness. Punchings or stampings under 6 inches in diameter may be any gauge.

235 - Electric Furnace Bundles

New black steel sheet scrap hydraulically compressed into bundles of size and weight as specified by consumer.

236 - Cut Structural And Plate Scrap, 3 Feet And Under.

Clean open hearth steel plates, structural shapes, crop ends, shearings, or broken steel tires. Dimensions not less than 1/4 inch in thickness, not over 3 feet in length and 18 inches in width. Phosphorus or sulphur not over 0.05 percent.

237 - Cut Structural And Plate Scrap, 2 Feet And Under.

Same as cut structural and plate scrap, 3 feet and under, except for length.

238 - Cut Structural And Plate Scrap, 1 Foot And Under.

Same as cut structural and plate scrap, 3 feet and under, except for length.

239 - Silicon Busheling

Clean silicon bearing steel scrap, not exceeding 12 inches in any dimension, including new factory busheling (for example, sheet clippings, stampings, etc.), having a silicon content of 0.05 percent to 5.0 percent.

240 - Silicon Clippings

Clean steel scrap, including new factory busheling (for example, sheet clippings, stampings, etc.), may not include old auto body and fender stock. Free of metal coated, limed, vitreous enameled, and electrical sheet containing minimum 1 percent silicon.

241 - Chargeable Ingots And Ingot Butts.

Chargeable ingots and ingot butts for material to be suitable and acceptable to the consumer containing not over 0.05 percent phosphorus or sulphur and not over 0.05 percent silicon free of alloys.

242 - Foundry Steel, 2 Feet And Under

Steel scrap 1/8 inch and over in thickness, not over 2 feet in length or 18 inches in width. Individual pieces free from attachments. May not include nonferrous metals, cast or malleable iron, cable, vitreous enameled, or metal coated material.

243 - Foundry Steel, 1 Foot And Under

Same specifications as 2-foot material, except for length.

243A - Low Residual, Black Foundry Busheling

1000 series black carbon steel scrap, 1/8 inch and over in thickness, not more than 12 inch x 24 inch, manganese content not more than 0.50 percent. Other parameters subject to agreement between supplier and consumer

243B - Low Residual, Ductile Quality Shredded Clips

Shredded black 1000 series carbon steel scrap, 1/8 inch and over in thickness, minimum average density of 75 PCF, manganese content not more than 0.50 percent. Other parameters subject to agreement between supplier and consumer.

244 - Springs And Crankshafts

Clean automotive springs and crankshafts, either new or used.

245 - Alloy Free Turnings

Clean shoveling steel turnings free from lumps, tangled or matted material, iron borings, or excessive oil containing not more than 0.05 percent phosphorus or sulphur, and free of alloys.

246 - Alloy Free Short Shoveling Steel Turnings

Clean shoveling steel turnings, free of lumps, tangled or matted material, iron borings, or excessive oil, containing not more than 0.05 percent phosphorus or sulphur, and free of alloys.

247 - Alloy Free Machine Shop Turnings

Clean steel turnings, free of iron borings or excessive oil, containing not more than 0.05 percent phosphorus or sulphur, and free of alloys. May not include badly rusted or corroded stock.

248 - Hard Steel Cut 30 Inches And Under

Automotive steel consisting of rear ends, crankshafts, driveshafts, front axles, springs, and gears prepared 30 inches and under. May not include miscellaneous small shoveling steel or any pieces too bulky for gray iron foundry use.

249 - Chargeable Slab Crops

Chargeable slab crops for material to be suitable and acceptable to the consumer containing not over 0.05 percent phosphorus and 0.05 percent sulphur and not over 0.05 percent silicon and free of alloys.

250 - Silicon Bundles

Silicon sheet scrap, clippings or skeleton scrap, compressed or hand bundled, to charging box size, and weighing not less than 75 pounds per cubic foot, having a silicon content of 0.50 percent to 5.0 percent.

251 - Heavy Turnings.

Short, heavy steel turnings, containing not over 0.05 percent phosphorus or sulphur and free of alloys. May include rail chips. May not include machine shop or other light turnings and must weigh not less than 75 pounds per cubic foot in the original state of production.

Metals - Ferrous Scrap » Other

200 - No. 1 Heavy Melting Steel

Wrought iron and/or steel scrap 1/4 inch and over in thickness. Individual pieces not over 60 x 24 inches (charging box size) prepared in a manner to insure compact charging.

201 - No. 1 Heavy Melting Steel 3 Feet X 18 Inches

Wrought iron and/or steel scrap 1/4 inch and over in thickness. Individual pieces not over 36 x 18 inches (charging box size) prepared in a manner to insure compact charging.

202 - No. 1 Heavy Melting Steel 5 Feet X 18 Inches.

Wrought iron and/or steel scrap 1/4 inch and over in thickness. Individual pieces not over 60 x 18 inches (charging box size) prepared in a manner to insure compact charging.

203 - No. 2 Heavy Melting Steel

Wrought iron and steel scrap, black and galvanized, 1/8 inch and over in thickness, charging box size to include material not suitable as No. 1 heavy melting steel. Prepared in a manner to insure compact charging.

204 - No. 2 Heavy Melting Steel

Wrought iron and steel scrap, black and galvanized, maximum size 36 x 18 inches. May include all automobile scrap properly prepared.

205 - No. 2 Heavy Melting Steel 3 Feet X 18 Inches

Wrought iron and steel scrap, black and galvanized, maximum size 36 x 18 inches. May include automobile scrap, properly prepared; however, to be free of sheet iron or thin gauged material.

206 - No. 2 Heavy Melting Steel 5 Feet X 18 Inches

Wrought iron and steel scrap, black and galvanized, maximum size 60 x 18 inches. May include automobile scrap, properly prepared; however, to be free of sheet iron or thin gauged material.

207 - No. 1 Busheling

Clean steel scrap, not exceeding 12 inches in any dimensions, including new factory busheling (for example, sheet clippings, stampings, etc.). May not include old auto body and fender stock. Free of metal coated, limed, vitreous enameled, and electrical sheet containing over 0.5 percent silicon.

207A - New Black Sheet Clippings

For direct charging, maximum size 8 feet by 18 inches, free of old automobile body and fender stock, metal coated, lined, vitreous enameled and electrical sheet containing over 0.5 percent silicon. Must lay reasonably flat in car.

208 - No. 1 Bundles

New black steel sheet scrap, clippings or skeleton scrap, compressed or hand bundled, to charging box size, and weighing not less than 75 pounds per cubic foot. (Hand bundles are tightly secured for handling with a magnet.) May include Stanley balls or mandrel wound bundles or skeleton reels, tightly secured. May include chemically detinned material. May not include old auto body or fender stock. Free of metal coated, limed, vitreous enameled, and electrical sheet containing over 0.5 percent silicon.

209 - 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.

210 - Shredded Scrap

Homogeneous iron and steel scrap, magnetically separated, originating from automobiles, unprepared No. 1 and No. 2 steel, miscellaneous baling and sheet scrap. Average density 50 pounds per cubic foot.

211 - Shredded Scrap

Homogeneous iron and steel scrap magnetically separated, originating from automobiles, unprepared No. 1 and No. 2 steel, miscellaneous baling and sheet scrap. Average density 70 pounds per cubic foot.

212 - Shredded Clippings

Shredded 1000 series carbon steel clippings or sheets. Material should have an average density of 60 pounds per cubic foot.

213 - Steel Can Bundles

Steel can scrap compressed to charging box size and weighing not less than 75 pounds per cubic foot. Cans may be baled without removal of paper labels, but free of other non-metallics. May include up to 5 gallon tin coated containers.

214 - No. 3 Bundles

Old sheet steel, compressed to charging box size and weighing not less than 75 pounds per cubic foot. May include all coated ferrous scrap not suitable for inclusion in No. 2 bundles.

215 - Incinerator Bundles

Tin can scrap, compressed to charging box size and weighing not less than 75 pounds per cubic foot. Processed through a recognized garbage incinerator.

