

Anbakam Metals Scrap Specifications

Heavy Melting Steel Scrap No: 1 & 2:

Wrought iron and/or steel scrap(HMS 1 à 6.35 mm or ¼ inch and over in thickness & HMS 2 à 3.175 mm or 1/8 inch and over in thickness. Charging box size, prepared in a manner to insure compact charging.

ISRI Grade: 200 to 206

No. 1 busheling:

Clean steel scrap, not exceeding one foot 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.

ISRI Grade: 207

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 de-tinned 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.

It can also be generated using 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.

ISRI Grade: 208 & 209

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 and above.

ISRI Grade: 210/211

Re-Bar or HMS 1 & 2 bundles:

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.

ISRI Grade: 217/218

Machine shop turnings/ Iron borings:

Clean steel or wrought iron turnings, free of nonferrous metals in a free state, scale, or excessive oil. May not include badly rusted or corroded stock. Also includes Clean short steel or wrought iron turnings, drillings, or screw cuttings. May include any such material whether resulting from crushing, raking, or other processes. Material is free of non ferrous metals in a free state, grindings, or excessive oil.

ISRI Grade: 219 to 222

Cast Iron Borings:

Clean cast iron or malleable iron borings and drillings, free of steel turnings, scale, lumps or excessive oil.
ISRI Grade: 223

Briquetted iron borings/Steel turnings:

Analysis and density to consumer's specifications.
ISRI Grade: 227/228

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, shearing's, or broken steel tires. Dimensions not less than 6.35 mm (1/4 inch) thickness, not over 5 feet in length and 24 inches in width. Phosphorus or sulphur not over 0.05 percent.
ISRI Grade: 231 to 234

MS Re-rollable scrap:

MS Scrap with dimension of 12 mm & above thickness over 5 feet & over in length suitable for rerolling into bars & shapes. Must be free from bent and twisted materials.

Railroad Ferrous Scrap**Axles, Steel:**

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

Railroad Scrap RR100/110:

Standard section tee rails, original weight 100 or 110 pounds per meter, 10 feet long and over. Suitable for rerolling into bars and shapes. Free from bent and twisted rails, frog, switches, 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.

Rail Wheels

Cast iron car wheels, solid caste steel, forged, pressed and/or rolled steel car and/or locomotive wheels (offer varies from time to time, please check with marketing executive)

Destroyed Steel Cars

Bodies of the steel cars cut apart sufficiently to load (offer varies from time to time based on material availability, please check with marketing executive)

Foundry grades Ferrous scrap

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 6.35 mm (1/4 inch) in thickness, not over 3 feet in length and 18 inches in width. Phosphorus or sulphur not over 0.05 percent.

ISRI Grade: 236/237/238

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.

ISRI Grade: 242/243

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 2 feet x 2.5 feet, and no piece over 70 kgs in weight.

ISRI Grade: 252

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.

ISRI Grade: 254

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.

ISRI Grade 257

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.

ISRI Grade: 259

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.

ISRI Grade: 261

Clean auto cast, broken/processed:

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.

ISRI Grade: 262

Clean auto cast – Drums and Rotors:

Clean break drums and rotors scrap. Can be processed based on customer need on time to time basis.

Shredded scrap:

Homogeneous iron and steel scrap magnetically separated, originating from unprepared plates & structural scrap, miscellaneous 1010 steel and sheet scrap. Average density 70 pounds per cubic foot and above.

No. 1 busheling (Low manganese scrap):

Clean steel scrap, not exceeding one foot in any dimensions, including new factory busheling (for example, CR 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.

Bushling shredded scrap:

Homogeneous iron and steel scrap magnetically separated, originating from No. 1 bushling scrap. Average density 70 pounds per cubic foot and above.

Briquetted cast iron borings:

Hot process: Cast iron borings, heated, briquetted, to a density of approximately 85 percent, oil and water content less than 1 percent.

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.