FILE NAME: Baldwin (BALD)

DATE: 0000

DOC#: BALD058

DOCUMENT DESCRIPTION: Book Excerpt - Abbreviations and Other Sources [Due to Destruction of Original Baldwin Archive]

ABBREVIATIONS AND ORIGINAL SOURCES

Because much of the Baldwin company's extensive archive was destroyed in the mid-1950s, this account necessarily draws on a wide range of primary and secondary sources. Individuals who provided original sources are noted in the acknowledgments; institutional repositories are listed below.

The abbreviations used in citations for major manuscript collections are given below. One other abbreviation form is used in the notes, a short-form citation for the Baldwin letterbooks (1844–66) in BLW-HSP. For example, a letter cited as IN 7/61 is found in the Incoming Letterbook dated July 1861; one listed as OUT 10/61 appears in the Outgoing Letterbook dated October 1861.

HISTORICAL SOCIETY OF PENNSYLVANIA, PHILADELPHIA

BLW-HSP: Baldwin Locomotive Works Papers. This collection of 225 volumes of papers and ledgers details Baldwin's history from 1836 to 1866. Donated to HSP by the company circa 1946, it includes 165 letterbooks, fifty volumes of financial data, and approximately ten miscellaneous books, including three detailing the company's apprenticeship program. The letterbooks, which include incoming and outgoing correspondence, contain approximately one hundred thousand letters, bills, contracts, engine specifications, telegrams, and receipts. Each letterbook was selectively reviewed and every fifth book was read entirely.

SMV-HSP: Samuel Matthews Vauclain Papers. This collection of correspondence, reports, and memoranda covers the period from 1905 to 1931, during which Vauclain was successively a partner, vice president, president, and chairman of the company.

John Clayton Papers: A small collection of the personal and business papers of Matthias Baldwin's son-in-law, John Clayton, who served as the company's legal counsel from circa 1845 to 1866.

HAGLEY MUSEUM AND LIBRARY, WILMINGTON, DELAWARE

WLA-HAG: William Liseter Austin Collection. This collection includes drawings, internal memos, photographs, and reports kept by Austin during his career (1870–1932) at Baldwin, where he rose from a draftsman to chairman of the board. The collection includes shorthand notes taken by president Austin in the summer of 1910 that detail inside contracting at the firm. There is an additional Austin collection at Hagley—cited in the notes as WLA(B)-HAG—consisting of a number of notebooks outlining sales and design negotiations with customers.

The Reading Company Collection: This large corporate archive of the Philadelphia and Reading Railway provides data on the carrier's frequent purchases of Baldwin engines (1840s–1920s).

SMITHSONIAN INSTITUTION, WASHINGTON, D.C.

BLW-NMAH: The Archives Center at the National Museum of American History holds a collection of Baldwin's Order Books (eight volumes, 1854–1900) and its construction lists or Registers of Engines (nine volumes, 1832–1956). These sources provided much of the data on the variety in Baldwin's products noted in chapter 3, and on the weight of output, discussed in chapter 6. The Division of Transportation at NMAH also holds four scrapbooks that were created at Baldwin between 1870 and 1930 to preserve historical material. They mostly contain clippings from the technical press on Baldwin engines, but one volume was particularly valuable. It includes a sample of every printed document Baldwin used in the 1870s and 1880s, including contract forms, List System blanks, employees rules, and instructions to foremen—many of which are pictured here.

DEGOLYER LIBRARY, SOUTHERN METHODIST UNIVERSITY, DALLAS, TEXAS

SMV-DEG: The Samuel M. Vauclain Collection at DeGolyer covers the period from 1882 to 1929, during which Vauclain rose from a foreman's tip to Baldwin's presidency. The collection includes Vauclain's Production Notebooks (twenty-seven volumes, 1888–1919), containing much detail on output, revenues, the workforce, contracting, and so on. There are also a host of other internal company documents from the period 1900–1929.

BLW-DEG: This repository also holds an extensive collection of Baldwin's engineering data, including over eight thousand drawings (1870s–1950s). Supporting volumes include the Law Books, Specification Books, and Weight Books (used to compile the weight index of output in chapter 6).

DEPARTMENT OF SPECIAL COLLECTIONS, STANFORD UNIVERSITY LIBRARY, CALIFORNIA

BLW-STAN: This is a small collection of Baldwin engineering data, covering the period 1854–1918. It provides detail on the evolution of drawing room practice in the mid-nineteenth century.

OTHER REPOSITORIES AND COLLECTIONS CONSULTED

Baker Library, Harvard Business School, Boston: library holdings
Historical Society of Pennsylvania, Philadelphia: Wallace Rogers Lee Papers, Herbert Welsh Collection, library holdings
Van Pelt Library, University of Pennsylvania, Philadelphia: Philadelphia Social History Project Papers
The Franklin Institute, Philadelphia: library holdings
The Library Company, Philadelphia: library holdings
Federal Archives Center, Philadelphia: Baldwin bankruptcy records (1935–38)
Office of the Registrar of Wills, City Hall, Philadelphia: wills of BLW partners
Urban Archives, Paley Library, Temple University, Philadelphia: Central Labor Union minutes, library holdings
Railroad Museum of Pennsylvania, Strasburg: BLW Board Meeting Minute Book (1910), BLW builders photographs, library holdings
The Pennsylvania State Archives, Harrisburg: BLW Order Books (1901–7), Contract Books (1871–1930), engineering data
Pattee Library, Pennsylvania State University Library, University Park: Harrington Emerson Papers
Hagley Library, Wilmington, Delaware: Longwood Manuscripts, Sellers Company papers, R. G. Dun credit reports, Trade Catalogue Collection, library holdings
Library of the Association of American Railroads, Washington, D.C.: library holdings
National Archives, Washington, D.C.: Patent Extension Files, Papers of the U.S. Commission on Industrial Relations, manuscript schedules (microfilm) of the U.S. Manufacturing Census
Library of Congress, Washington, D.C.: photography department
Archives Center, National Museum of American History, Washington, D.C.: Pittsburgh Locomotive Works Papers

SERIALS

To supplement these original sources, the following serials were consulted (specific citations to major articles appear in the bibliography):



American Machinist, vols. 1–37
Annals of the American Academy of Political and Social Science, vols. 1–42
Annual Reports of the American Railway Master Mechanics Association, vols. 1–48
Baldwin Locomotives, vols. 1–19
Baldwin Locomotive Works, *Records of Recent Construction,* nos. 1–100
Cassier's Magazine, various
Engineer (Philadelphia), vol. 1
Engineering (London), various
Engineering Magazine, vols. 1–40
Fincher's Trades Review, vols. 1–2
Hillyer's American Railroad Magazine, vols. 1–6
Iron Age, 1880–90
Journal of the Franklin Institute, vols. 1–170
Machinists' and Blacksmiths' International Journal, vols. 8–9
Machinists Monthly Journal, vols. 9–27
New York Times, various
Philadelphia *Evening Bulletin,* various
Philadelphia *Inquirer,* various
Philadelphia *Public Ledger,* various
Proceedings of the Engineers Club of Philadelphia, vols. 1–33
Railroad Gazette (a.k.a. *Railway Age Gazette*), vols. 1–59
Railway Master Mechanic, vols. 27–28
Scientific American, vols. 4–14; new series vols. 1–23
Transactions of the American Society of Mechanical Engineers, vols. 1–20
Van Nostrand's Eclectic Engineering Magazine, various