216 - Terne Plate Bundles.

New terne plate sheet scrap, clippings or skeleton scrap, compressed or hand bundled, to charging box size, and weighing not less than 75 pounds per cubic foot. (Hand bundles are tightly secured for handling with a magnet.) May include Stanley balls or mandrel wound bundles or skeleton reels, tightly secured.

217 - Bundled No. 1 Steel

Wrought iron and/or steel scrap 1/8 inch or over in thickness, compressed to charging box size and weighing not less than 75 pounds per cubic foot. Free of all metal-coated material.

218 - Bundled No. 2 Steel

Wrought iron or steel scrap, black or galvanized, 1/8 inch and over in thickness, compressed to charging box size and weighing not less than 75 pounds per cubic foot. Auto body and fender stock, burnt or hand stripped, may constitute a maximum of 60 percent by weight. (This percent based on makeup of auto body, chassis, driveshafts, and bumpers.) Free of all coated material, except as found on automobiles.

219 - Machine Shop Turnings

Clean steel or wrought iron turnings, free of iron borings, nonferrous metals in a free state, scale, or excessive oil. May not include badly rusted or corroded stock.

220 - Machine Shop Turnings And Iron Borings

Same as machine shop turnings but including iron borings.

221 - Shoveling Turnings

Clean short steel or wrought iron turnings, drillings, or screw cuttings. May include any such material whether resulting from crushing, raking, or other processes. Free of springy, bushy,

tangled or matted material, lumps, iron borings, nonferrous metals in a free state, grindings, or excessive oil.

222 - Shoveling Turnings And Iron Borings

Same as shoveling turnings, but including iron borings.

223 - Iron Borings

Clean cast iron or malleable iron borings and drillings, free of steel turnings, scale, lumps or excessive oil.

224 - Auto Slabs

Clean automobile slabs, cut 3 feet x 18 inches and under.

225 - Auto Slabs

Clean automobile slabs, cut 2 feet x 18 inches and under.

226 - Briquetted Iron Borings

Analysis and density to consumer's specifications.

227 - Briquetted Steel Turnings.

Analysis and density to consumer's specifications.

228 - Mill Scale

Dark colored, ranging from blue to black, ferromagnetic iron oxide forming on the surface of steel articles during heating and working.

Metals - Ferrous Scrap » Railroad Ferrous Scrap

(2) - Axles, Steel

Solid car and/or locomotive friction bearing, 8 inch diameter and under (free of axles with key-way between wheel seats, no axles of shorter lengths than distance between wheel seats to be included).

(2A) - Axles, Steel

Solid car and/or locomotive friction bearing over 8 inch diameter (free of axles with key-way between wheel seats, no axles of shorter length than distance between wheel seats to be included).

(3) - Axles, Steel

Roller bearing 8 inch diameter and under (no axles of shorter lengths than distance between wheel seats to be included).

(3A) - Axles, Steel

Roller bearing over 8 inch diameter (no axles of shorter length than distance between wheel seats to be included).

(4) - Spikes, Track Bolts And Nuts, And Lock Washers, May Include Rail Anchors

(5) - Tie Plates

Steel

(6) - Rail Joints, Angle And/Or Splice Bars

Steel.

(9) - Bolsters And/Or Truck Sides, Frames: Uncut.

Cast steel.

(11) - Cast Steel, No. 2.

Steel castings, over 18 inches wide and/or over 5 feet long.

(11A) - Cast Steel, No. 1

Steel castings, 18 inches and under, not over 5 feet long, including cut truck side frames and bolsters

(12) - Cast Iron, No. 1

Cast iron scrap, such as columns, pipes, plates, and/ or castings of miscellaneous nature, but free from stove plates, brake shoes, and burnt scrap. Must be cupola size, not over 24 x 30 inches in dimension and no piece to weigh over 150 pounds. Must be free from foreign material.

(13) - Cast Iron, No. 2

Pieces weighing over 150 pounds, but not more than 500 pounds. Free from burnt cast.

(14) - Cast Iron, No. 3

Pieces weighing over 500 pounds; includes cylinders, driving wheel centers and/or all other castings. (Free from hammer blocks or bases.)

(15) - Cast Iron, No. 4.

Burnt cast iron scrap, such as grate bars, stove parts and/or miscellaneous burnt scrap.

(15) - Cast Iron, No. 4

Burnt cast iron scrap, such as grate bars, stove parts and/or miscellaneous burnt scrap.

(16) - Cast Iron Brake Shoes

Brakes shoes of all types except composition-filled shoes.

(17) - Couplers And/Or Knuckles

Railroad car and/or locomotive steel couplers, knuckles and/or locks stripped clean of all other attachments.

(18) - Frogs And/Or Switches, Uncut

Steel frogs and switches that have not been cut apart, exclusive of manganese.

(18A) - Railbound Manganese Frogs And Switch Points With Manganese Inserts That Have Not Been Cut Apart

(23) - Malleable

Malleable parts of automobiles, railroad cars, locomotive and/or miscellaneous malleable castings.

(24) - Melting Steel, Railroad No. 1

Clean wrought iron or steel scrap, 1/4 inch and over in thickness, not over 18 inches in width, and not over 5 feet in length. May include pipe ends and material 1/8 inch to 1/4 inch in thickness, not over 15 inches x 15 inches. Individual pieces cut so as to lie reasonably flat in charging box.

(27) - Rail, Steel No. 1

Standard section tee rails, original weight 50 pounds per yard or heavier, 10 feet long and over. Suitable for rerolling into bars and shapes. Free from bent and twisted rails, frog, switch, and guard rails, or rails with split heads and broken flanges. Continuous welded rail may be included provided no weld is over 9 inches from the end of the piece of rail.

(28A) - Rail, Steel No. 2 Cropped Rail Ends

Standard section, original weight of 50 pounds per yard and over, 18 inches long and under.

(28B) - Rail, Steel No. 2 Cropped Rail Ends

Standard section, original weight of 50 pounds per yard and over, 2 feet long and under.

(28C) - Rail, Steel No. 2 Cropped Rail Ends

Standard section, original weight 50 pounds per yard and over, 3 feet long and under.

(29) - Rail, Steel No. 3

Standard section tee, girder, and/or guard rails, to be free from frog and switch rails not cut apart, and contain no manganese, cast, welds, or attachments of any kind except angle bars. Free from concrete, dirt, and foreign material of any kind.

(30) - Sheet Scrap, No. 1

Under 3/16 inch thick, may include hoops, band iron and/or steel, scoops and/or shovels (free of wood). Must be free from burnt or metal coated material, cushion, or other similar springs.

(31) - Sheet Scrap, No. 2

Galvanized or tinned material and/or gas retorts, and/or any other iron or steel material not otherwise classified.

(32) - Steel, Tool

(Specify kind in offering.)

(33) - Steel, Manganese

All kinds of manganese, rail, guard rails, frogs and/or switch points, cut or uncut.

(34) - Steel, Spring.

Coil and/or elliptical, minimum thickness 1/4 inch, may be assembled or cut apart.

(34A) - Steel, Spring

Coil only.

(35) - Structural, Wrought Iron And/Or Steel Uncut

All steel or steel mixed with iron from bridges, structures and/or equipment that has not been cut apart, may include uncut bolsters, brakebeams, steel trucks, underframes, channel bars, steel bridge plates, frog and/or crossing plates and/or other steel of similar character.

(36) - Tires

All locomotive, not cut to specified lengths.

(38) - Turnings. No. 1

Heavy turnings from wrought iron and/or steel railroad axles or heavy forgings and/or rail chips, to weigh not less than 75 pounds per cubic foot. Free from dirt or other foreign material of any kind. Alloy steel scrap may be excluded from these specifications by mutual agreement between buyer and seller.

(38A) - Turnings, Drillings And/Or Borings. No. 2

Cast, wrought, steel and/or malleable iron borings, turnings and/or drillings mixed with other metals.

(40) - Wheels, No. 1

Cast iron car wheels.

