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# Glossary

Baghouse	Gas clean-up device consisting of a chamber or room in which bag filters trap solids that have temporarily combined with gases
Billets	Starting stock of a forging or extrusion operation
Blooms	Semifinished product, similar to a billet
Briquette	An agglomerate of steel plant waste material that is sufficiently compressed to be fed to a furnace
Coke	The carbon residue left when the volatile matter is driven from coal by high-temperature distillation; coke breeze consists of undersized coke particles recovered from screening and quenching
Delist	Process of having a listed hazardous waste ruled to be non-hazardous
Descaling	Process of removing scale from the surface of steel
Dewater	To remove the water from a pulp or sludge by mechanical or evaporative methods
Flux	In liquid metal processing, a nonmetallic material that is used to protect the metal and remove impurities
Galvanized	Having a zinc coating; normally applied to finished, cold-rolled sheets or to fabricated parts made from strip products
Heat	A quantity of steel manufactured in a BOF or an EAF on a batch basis
Hydrocyclone	Apparatus that extracts suspended particles from flowing liquid; used especially to classify solids in mineral pulp
Hydrometallurgical	A chemical metallurgical process that depends on water action
Iron Unit	Iron contained in steelmaking by-products or scrap; iron contained in iron ore, direct reduced iron, etc.
Mill Scale	The iron oxide scale that breaks off of heated steel as it passes through a rolling mill
Oxidize	To chemically combine with oxygen
PCB	Polychlorinated biphenyl

Pickle	Chemical or electrochemical removal of surface oxides
Pyrometallurgical	A chemical metallurgical process depending on heat action
Refractory	Describing a material that has a high softening point and a very high melting point
Scrap	Iron or steel discard or cuttings, or junk metal that can be reprocessed
Sinter	In blast furnace usage, lumpy material that has been prepared from iron ore fines, flue dust, other iron-bearing materials, limestone, and coke breeze
Slabs	A flat metal or alloy shape that is thicker than a plate but thinner than an ingot
Slag	Vitrified mineral waste removed in the reduction of metals from their ores
Sludge	Solid matter produced by a water treatment process that is precipitated or settled out
Swarf	Chips, shavings, and other fine material produced during a grinding operation
Tundish	A rectangular, lined vessel that provides a stable flow of metal from the ladle into the continuous caster

For further information, please refer to the authoritative industry text:

W.T. Lankford, Jr. et al, Eds. *The Making, Shaping, and Treating of Steel*, Tenth Edition. Association of Iron and Steel Engineers, Pittsburgh, 1985.