

Quintus H. Rotzell, Jr. Collection
Accession Number 2000.049

In December 1980, Quintus H. Rotzell, Jr., superintendent of the mills, hammers, roll shop and steel preparation in the tool steel and specialty metals division, retired after a 30-year career at Bethlehem Steel Corporation. Thirty years earlier Bethlehem Steel hired the recently graduated mechanical engineer from Lehigh University at its Saucon mills. Rotzell became foreman of the alloy and tool division in 1953. In 1963, Bethlehem Steel made Rotzell general foreman of the 12-inch and 14-inch bar mill. Six years later Rotzell became assistant superintendent of the mills, hammers, and roll shop, and superintendent of that department in 1974. He assumed his latest duties in 1978. The collection relates to the production of rolled steel at Bethlehem Steel's 12-inch and 14-inch bar mill (Lehigh plant) in Bethlehem, Pa.

1/3 linear feet

Box 1

1. Correspondence, Press Releases
2. Folder 2: Photographs 12-inch and 14-inch bar mill, Bethlehem Steel, Lehigh plant, Bethlehem, Pa.
3. Blueprints
 - a. "For #2-22 Mill." Lehigh Roll Shop - DER, nd.
 - b. "Vertical Rolls for Squares & Rectangles, Vertical Rolls for Hexagons."
 - c. Machine: DH DH-UB straightener, Title: Rolls, Part No.3730-D, September 20, 1948.
4. Miscellaneous
 - a. Bethlehem Steel. *Steel Analyses and Useful Data*, August, 1972.
 - b. Bethlehem Steel. *Steel Selector, Weight Calculator & Properties Guide*,
 - c. Calculator 156.
 - d. Nicholson File Company (Providence, RI). *Nicholson and X. F. Swiss Pattern Files*. Catalog no. N-12, 1954.
 - e. Ledger: Engineer's ledger
 - f. Property of Lehigh Roll Shop, Lehigh Plant, Bethlehem Steel. DER-Roll Shop Office, 1940s

Books:

- Kent, William. *Mechanical Engineer's Handbook*. Fifth edition, 1900.
Transferred to Library Collection.
- Staniar, William. *Plant Engineering Handbook*. McGraw-Hill Book Company, Inc., 1950.
- Wusatowski, Zygmunt. *Fundamentals of Rolling*. Pergamon Press, 1969.