(42) - Wheels, No. 3

Solid cast steel, forged, pressed and/or rolled steel car and/or locomotive wheels, not over 42 inches diameter. (Specify kind in offering.)

(45) - Destroyed Steel Cars

Bodies of steel cars cut apart sufficiently to load. (Specify kind.)

(45A) - Destroyed Steel Car Sides And Box Car Roofs.

Cut to a maximum length of... and a maximum width of... suitable for use in super presses and shears without additional preparation.

Metals - Ferrous Scrap » Special Boring Grades

267 - No. 1 Chemical Borings

New clean cast or malleable iron borings and drillings containing not more than 1 percent oil, free from steel turnings, or chips, lumps, scale, corroded or rusty material.

268 - Briquetted Cast Iron Borings, Hot Process

Cast iron borings, heated, briquetted, to a density of approximately 85 percent, oil and water content under 1 percent.

269 - Briquetted Cast Iron Borings, Cold Process

Cast iron boring briquettes, free of steel and nonferrous material, hydraulically compressed into a cohesive solid, reasonably free of oil, and having a density of not less than 60 percent.

270 - Malleable Borings

Clean malleable iron borings and drillings, free of steel turnings, scale, lumps and excessive oil.

271 - No. 2 Chemical Borings.

New clean cast or malleable iron borings and drillings, containing not more than 1.5 percent oil, free from steel turnings, or chips, lumps, scale, corroded or rusty material.

Metals - Ferrous Scrap » Steel From Scrap Tires

272 - Pulled Bead Wire (Truck)—Grade 1.

Not chopped; made up of loops of wire. Less than five percent (<5%) rubber/fiber.

273 - Pulled Bead Wire (Truck)—Grade 2

Not chopped; made up of loops of wire. Five to ten percent (5-10%) rubber/fiber.

274 - Pulled Bead Wire (Truck)—Grade 3

Not chopped; made up of loops of wire. Greater than ten percent (>10%) rubber/fiber.

275 - Pulled Bead Wire (Passenger)—Grade 1

Not chopped; made up of loops of wire. Less than five percent (<5%) rubber/fiber.

276 - Pulled Bead Wire (Passenger)—Grade 2

Not chopped; made up of loops of wire. Five to ten percent (5-10%) rubber/fiber.

277 - Pulled Bead Wire (Passenger)—Grade 3

Not chopped; made up of loops of wire. Greater than ten percent (>10%) rubber/fiber.

278 - Processed Tire Wire (Ferrous)—Grade 1

Chopped. Less than two percent (<2%) rubber/fiber.

279 - Processed Tire Wire (Ferrous)—Grade 2

Chopped. Less than five percent (<5%) rubber/fiber.

280 - Processed Tire Wire (Ferrous)—Grade 3

Chopped. Five to ten percent (5-10%) rubber/fiber.

281 - Processed Tire Wire (Ferrous)—Grade 4

Chopped. Ten to twenty percent (10-20%) rubber/ fiber.

282 - Processed Tire Wire (Ferrous)—Grade 5.

Chopped. Greater than twenty percent (>20%) rubber/ fiber.

Metals - Non-Ferrous Scrap

Metals - Non-Ferrous Scrap » Aluminum

Tablet - Clean Aluminum Lithographic Sheets

To consist of 1000 and/or 3000 series alloys, to be free of paper, plastic, excessively inked sheets, and any other contaminants. Minimum size of 3" (8 cm) in any direction.

Tabloid - New, Clean Aluminum Lithographic Sheets

To consist of 1000 and/or 3000 series alloys, uncoated, unpainted, to be free of paper, plastic, ink, and any other contaminants. Minimum size of 3" (8 cm) in any direction.

Taboo - Mixed Low Copper Aluminum Clippings And Solids

Shall consist of new, clean, uncoated and unpainted low copper aluminum scrap of two or more alloys with a minimum thickness of 0.015 inches (.38 mm) and to be free of 2000 and 7000 series, hair wire, wire screen, punchings less 1/2 inch (1.25 cm) diameter, dirt, and other non-metallic items. Grease and oil not to total more than 1%. Variations to this specification should be agreed upon prior to shipment between the buyer and seller.

Taint/Tabor - Clean Mixed Old Alloy Sheet Aluminum

Shall consist of clean old alloy aluminum sheet of two or more alloys, free of foil, venetian blinds, castings, hair wire, screen wire, food or beverage containers, radiator shells, airplanesheet, bottlecaps, plastic, dirt, and other non-metallic items. Oil and grease not to total more than 1%. Up to 10% Tale permitted.

Take - New Aluminum Can Stock

Shall consist of new low copper aluminum can stock and clippings, clean, lithographed or not lithographed, and coated with clear lacquer but free of lids with sealers, iron, dirt and other foreign contamination. Oil not to exceed 1%.

Talc - Post-Consumer Aluminum Can Scrap

Shall consist of old aluminum food and/or beverage cans. The material is to be free of other scrap metals, foil, tin cans, plastic bottles, paper, glass, and other non-metallic items. Variations to this specification should be agreed upon prior to shipment between the buyer and seller.

Talcred - Shredded Aluminum Used Beverage Can (Ubc) Scrap

Shall have a density of 12 to 17 pounds per cubic foot (193 to 273 kg/m³). Material should contain maximum 5% fines less than 4 mesh (U.S. standard screen size) (6.35 mm). Must be magnetically separated material and free of steel, lead, bottle caps, plastic cans and other plastics, glass, wood, dirt, grease, trash, and other foreign substances. Any free lead is basis for rejection. Any and all aluminum items, other than used beverage cans, are not acceptable. Variations to this specification should be agreed upon prior to shipment between the seller and buyer.

Taldack - Densified Aluminum Used Beverage Can (Ubc) Scrap

Shall have a biscuit density of 35 to 50 pounds per cubic foot (562 to 802 kg/m³). Each biscuit not to exceed 60 pounds (27.2 kg). Nominal biscuit size range from 10" to 13" x 10 1/4" (25.4 x 33 x 26 cm) to 20" x 6 1/4" x 9" (50.8 x 15.9 x 22.9 cm). Shall have banding slots in both directions to facilitate bundle banding. All biscuits comprising a bundle must be of uniform size. Size: Bundle range dimensions acceptable are 41" to 44" x 51" (104 to 112 cm) to 54" x 54" (137 x 137 cm) to 56" (142 cm) high. The only acceptable tying method shall be as follows: Using minimum 5/8" (1.6cm) wide by .020" (.05 cm) thick steel straps, the bundles are to be banded with one vertical band per row and a minimum of two firth (horizontal) bands per bundle. Use of skids and/or support sheets of any material is not acceptable. Must be magnetically separated material and free of steel, lead, bottle caps, plastic cans and other plastic, glass, wood, dirt, grease, trash, and other foreign substances. Any free lead is basis for rejection. Any and all aluminum items, other than used beverage cans, are not

acceptable. Items not covered in the specifications, including moisture, and any variations to this specification should be agreed upon prior to shipment between the seller and buyer.

