



Smithsonian
National Museum of American History
Kenneth E. Behring Center

Guide to the Matthew Mawhinney Industrial Furnace Collection

NMAH.AC.0224

Don Darroch

1986

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Table of Contents

Collection Overview	1
Administrative Information	1
Arrangement.....	2
Scope and Contents.....	2
Biographical / Historical.....	2
Names and Subjects	2
Container Listing	3
Series 1: Correspondence.....	3
Series 2: Photographs.....	4
Series 3: Publications.....	5

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Matthew Mawhinney Industrial Furnace Collection
Identifier:	NMAH.AC.0224
Date:	1917-1978
Extent:	1 Cubic foot (3 boxes)
Source:	Engineering and Industry, Division of, NMAH, SI. Mawhinney, Matthew (engineer)
Language:	English
Summary:	Matthew Mawhinney, an engineer specializing in industrial furnace design and operation, collected this material during his career with Salem Engineering Co. and later as a consulting engineer.

Administrative Information

Acquisition Information

Collection donated by Mrs. Matthew H. Mawhinney, 1978.

Provenance

Transferred from the Division of Engineering and Industries to the Archives Center on August 7, 1986.

Processing Information

Collection processed by Don Darroch, October 1986

Preferred Citation

Matthew Mawhinney Industrial Furnace Collection, 1917-1978, Archives Center, National Museum of American History.

Restrictions

Collection is open for research.

Conditions Governing Use

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Biographical / Historical

Matthew Mawhinney, a graduate of Carnegie Institute of Technology and an engineer specializing in industrial furnace design and operation, collected this material during his career with Salem Engineering Co. (Salem, Ohio) and later as a consulting engineer.

Scope and Contents

The collection includes several engineering textbooks authored by Mr. Mawhinney and others. Also included is correspondence of Mr. Mawhinney with professional engineering groups relating to articles in professional journals and presentations to meetings of professional societies. This collection also includes correspondence with numerous industrial corporations and many photographs of furnaces and other industrial equipment.

Arrangement

The collection is divided into three series.

Series 1: Correspondence

Series 2: Photographs

Series 3: Publications

Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Engineering
Furnaces

Types of Materials:

Correspondence -- 1930-1950

Names:

Engineering and Industry, Division of, NMAH, SI.
Salem Engineering Co

Geographic Names:

Ohio
Salem (Ohio)

Container Listing

Series 1: Correspondence

Box 1, Folder 2	Mrs. Matthew Mawhinney - Robert Vogel, 1978
Box 1, Folder 3	Babcock & Wilcox
Box 1, Folder 3	Iron & Steel Elec. Eng., Youngstown April 1934
Box 1, Folder 4	ASME St. Louis June, 1938
Box 1, Folder 5	Watterson
Box 1, Folder 6	Refractories, Misc.
Box 1, Folder 7	Spaulding 1952 #1
Box 1, Folder 8	Spaulding 1952 #2
Box 1, Folder 9	Spaulding 1952 #3
Box 2, Folder 10	Spaulding 1952 #4
Box 2, Folder 11	American Ceramic Society, Buffalo, Feb. 17-22, 1935
Box 2, Folder 12	Alfred University June 7, 1935
Box 2, Folder 13	Iron and Steel, Cleveland 09/25/1941

[Return to Table of Contents](#)

Series 2: Photographs

Box 2, Folder 1 Furnace photographs #1

Box 2, Folder 2 Furnace photographs #2

[Return to Table of Contents](#)

Series 3: Publications

Box 2, Folder 3	Miscellaneous Booklets
Box 2, Folder 3	Hernansen, A. Industrial Furnace Technique. London: Ernest Benn Ltd., 1929
Box 2, Folder 3	Johnson, J.E., Jr. Blast - Furnace Construction in American. New York: McGraw-Hill Book Co., Inc., 1917
Box 2, Folder 3	Mawhinney, M.H. Practical Industrial Furnace Design. New York: John Wiley & Sons Inc., 1928
Box 2, Folder 2	Mawhinney, M.H. & W. Trinks. Industrial Furnaces. (Fifth Edition; Vol. I). New York: John Wiley & Sons, 1961
Box 2, Folder 2	Mawhinney, M.H. & W. Trinks. Industrial Furnaces. (Fourth Edition; Vol. II) New York: John Wiley & Sons, 1967
Box 2, Folder 3	Trinks, W. industrial Furnaces. (Vol. I). New York: John Wiley & Sons Inc., 1923
Box 2, Folder 3	Trinks, W. industrial Furnaces. (Vol. II). New York: John Wiley & Sons, Inc., 1925
Box 2, Folder 3	Withey, M.O. & James Aston. Johnson's Materials of Construction (Rewritten) New York: John Wiley & Sons Inc. F.E. Turneaure, ed. 1919

[Return to Table of Contents](#)