BURNS HARBOR PLANT
BURNS HARBOR PLANT

- 1962  Bethlehem Steel announced plans to construct a steel plant on a 3,330 acre site at Burns Harbor, IN

- 1964  In November the 160” Plate Mill begins production.

- 1965  The Cold Rolled Sheet Mill and a Tin Mill (now the 48” Galvanizing Line) comes on line.

- 1966  The 80” Hot Strip Mill starts up.

- 1969  The plant’s initial hot metal facilities were brought on stream. The facilities consisted of an 82 oven coke making battery, a 5,000 ton per day blast furnace, two 300 ton basic oxygen furnaces and the Slab Mill.

- 1972  A second 82 oven coke making battery and a second blast furnace were started up.

- 1975  Bethlehem Steel Corporation’s first continuous slab caster and the Sintering Plan begins operation.

- 1978  The 110” Plate Mill and the third B.O.F. vessel became operational.
BURNS HARBOR PLANT

- 2000  A new 500,000 ton per year hot-dip galvanizing facility, Columbus Coatings Company, begins production. The facility is a 50/50 joint venture with LTV Steel with Burns Harbor supplying and marketing 50% of the production from the line.

- 2000  Ingot production ends at Burns Harbor with the closure of the Slab Mill Operation.

- 2001  October 15, 2001 - Bethlehem Steel enters Chapter 11 bankruptcy.
  » 100 years old
  » Legacy

2003  May 8, 2003 - International Steel Group (ISG) purchases the assets of Bethlehem Steel.
  Legacy eliminated
  New labor contract
  Steel Market

- 2005  April 15, 2005 - ISG is acquired by Mittal Steel. The Burns Harbor Plant is now Mittal Steel USA - Burns Harbor.

  Brand launch June 1 2007
Burns Harbor Plant

- Markets include automotive, service centers, railcar, line pipe, construction and machinery.

- Produce a broad range of sheet (hot rolled, cold rolled, coated) and plate (HSLA, Line Pipe, Heat Treated) products.

- The principal operations are located in Northwest Indiana on Lake Michigan. Related operations include:
  - Hennepin, Riverdale
  - Columbus Coatings, Lackawanna, I/N Kote

- Key Competitive Strengths:
  - Location close to major steel markets and raw materials with various means of transportation to ship to and from the plant.
  - World class facilities with a highly skilled workforce
  - A high quality producer at low product costs
  - World class technical resources
  - Excellent customer relationships
Burns Harbor Plant (2006 Statistics)

OPERATING PERFORMANCE
- 4.26 million tons liquid steel
  3.96 metric tons liquid steel
- 100% continuous cast
- 4.18 million tons of plant shipments
  3.79 million metric tons of plant shipments

EMPLOYEES - Demographics
- Total employees 3803
  - 486 salary
  - 3317 represented
- 51 years - average age
- 25 years - average plant service time
- MSU 20,000
- ArcelorMittal 320,000

PRODUCTS AND MARKETS
- Hot-Dipped Galvanized
  - Automotive
  - Light Manufacturing
- Hot Rolled Sheet
  - Automotive
  - Service Center/Conversion
- Cold Rolled
  - Automotive
  - Light Manufacturing
  - Service Centers/Conversion
- Plate
  - Heavy Machinery
  - Service Centers/Conversion
- Electrogalvanized
  - Automotive
## Burns Harbor’s Plant Shipments

<table>
<thead>
<tr>
<th>Short Tons (X1000)</th>
<th>2004</th>
<th>2005</th>
<th>2006</th>
<th>2007 BP</th>
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</thead>
<tbody>
<tr>
<td>Light Flat Roll</td>
<td>3,545</td>
<td>3,609</td>
<td>3,042</td>
<td>3,346</td>
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<tr>
<td>Plate</td>
<td>754</td>
<td>839</td>
<td>1,133</td>
<td>1,233</td>
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<tr>
<td>Total</td>
<td>4,299</td>
<td>4,448</td>
<td>4,175</td>
<td>4,579</td>
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</tbody>
</table>
Burns Harbor Facilities

- **80” Hot Strip Mill** (Annual Capacity 4.4 Million Tons, 4.0 Million Metric Tons)
  - Three pusher type reheat furnaces with extractors
  - Five roughing mills, four vertical edgers, seven finishing stands
  - Three coilers
  - Skin pass temper mill

- **Finishing Operations**
  - Two continuous 80” pickle lines *(Annual Capacity 2.5 M tons, 2.27 M Metric)*
  - 80” five stand tandem cold reduction mill *(Annual Capacity 2.3 M tons, 2.1 M Metric)*
  - Batch anneal (HNx) *(Annual Capacity 1.0 M tons, 0.91 M Metric)*
  - Continuous anneal line (60” max) *(1524 mm)* *(Capacity 0.33 M tons, 0.29 M Metric)*
  - 80” temper mill *(Annual Capacity 1.0 M Tons, 0.91 M Metric)*
  - 80” hot dipped coating line *(Annual Capacity .6 M tons, .54 M Metric)*
    - Galvanneal furnace
    - In-line temper mill & tension leveler
Burns Harbor Facilities

- **Plate Operations**
  - **160” Plate Mill (Annual capacity of 0.85 Million tons, 0.77 Million Metric Tons)**
    - Two continuous pusher furnace and three batch furnaces
    - Two-high roughing mill and a four-high finishing mill
    - Accelerated Cooling Unit (ADCO)
    - 4,000-ton leveler, two side trimming lines & end shears
    - Roller hearth hardening & tempering furnace
    - Flame Cut Facility to cut thick plate to size
  - **110” Plate Mill - (Annual capacity of 0.35 Million Tons, .32 Million Metric Tons)**
    - Two walking beam furnaces
    - Two high roughing mill & four high finishing mill
    - 1,500-ton leveler
  - **Gary Heat Treat Facility in Gary, Indiana**
    - Walking beam normalizing furnace
    - Roller hearth hardening & tempering furnaces with a Platen Quench
    - Shearing and shipping facility
Burns Harbor’s Light Flat Rolled Customer Base - Automotive
Burns Harbor Plate - Customer Base
Today’s Big 3

Service Centers

Line Pipe

Rail Car
Burns Harbor Plant
Community Support

- Leading contributor to the Northwest Indiana American Heart Association’s Heart Walk in 2005: $276,636
  2006: $248,888
- Major contributor to Northwest Indiana United Way:
  2005: $619,686
  2006: $695,000
- Major contributor to other local organizations:
  - Boys & Girls Clubs of Northwest Indiana
  - American Cancer Society
  - American Red Cross - Hurricane Katrina Fund
  - Juvenile Diabetes Association
  - Multiple Sclerosis Society
  - Spring Valley Homeless Shelter
  - The Caring Place (Abused Women’s Shelter)
  - Crisis Center of Northwest Indiana
  - Rebuilding Together
BURNS HARBOR PLANT