Taldon - Baled Aluminum Used Beverage Can (Ubc) Scrap

Shall have a minimum density of 14 pounds per cubic foot (225 kg/m³), and a maximum density of 17 pounds per cubic foot (273 kg/m³) for unflattened UBC and 22 pounds per cubic foot (353kg/m³) for flattened UBC. Size: Minimum 30 cubic feet (.85 m³), with bale range dimensions of 24" to 40" (61 to 132 cm) by 30" to 52" (76 to 132 cm) by 40" to 84"(102 to 213 cm). The only acceptable tying method shall be as follows: four to six 5/8" (1.6 cm) x .020" (5 mm) steel bands, or six to ten #13 gauge steel wires (aluminum bands or wires are acceptable in equivalent strength and number). Use of skids and/or support sheets of any material is not acceptable. Must be magnetically separated material and free of steel, lead, bottle caps, plastic cans and other plastic, glass, wood, dirt, grease, trash, and other foreign substances. Any free lead is basis for rejection. Any and all aluminum items, other than used beverage cans, are not acceptable. Variations to this specification should be agreed upon prior to shipment between the buyer and seller

Taldork - Briquetued Aluminum Used Beverage Can (Ubc) Scrap

Shall have a briquette density of 50 pounds per cubic foot (800 kg/m³) minimum. Nominal briquette size shall range from 12" to 24" (30.5 x 61 cm) x 12" to 24" (30.5 x 61 cm) in uniform profile with a variable length of 8" (20.3 cm) minimum and 48" (122 cm) maximum. Briquettes shall be bundled or stacked on skids and secured with a minimum of one vertical band per row and a minimum of one girth band per horizontal layer. Briquettes not to overhang pallet. Total package height shall be 48 (122 cm) maximum. Banding shall be at least 5/8" (1.6 cm) wide by .020" (5 mm) thick steel strapping or equivalent strength. The weight of any bundle shall not exceed 4,000 pounds (1.814 tm). Material must be magnetically separated and free of steel, plastic, glass, dirt and all other foreign substances. Any and all aluminum items other than UBC are unacceptable. Any free lead is basis for rejection. Items not covered in the specification, including moisture, and any variations to this specification should be agreed upon prior to shipment between the buyer and seller

Tale - Painted Siding

Shall consist of clean, low copper aluminium siding scrap, painted one or two sides, free of plastic coating, iron, dirt, corrosion, fibber, foam, or fibreglass backing or other non-metallic items.

Talk - Aluminium Copper Radiators

Shall consist of clean aluminium and copper radiators, and/or aluminium fins on copper tubing, free of brass tubing, iron and other foreign contamination.

Tall - E.C. Aluminum Nodules

Shall consist of clean E.C. aluminum, chopped or shredded, free of screening, hair-wire, iron, copper, insulation and other non-metallic items. Must be free of minus 20 mesh material. Must contain 99.45% aluminium content.

Talon - New Pure Aluminium Wire And Cable

Shall consist of new, clean, unalloyed aluminium wire or cable free from hair wire, ACSR, wire screen, iron, insulation and other nonmetallic items.

Tann - New Mixed Aluminum Wire And Cable

Shall consist of new, clean unalloyed aluminum wire or cable which may contain up to 10% 6000 series wire and cable free from hair wire, wire screen, iron, insulation and other non-metallic items.

Taste - Old Pure Aluminum Wire And Cable

Shall consist of old, unalloyed aluminum wire and cable containing not over 1% free oxide or dirt and free from hair wire, wire screen, iron, insulation and other non-metallic items.

Tassel - Old Mixed Aluminum Wire And Cable

Shall consist of old, unalloyed aluminum wire and cable which may contain up to 10% 6000 series wire and cable with not over 1% free oxide or dirt and free from hair wire, wire screen, iron, insulation and other non-metallic items.

Tarry A - Clean Aluminium Pistons

Shall consist of clean aluminium pistons to be free from struts, bushings, shafts, iron rings and non-metallic items. Oil and grease not to exceed 2%

Tarry B - Clean Aluminium Pistons With Struts

Shall consist of clean whole aluminium pistons with struts. Material is to be free from bushings, shafts, iron and non-metallic items . Oil and grease not to exceed 2%.

Tarry C - Irony Aluminum Pistons

Shall consist of aluminum pistons with non-aluminum attachments to be sold on a recovery basis or by special arrangement between buyer and seller.

Teens - Segregated Aluminum Borings And Turnings

Shall consist of aluminum borings and turnings of one specified alloy. Material should be free of oxidation, dirt, free iron, stainless steel, magnesium, oil, flammable liquids, moisture and other non metallic items. Fines should not exceed 3% through a 20 mesh (U.S. standard) screen.

Telic - Mixed Aluminum Borings And Turnings

Shall consist of clean, uncorroded aluminum borings and turnings of two or more alloys and subject to deductions for fines in excess of 3% through a 20 mesh screen and dirt, free iron, oil, moisture and all other non-metallic items. Material containing iron in excess of 10% and/or free magnesium or stainless steel or containing highly flammable cutting compounds will not constitute good delivery. To avoid dispute, material should be sold on basis of definite maximum zinc, tin and magnesium content.

Tense - Mixed Aluminum Castings

Shall consist of all clean aluminum castings which may contain auto and airplane castings but no ingots, and to be free of iron, brass, dirt and other non-metallic items. Oil and grease not to total more than 2%.

Tepid - Aircraft Sheet Aluminum

Should be sold on recovery basis or by special arrangements with purchaser.

Terse - New Aluminum Foil

Shall consist of clean, new, pure, uncoated 1000 and/or 3000 and/or 8000 series alloy aluminum foil, free from anodized foil, radar foil and chaff, paper, plastics, or any other non-metallic items. Hydraulically briquetted material and other alloys by agreement between buyer and seller.

Tesla - Post Consumer Aluminum Foil

Shall consist of baled old household aluminum foil and formed foil containers of uncoated 1000, 3000 and 8000 series aluminum alloy. Material may be anodized and contain a maximum of 5% organic residue. Material must be free from radar chaff foil, chemically etched foil, laminated foils, iron, paper, plastic and other nonmetallic contaminants.

Tetra - New Coated Aluminum Foil

Shall consist of new aluminum foil coated or laminated with ink, lacquers, paper, or plastic. Material shall be clean, dry, free of loose plastic, PVC and other non-metallic items. This foil is sold on a metal content basis or by sample as agreed between buyer and seller.

Thigh - Aluminum Grindings

Should be sold on recovery basis or by special arrangements with purchaser.

Thirl - Aluminum Drosses, Spatters, Spillings, Skimmings And Sweepings

Should be sold on recovery basis or by special arrangements with purchaser.

Throb - Sweated Aluminum

Shall consist of aluminum scrap which has been sweated or melted into a form or shape such as an ingot, sow or slab for convenience in shipping; to be free from corrosion, dross or any non-aluminum inclusions. Should be sold subject to sample or analysis.

Tooth - Segregated New Aluminum Alloy Clippings And Solids

Shall consist of new, clean, uncoated and unpainted aluminum scrap of one specified aluminum alloy with a minimum thickness of .015" (.38 mm) and to be free of hair wire, wire screen, dirt and other non-metallic items. Oil and grease not to total more than 1%. Also free from punchings less than 1/2" (1.27 cm) in size.

Tough - Mixed New Aluminum Alloy Clippings And Solids

Shall consist of new, clean, uncoated and unpainted aluminum scrap of two or more alloys with a minimum thickness of .015" (.38 mm) and to be free of hair wire, wire screen, dirt and other non-metallic items. Oil and grease not to total more than 1%. Also free from punchings less than 1/2" (1.27 cm) in size.

Tread - Segregated New Aluminum Castings, Forgings And Extrusions

Shall consist of new, clean, uncoated aluminum castings, forgings, and extrusions of one specified alloy only and to be free from sawings, stainless steel, zinc, iron, dirt, oil, grease and other non-metallic items.

Troma - Aluminum Auto Or Truck Wheels

Shall consist of clean, single-piece, unplated aluminum wheels of a single specified alloy, free of all inserts, steel, wheel weights, valve stems, tires, grease and oil and other non-metallic items. Variations to this specification should be agreed upon prior to shipment between the buyer and seller.

Trump - Aluminum Auto Castings

Shall consist of all clean automobile aluminum castings of sufficient size to be readily identified and to be free from iron, dirt, brass, bushings, and non-metallic items. Oil and grease not to total more than 2%.

Twang - Insulated Aluminum Wire Scrap

Shall consist of aluminum wire scrap with various types of insulation. To be sold on a sample or recovery basis, subject to arrangement between buyer and seller.

Twist - Aluminum Airplane Castings

Shall consist of clean aluminum castings from airplanes and to be free from iron, dirt, brass, bushings, and non-metallic items. Oil and grease not to total more than 2%.

