YARD OPERATIONS
- Provides over 1,200 tons of scrap metal to the Melt Shop per day
- Handles 400,000 tons per year of incoming scrap from trucks and rail
- Provides support services for outbound products shipped by truck and rail
- Supports baghouse operations, plant sweeping operations

MELTING PROCESS
Scrap steel is melted in 5 Ways
1. "Hot heel" practice
2. Electrical energy
3. Natural gas energy
4. Chemical energy
5. Exhaust heat

CASTER
- Forms liquid steel into a 5" square section in a continuous strand
- The solidified strand exits the caster and enters the induction furnace to be prepared for rolling

LADLE Metallurgical Station (LMS)
- Adds alloys to refine steel according to chemical specifications
- Establishes consistent temp and mixture throughout the ladle
- Stages ladles between furnace and caster to aid billet flow

CASTER FUNCTIONS
- Intermediate & Finishing Mill
- "Flying" Shear
- Low Speed Line
- Loop

CONTINUOUS CASTER
- Ladle Car transfers the ladle from the furnace to the LMS
- Ladle Car
- Tapping Sequence
- LADLE

FINISHING & TRANSPORTATION
- Loads CMC trucks, customer trucks, and commercial carriers
- Arranges shipment of all finished products
- Arranges transportation of inbound materials including CMC truck "backhauls"

BUNDLING & SHIPPING
- Automated bundling systems prepare products for movement by overhead crane to storage areas or directly to customer trucks.