Twitch - Fragmentizer Aluminum Scrap (From Automobile Shredders)

The material, as received, must be dry and not contain more than 3% maximum free zinc, 1% maximum free magnesium, and 1.5% maximum free iron and stainless. Not to contain more than a total 5% maximum of non-metallics, of which no more than 1% shall be rubber and plastics. To be free of excessively oxidized material, air bag canisters, or any sealed or pressurized items. Any variation to be sold by special arrangement between buyer and seller.

Tally - All Aluminum Radiators From Automobiles

Shall consist of clean aluminum radiators and/or condensers. Should be free of all other types of radiators. All contaminants including iron, plastic, and foam not to exceed 1% of weight. Any deviation to this specification, including oxidation and aluminum content, to be negotiated between buyer and seller.

Tata - New Production Aluminum Extrusions

Shall consist of one alloy (typically 6063). Material may contain "butt ends" from the extrusion process but must be free of any foreign contamination. Anodized material is acceptable. Painted material or alloys other than 6063 must be agreed upon by buyer and seller.

Toto - Aluminum Extrusions "10/10"

Material to consist of new production and old/used 6063 extrusions that may contain up to (but not exceed) 10 percent painted extrusions and 10 percent 6061 alloy extrusions. Must not contain other alloys of aluminum. Material should be free of zinc corners, iron attachments, felt, plastic, paper, cardboard, thermo break, and dirt and other contaminants.

Tutu - Aluminum Extrusion Dealer Grade

Shall consist of old extruded aluminum of one alloy, typically alloy 6063, 6061, or 7075. Material must be free of iron, thermo break, saw chips, zinc corners, dirt, paper, cardboard, and other foreign contamination. Percentages of paint or other alloys to be agreed upon by buyer and seller.

Tweak - Fragmentizer Aluminum Scrap (From Automobile Shredders)

Derived from either mechanical or hand separation, the material must be dry and not contain more than 4% maximum free zinc, 1% maximum free magnesium, and 1.5% maximum of analytical iron. Not to contain more than a total 5% maximum of nonmetallics, of which no more than 1% shall be rubber and plastics. To be free of excessively oxidized material, air bag canisters, or any sealed or pressurized items. Any variation to be sold by special arrangement between buyer and seller.

Twire - Burnt Fragmentizer Aluminum Scrap (From Automobile Shredders)

Incinerated or burned material must be dry and not contain more than X% (% to be agreed upon by buyer and seller) ash from incineration, 4% maximum free zinc, 1% maximum free magnesium, and 1.5% maximum of analytical iron. Not to contain more than a total 5% maximum of non-metallics, of which no more than 1% shall be rubber and plastics. To be free of excessively oxidized material, air bag canisters, or any sealed pressurized items. Any variation to be sold by special arrangement between buyer and seller.

Metals - Non-Ferrous Scrap » Mixed Metals

Zorba - Shredded Nonferrous Scrap (Predominantly Aluminum)

Shall be made up of a combination of the nonferrous metals: aluminum, copper, lead, magnesium, stainless steel, nickel, tin, and zinc, in elemental or alloyed (solid) form. The percentage of each metal within the nonferrous concentrate shall be subject to agreement between buyer and seller. Material generated by eddy current, air separation, flotation, screening, other segregation technique(s), or a combination thereof. Shall have passed one or more magnets to reduce or eliminate free iron and/or large iron attachments. Shall be free of radioactive material, dross, or ash. Material to be bought/sold under this guideline shall be identified as "Zorba" with a number to follow indicating the estimated percentage nonferrous metal content of the material (e.g., "Zorba 90" means the material contains

approximately 90% nonferrous metal content). May also be screened to permit description by specific size ranges.

Zebra - (High Density)

Shall consist of high-density nonferrous metals produced by media separation technology containing brass, copper, zinc, nonmagnetic stainless steel, and copper wire. Material to be dry and free from excess oxidation. The percentage and types of metals other than these, as well as the percentage and types of nonmetallic contamination are to be agreed upon between the buyer and seller.

Zeppelin - (Light Density)

Shall consist of light-density nonferrous metals produced by media separation technology and contain thin-gauge aluminum and magnesium. Material to be dry and free from excess oxidation. The percentage and types of metals other than aluminum and magnesium, as well as the percentage and types of nonmetallic contamination are to be agreed upon between the buyer and seller.

Elmo - Mixed Electric Motors

Shall consist of whole electric motors and/or dismantled electric motor parts that are primarily copper-wound. May contain aluminum-wound material, subject to agreement between buyer and seller. No excessive steel attachments such as gear reducers, iron bases, and pumps, or loose free iron allowed. Specification not to include sealed units or cast iron compressors.

Shelmo - Shredded Electric Motors

Also called "shredder pickings" or "meatballs". Shall consist of mixed copper-bearing material from ferrous shredding, comprised of motors without cases. May contain aluminum-wound material and insulated copper harness wire, subject to agreement between buyer and seller. Trace percentages of other contaminants and fines may be present. No free iron or sealed units.

Zurik - Shredded Nonferrous Sensor Sorted Scrap (Predominantly Stainless Steel)

Shall be made up of a combination of the nonferrous metals: stainless steel, insulated copper wire, aluminum, copper, lead, magnesium, nickel, tin, and zinc, in elemental or alloyed (solid) form. The percentage of each metal within the nonferrous concentrate shall be subject to agreement between buyer and seller. Material generated by computer sensing equipment (e.g., induction sensor sorting or X-ray) technique(s). Shall have passed one or more magnets to reduce or eliminate free iron and/or large iron attachments. Shall be free of radioactive material, dross, or ash. Material to be bought/sold under this guideline shall be identified as "Zurik" with a number to follow indicating the estimated percentage nonferrous content of the material (e.g., "Zurik 90" means the material contains approximately 90% nonferrous metal content). May also be screened to permit description by specific size ranges.

Metals - Non-Ferrous Scrap » Nickel/Stainless/Hi Temp

Aroma - New Nickel Scrap

Shall consist of clean new sheet, plate, bar, tube, and any other wrought nickel scrap solids. Nickel minimum 99%; Cobalt maximum 0.25%; Copper maximum 0.50%. Free of castings, as well as any foreign attachments or other contamination.

Burly - Old Nickel Scrap

Shall consist of old and/or new sheet, plate, bar, tube, and any other wrought nickel scrap solids. Material to contain a minimum of 98% nickel; Copper maximum 0.50%. This grade to be free of castings, soldered, brazed, sweated, or painted material, other metallic coating, foreign attachments, and any other contamination.

Dandy - New Cupro Nickel Clips And Solids

Shall consist of clean, new, segregated (normally accepted analysis grades) either 70/30, 80/20, or 90/10 cupro nickel tube, pipe, sheet, plate, or other wrought solid forms. Must be free of foreign attachments or any other contamination.

Daunt - Cupro Nickel Solids

Shall consist of old, and/or new, segregated (normally accepted analysis grades either 70/30, 80/20, 90/10 cupro nickel tube, pipe, sheet, plate, or other wrought solid forms. Maximum 2% sediment allowable. Any other forms of cupro nickel solids such as castings, gates, risers, spills, etc., packaged separately, may or may not be included, only upon agreement between buyer and seller. Must be free of foreign attachments and all other contamination. Other particulars concerning physical description, analysis and packaging to be agreed upon between buyer and seller.

Delta - Soldered Cupro Nickel Solids

Shall consist of segregated (normally accepted analysis grades) either 70/30, 80/20, 90/10 cupro nickel solids, soldered, brazed, or sweated, must be free of trimmed seams and edges and all other contamination.

Decoy - Curpo Nickel Spinnings, Turnings, Borings

Shall consist of clean segregated (normally accepted analysis grades) either 70/30, 80/20, 90/10 cupro nickel spinnings, turnings, or borings. Particulars concerning physical description, analysis, packaging, to be agreed upon between buyer and seller.

Depth - Miscellaneous Nickel-Copper And Nickel-Copper Iron

Shall consist of miscellaneous scrap in which the basic elements, by weight, are nickel and copper, such as copper nickel peelings, plating racks, and hangers, and all nickel and copper in attached or combined form. In all cases, miscellaneous nickel copper scrap should be sold by description and analysis.

Hitch - New R-Monel Clippings And Solids

Shall consist of clean, new, R-Monel sheet, plate, bar, rod, tube, pipe, or any other wrought scrap, free of any foreign attachments or any other contamination.

House - New Mixed Monel Solids And Clippings

Shall consist of new, clean R and K-Monel solids and clippings. Free of cast material, foreign attachments and all other contamination.

Ideal - Old Monel Sheet And Solids

Shall consist of clean R and K-Monel solids such as sheet, plate, pipe, rods, forgings, screen and wire cloth. Must be free of soldered, brazed, welded, or sweated material, cast material, foreign attachments, and all other contamination.

Indian - K-Monel Solids

Shall consist of clean K-Monel solids

Junto - Soldered Monel Sheet And Solids

Shall consist of soldered and/or brazed miscellaneous grades of Monel alloys in either wrought or cast form. Must be free of trimmed seams and edges, non-metallic filling, foreign attachments, and all other contamination. Particulars concerning physical description, assay, and packaging to be agreed upon between buyer and seller.

Lemon - Monel Castings

Shall consist of various types of clean Monel castings, assaying minimum 60% nickel. Must be free of foreign attachments or any other contamination.

Lemur - Monel Turnings

Shall consist of mixed Monel turnings and borings containing a minimum of 60% nickel content, on a dry basis.

Pekoe - 200 Series Stainless Steel Scrap Solids

Shall consist of all types of clean AISI Series Stainless Steel Scrap Solids, which contain a maximum of .5% copper, free of foreign attachments and other contamination.

Sabot - Stainless Steel Scrap

Shall consist of clean 18-8 type stainless steel clips and solids containing a minimum 7% nickel, 16% chrome, and have a maximum of .50% molybdenum, .50% copper, .045% phosphorous, and .03% sulfur, and otherwise free of harmful contaminants. Particulars concerning physical description, grading, additional analysis, and preparation to be agreed upon between buyer and seller.

Ultra - Stainless Steel Turnings

Shall consist of clean 18-8 type stainless steel turnings containing a minimum 7% nickel and 16% chrome, and to be free of nonferrous metals, non metallica, excessive iron, oil and other

contaminants. Particulars concerning physical description, assay, packaging to be agreed upon between buyer and seller.

Vaunt - Edison Batteries

Nickel-iron batteries to be sold free of crates, copper terminal connectors, and excess liquid. Free of nickel cadmium batteries.

Metals - Non-Ferrous Scrap » Other

Ranks - Pewter

Shall consist of tableware and soda-fountain boxes but should contain a minimum of 84% tin. Siphon tops to be accounted for separately. Material must be free of brass, zinc, and other foreign metals.

Ranch - Block Tin

Block Tin must assay minimum of 98% tin, and to be free of liquids, solder, and brass connections, pewter, pumps, pot pieces, dirt.

Raves - High Tin Base Babbitt

Shall contain a minimum of 78% tin and be free of brassy or zincy metals.

Roses - Mixed Common Babbitt

Shall consist of lead base bearing metal containing not less than 8% tin, free from Allens metal, ornamental, antimonial and type metal. Must be free from all zinc and excessive copper in the alloy.

Metals - Non-Ferrous Scrap » Red Metals

Barley - No. 1 Copper Wire

Shall consist of No. 1 bare, uncoated, unalloyed copper wire, not smaller than No. 16 B & S wire gauge. Green copper wire and hydraulically compacted material to be subject to agreement between buyer and seller.

Berry - No. 1 Copper Wire

Shall consist of clean, untinned, uncoated, unalloyed copper wire and cable, not smaller than No. 16 B & S wire gauge, free of burntwire which is brittle. Hydraulically briquetted copper subject to agreement.

Birch - No. 2 Copper Wire

Shall consist of miscellaneous, unalloyed copper wire having a nominal 96% copper content (minimum 94%) as determined by electrolytic assay. Should be free of the following. Excessively leaded, tinned, soldered copper wire; brass and bronze wire; excessive oil content, iron, and non-metallics; copper wire from burning, containing insulation; hair wire;

burnt wire which is brittle; and should be reasonably free of ash. Hydraulically briquetted copper subject to agreement.

Candy - No. 1 Heavy Copper

Shall consist of clean, unalloyed, uncoated copper clippings, punchings, bus bars, commutator segments, and wire not less than 1/16 of an inch thick, free of burnt wire which is brittle; but may include clean copper tubing. Hydraulically briquetted copper subject to agreement.

Cliff - No. 2 Copper

Shall consist of miscellaneous, unalloyed copper scrap having a nominal 96% copper content (minimum 94%) as determined by electrolytic assay. Should be free of the following: Excessively leaded, tinned, soldered copper scrap; brasses and bronzes; excessive oil content, iron and non-metallics; copper tubing with other than copper connections or with sediment; copper wire from burning, containing insulation; hair wire; burnt wire which is brittle; and should be reasonably free of ash. Hydraulically briquetted copper subject to agreement.

Clove - No. 1 Copper Wire Nodules

Shall consist of No. 1 bare, uncoated, unalloyed copper wire scrap nodules, chopped or shredded, free of tin, lead, zinc, aluminum, iron, other metallic impurities, insulation, and other foreign contamination. Minimum copper 99%. Gauge smaller than No. 16 B & S wire and hydraulically compacted material subject to agreement between buyer and seller.

Cobra - No. 2 Copper Wire Nodules

Shall consist of No. 2 unalloyed copper wire scrap nodules, chopped or shredded, minimum 97% copper. Maximum metal impurities not to exceed 0.50% aluminum and 1% each of other metals or insulation. Hydraulically compacted material subject to agreement between buyer and seller.

Cocoa - Copper Wire Nodules

Shall consist of unalloyed copper wire scrap nodules, chopped or shredded, minimum 99% copper. Shall be free of excessive insulation and other non-metallics. Maximum metal impurities as follows: Aluminum - .05% Tin - .25% Nickel - .05% Antimony - .01% Iron - .05% Hydraulically compacted material subject to agreement between buyer and seller.

Dream - Light Copper

Shall consist of miscellaneous, unalloyed copper scrap having a nominal 92% copper content (minimum 88%) as determined by electrolytic assay and shall consist of sheet copper, gutters, downspouts, kettles, boilers, and similar scrap. Should be free of the following: Burnt hair wire; copper clad; plating racks; grindings; copper wire from burning, containing insulation; radiators, fire extinguishers; refrigerator units; electrotype shells; screening; excessively leaded, tinned, soldered scrap; brasses and bronzes; excessive oil, iron and non-metallics; and should be reasonably free of ash. Hydraulically briquetted copper subject to agreement. Any items excluded in this grade are also excluded in the higher grades above

Drink - Refinery Brass

Shall contain a minimum of 61.3% copper and maximum 5% iron and to consist of brass and bronze solids and turnings, and alloyed and contaminated copper scrap. Shall be free of insulated wire, grindings, electrotype shells and non-metallics. Hydraulically briquetted material subject to agreement.

Drove - Copper-Bearing Scrap

Shall consist of miscellaneous copper-containing skimmings, grindings, ashes, iron brass and copper, residues and slags. Free of insulated wires; copper chlorides; unprepared tangled material; large motors; pyrophoric material; asbestos brake linings; furnace bottoms; high lead materials; graphite crucibles; and noxious and explosive materials. Fine powdered material by agreement. Hydraulically briquetted material subject to agreement.

Druid - Insulated Copper Wire Scrap

Shall consist of copper wire scrap with various types of insulation. To be sold on a sample or recovery basis, subject to agreement between buyer and seller

Ebony - Composition Or Red Brass

Shall consist of red brass scrap, valves, machinery bearings and other machinery parts, including miscellaneous castings made of copper, tin, zinc, and/or lead. Should be free of semi-red brass castings (78% to 81% copper); railroad car boxes and other similar high-lead alloys; cocks and faucets; closed water meters; gates; pot pieces; ingots and burned brass; aluminum, silicon, and manganese bronzes; iron and non-metallics. No piece to measure more than 12" over any one part or weigh over 100 lbs.

Enerv - Red Brass Composition Turnings

Shall consist of turnings from red brass composition material and should be sold subject to sample or analysis.

Elder - Genuine Babbitt-Lined Brass Bushings

Shall consist of red brass bushings and bearings from automobiles and other machinery, shall contain not less than 12% high tin-base babbitt, and shall be free of iron-backed bearings.

Elias - High Lead Bronze Solids And Borings

It is recommended that these materials be sold on sample or analysis

Engel - Machinery Or Hard Brass Solids

Shall have a copper content of not less than 75%, a tin content of not less than 6%, and a lead content of not less than 6% - nor more than 11%, and total impurities, exclusive of zinc, antimony, and nickel of not more than 0.75%; the antimony content not to exceed 0.50%. Shall be free of lined and unlined standard red car boxes.

Erin - Machinery Or Hard Brass Borings

Shall have a copper content of not less than 75%, a tin content of not less than 6%, and a lead content of not less than 6% nor more than 11%, and the total impurities, exclusive of zinc, antimony, and nickel of not more than 0.75%, the antimony content not to exceed 0.50%.

Fence - Unlined Standard Red Car Boxes (Clean Journals)

Shall consist of standard unlined and/or sweated railroad boxes and unlined and/or sweated car journal bearings, free of yellow boxes and iron-backed boxes.

Ferry - Lined Standard Red Car Boxes (Lined Journals)

Shall consist of standard Babbitt-lined railroad boxes and/or Babbitt-lined car journal bearings, free of yellow boxes and iron-backed boxes.

Grape - Cocks And Faucets

Shall consist of mixed clean red and yellow brass, including chrome or nickel-plated, free of gas cocks, beer faucets, and aluminum and zinc base die cast material, and to contain a minimum of 35% semi-red.

Honey - Yellow Brass Scrap

Shall consist of brass castings, rolled brass, rod brass, tubing and miscellaneous yellow brasses, including plated brass. Must be free of manganese-bronze, aluminum-bronze, unsweated radiators or radiator parts, iron, excessively dirty and corroded materials.

Ivory - Yellow Brass Castings

Shall consist of yellow brass castings in crucible shape, no piece to measure more than 12 inches over any one part; and shall be free of brass forgings, silicon bronze, aluminum bronze and manganese bronze, and not to contain more than 15% nickel plated material.

Label - New Brass Clippings

Shall consist of the cuttings of new unleaded yellow brass sheet or plate, to be clean and free from foreign substances and not to contain more than 10% of clean brass punchings under ¼ inch. To be free of Muntz metal and naval brass.

Lace - Brass Shell Cases Without Primers

Shall consist of clean fired 70/30 brass shell cases free of primers and any other foreign material.

Lady - Brass Shell Cases With Primers

Shall consist of clean fired 70/30 brass shell cases containing the brass primers and which contain no other foreign material.

Lake - Brass Small Arms And Rifle Shells, Clean Fired

Shall consist of clean fired 70/30 brass shells free of bullets, iron and any other foreign material.

Lamb - Brass Small Arms And Rifle Shells, Clean Muffled (Popped)

Lark - Yellow Brass Primer

Shall consist of clean yellow brass primers, burnt or unburnt. Free of iron, excessive dirt, corrosion and any other foreign material.

Maize - Mixed New Nickel Silver Clippings

Shall consist of one or more nickel silver alloys and the range of nickel content to be specified, free of chrome or any other plating material. Leaded nickel silver clippings should be packed and sold separately. Not to contain more than 10% of clean punchings under ¼ inch.

Major - New Nickel Silver Clippings And Solids

Shall consist of new, clean nickel silver clippings, plate, rod and forgings, and other rolled shapes, free of chrome or any other plating material. Must be sold on nickel content specifications such as 10%±12%±15%±18%±20%. Leaded nickel silver clippings should be packed and sold separately. A description as to its physical characteristics should be made in offering all nickel silver material.

Malar - New Segregated Nickel Silver Clippings

Shall consist of one specified nickel silver alloy. Not to contain more than 10% of clean punchings under ¼ inch.

Malic - Old Nickel Silver

Shall consist of old nickel silver sheet, pipe, rod, tubes, wire, screen, soldered or unsoldered. Must not be trimmed seams alone and it is also to be free of foreign substances, iron rimmed material and other metals.

Melon - Brass Pipe

Shall consist of brass pipe free of plated and soldered materials or pipes with cast brass connections. To be sound, clean pipes free of sediment and condenser tubes.

Naggy - Nickel Silver Castings

To be packed and sold separately.

Niece - Nickel Silver Turnings

To be sold by sample or analysis.

Night - Yellow Brass Rod Turnings

Shall consist of strictly rod turnings, free of aluminum, manganese, composition, Tobin and Muntz metal turnings; not to contain over 3% free iron, oil or other moisture; to be free of grindings and babbitts; to contain not more than 0.30% tin and not more than 0.15% alloyed iron.

Noble - New Yellow Brass Rod Ends

Shall consist of new, clean rod ends from free turning brass rods or forging rods, not to contain more than 0.30% tin and not more than 0.15% alloyed iron. To be free of Muntz metal and naval brass or any other alloys. To be in pieces not larger than 12" and free of foreign matter.

Nomad - Yellow Brass Turnings

Shall consist of yellow brass turnings, free of aluminum, manganese and composition turnings, not to contain over 3% of free iron, oil or other moisture; to be free of grindings and Babbitt's. To avoid dispute, to be sold subject to sample or analysis.

Ocean - Mixed Unsweated Auto Radiators

Shall consist of mixed automobile radiators, to be free of aluminum radiators, and iron finned radiators. All radiators to be subject to deduction of actual iron. The tonnage specification should cover the gross weight of the radiators, unless otherwise specified.

Pales - Admiralty Brass Condenser Tubes

Shall consist of clean sound Admiralty condenser tubing which may be plated or un-plated, free of nickel alloy, aluminum alloy, and corroded material.

Pallu - Aluminum Brass Condenser Tubes

Shall consist of clean sound condenser tubing which may be plated or unplated, free of nickel alloy and corroded material.

Palms - Muntz Metal Tubes

Shall consist of clean sound Muntz metal tubing which may be plated or unplated, free of nickel alloy, aluminum alloy, and corroded material.

Parch - Manganese Bronze Solids

Shall have a copper content of not less than 55%, a lead content of not more than 1%, and shall be free of aluminum bronze and silicon bronze.

Metals - Non-Ferrous Scrap » Scrap Lead

Eland - High Grade-Low Lead Bronze Solids

It is recommended these materials be sold by analysis.

Racks - Scrap Lead - Soft

Shall consist of clean soft scrap lead, free of other materials such as drosses, battery plates, lead covered cable, hard lead, collapsible tubes, foil, type metals, aluminum, zinc, iron and brass fittings, dirty chemical lead and radioactive materials. Review packaging specifications and regulatory status pertaining to shipping with buyer prior to sale.

Radio - Mixed Hard/Soft Scrap Lead

Shall consist of clean lead solids, free of other materials, such as drosses, battery plates, lead covered cable, collapsible tubes, type metals, aluminum, zinc, iron and brass fittings, dirty chemical lead and radioactive materials. Review packaging specifications and regulatory status pertaining to shipping with buyer prior to sale.

Rails - Lead Battery Plates

Specify whether automotive, industrial or mixed. Also whether they are groups or loose. The only other metallic that might be included could be lead connectors. To be free of non-metallics, i.e., plastic or rubber, with the exception that separators may be included. Material to be dry. May be bought on an assay basis or a flat price. Submarine plates subject to negotiation. Review packaging specifications and regulatory status pertaining to shipping with buyer prior to sale.

Rains - Scrap Drained/Dry Whole Intact Lead

To be free of any liquid. Cases to be either plastic or rubber and be complete including caps. Non-lead (nicad, ni-fe, carbonaire, etc.) not acceptable. Industrial, steel cased, aircraft (aluminum cased) and partial, cracked or broken batteries and batteries without caps subject to special agreement. Review packaging specifications and regulatory status pertaining to shipping with buyer prior to sale.

Rakes - Battery Lugs

To be free of scrap lead, wheel weights, battery plates, rubber and/or plastic case material and other foreign material. A minimum of 97% metallic content is required. Review packaging specifications and regulatory status pertaining to shipping with buyer prior to sale.

Relay - Lead Covered Copper Cable

Free of armored covered cable, and foreign material.

Rents - Lead Dross

Should be clean and reasonably free of other materials such as iron, dirt, harmful chemicals or other metals. To be free of radioactive materials, aluminum and zinc. May be bought on an assay basis or as agreed to by buyer and seller. Other metals present such as antimony, tin, etc., to be accounted for as agreed between buyer and seller. Material to be readily dumped from drums. An extra charge may be assessed if material has to be mechanically removed. Review packaging specification and regulatory status pertaining to shipping with buyer prior to sale.

Rink - Scrap Wet Whole Intact Lead Batteries

Consisting of SLI (starting, lighting & ignition), automotive, truck, 8- D and commercial golf cart and marine-type batteries. Cases to be either plastic or rubber and to be complete. Non-lead(i.e., ni-cad,ni-fe, carbonaire, etc.) not acceptable. Other types i.e. aircraft (aluminum) gel-cel, lawnmower, etc., and partial, cracked or broken batteries or batteries without caps and the amount of liquid content and any variations to the specification subject to special agreement. Review packaging specifications and regulatory status pertaining to shipping with buyer prior to sale.

Rono - Scrap Industrial Intact Lead Cells

Consisting of plates enclosed by some form of complete plastic case. Partial, cracked or broken cells, cells without caps and the amount of liquid content and any variations to the specification subject to special agreement. Review packaging specifications and regulatory status pertaining to shipping with buyer prior to sale.

Roper - Scrap Whole Intact Industrial Lead Batteries

Consisting of bus, diesel, locomotive, telephone and/or steel cased batteries. Submarine batteries subject to negotiation. Partial, cracked, broken or batteries without caps and the amount of liquid content and any variations to the specification subject to special agreement. Review packaging specifications and regulatory status pertaining to shipping with buyer prior to sale

Ropes - Wheel Weights

To consist of lead tire balances with or without iron clips. Not to include scrap lead, lugs or plates unless specifically agreed to. To be free of foreign material. Review packaging specifications and regulatory status pertaining to shipping with buyer prior to sale.

Metals - Non-Ferrous Scrap » Scrap Magnesium

Wafer - Magnesium Clips

Shall consist of clean magnesium clips in crucible size, free of copper, aluminum, and zinc flashings and excessive oil and grease. To be free of all foreign attachments.

Walnut - Magnesium Scrap

Shall consist of magnesium castings, magnesium engine blocks and transmission casings, bomber and car wheels, extrusions, and sheet. Material to be free from brass and copper inserts and all foreign attachments. To be free of anodes, hollow castings and explosives. Percentages of and penalties for dirt, oil, grease, and iron to be subject to agreement between buyer and seller. Excessively large pieces to be negotiated between buyer and seller.

Wine - Magnesium Engraver Plates

To be free of copper, aluminum, zinc, and electrotpe plates. To be clean and free of all foreign attachments. Magnesium plates shipped loose by agreement between buyer and seller.

Wood - Magnesium Dockboards

Shall consist of clean magnesium dockboard cut or broken to size agreed upon by buyer and seller. To be free of all foreign attachments.

World - Magnesium Turnings

It is recommended that these materials be sold by special arrangement between buyer and seller.

Metals - Non-Ferrous Scrap » Scrap Zinc

Saves - Old Zinc Die Cast Scrap

Shall consist of miscellaneous old zinc base die castings, with or without iron and other foreign attachments. Must be free of borings, turnings, dross pieces, chunks, melted pieces and kimmings. All unmeltables, dirt, foreign attachments, and volatile substances (such as rubber, cork, plastic, grease, etc.) are deductible. Material containing in excess of 30% iron will not constitute good delivery.

Scabs - New Zinc Die Cast Scrap

Shall consist of new or unused, clean, zinc base die castings. Castings to be unplated, unpainted, and free from corrosion.

Scope - New Plated Zinc Die Cast Scrap

Shall consist of new or unused clean, plated zinc base die castings, free from corrosion.

Scout - Zinc Die Cast Automotive Grilles

Shall consist of clean, old or used zinc base die cast automotive grilles, free from soldered material. All foreign attachments and extraneous materials are deductible.

Score - Old Scrap Zinc

Shall consist of clean dry scrap zinc, such as sheets, jar lids, clean unalloyed castings and anti-corrosion plates. Borings and turnings are not acceptable. Material must not be excessively corroded or oxidized. All foreign attachments and extraneous materials are deductible.

Screen - New Zinc Clippings

Shall consist of any new pure zinc sheets or stampings free from corrosion. To contain no foreign material or attachments. Printer's zinc, such as engravers zinc, lithograph sheets and addressograph plates subject to special arrangements. Printers zinc to be free of routings.

Scull - Zinc Die Cast Slabs Or Pigs

Shall consist of melted zinc base die cast materials, in smooth clean solid slabs or pigs. Material to be free from drosses and to contain a minimum zinc content of 90%. To contain a

maximum of 0.1% nickel and maximum of 1% lead. Blocks are acceptable upon mutual agreement.

Scribe - Crushed Clean Sorted Fragmentizers Die Cast Scrap, As Produced From Automobile Fragmentizers

To be clean, free of dirt, oil, glass, rubber, and trash. To contain a maximum of 5% unmeltables such as free iron, copper, aluminum and other metals.

Scroll - Unsorted Zinc Die Cast Scrap

Produced from automobile fragmentizers. Material to contain about 55% zinc-bearing scrap. Other nonferrous metals such as aluminum, stainless steel, red metal, etc., to be about 40%. Insulated copper wire about 1%. Trash, dirt, glass, rubber, oil, iron, not to exceed 5%. Any variations to be sold by special arrangement between buyer and seller.

Scrub - Hot Dip Galvanizers Slab Zinc Dross (Batch Process)

Shall consist only of galvanizers unsweated zinc dross in slab form from hot dip galvanizing (Batch Process) with a minimum zinc content of 92% and shall be free of skimmings and tramp iron. Broken pieces under 2" in diameter shall not exceed 10% of the weight of each shipment. Slabs shall not weigh over 100 pounds each. Heavier pieces acceptable upon mutual agreement between buyer and seller. Material from continuous galvanizing operation is not acceptable. Blocks are acceptable upon mutual agreement.

Seal - Continuous Line Galvanizing Slab Zinc Top Dross

Shall consist of unsweated zinc dross removed from the top of a continuous line galvanizing bath, in slab form not weighing in excess of 100 pounds each, with a minimum zinc content of 90%. Heavier pieces acceptable upon mutual agreement between buyer and seller. Shall be free of skimmings. Broken pieces under 2" in diameter shall not exceed 10% of the weight of each shipment.

Seam - Continuous Line Galvanizing Slab Zinc Bottom Dross

Shall consist of unsweated zinc dross removed from the bottom of a continuous line galvanizing bath, in slab form not weighing in excess of 100 pounds each, with a minimum zinc content of 92%. Heavier pieces acceptable upon mutual agreement between buyer and seller. Shall be free of skimmings. Broken pieces under 2" in diameter shall not exceed 10% of the weight of each shipment.

Shelf - Prime Zinc Die Cast Dross

Shall consist of metal skimmed from the top of pot of molten zinc die cast metal. Must be unsweated, unfluxed, shiny, smooth, metallic and free from corrosion or oxidation. Should be poured in molds or in small mounds weighing not over 75 pounds each. Zinc shall be minimum of 85%