



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to the E. Lewis Allen Papers

NMAH.AC.1528

Alison Oswald

2023

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Table of Contents

Collection Overview	
Administrative Information	1
Content Description	2
Arrangement	2
Names and Subjects	
Container Listing	

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	E. Lewis Allen Papers
Date:	1925-1949
Identifier:	NMAH.AC.1528
Creator:	Allen, E. Lewis (Engineer)
Source:	Allen, Ellen Y. (Donor) National Museum of American History (U.S.). Division of Engineering and Industry
Extent:	1 Cubic foot (3 boxes)
Language:	English .

Administrative Information

Acquisition Information

Collection donated by Ellen Y. Allen, 1989.

Provenance

Collection transferred to the Archives Center from the Division of Work and Industry, February 2022.

Processing Information

Collection processed by Alison Oswald, archivist, 2023.

Preferred Citation

E. Lewis Allen Papers, Archives Center, National Museum of American History

Restrictions

Collection is open for research but is stored off-site and special arrangements must be made to work with it. Contact the Archives Center for information at archivescenter@si.edu or 202-633-3270.

Conditions Governing Use

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Content Description

Papers contain performance data, publications, handwritten notes, and instruction manuals related to Westinghouse Corporation and the Westinghouse Engineering School. Also includes biographical materials (course books, notes and lesson plans) used by E. Lewis Allen.

Arrangement

Collection is arranged into one series.

Names and Subject Terms

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

Subjects:

- Engineering -- 20th century
- Refrigeration and refrigerating machinery

Names:

- Allen, Ellen Y.
- National Museum of American History (U.S.). Division of Engineering and Industry

Container Listing

Box 1, Folder 1	Westinghouse Electric and Manufacturing Company, letterhead, undated
Box 1, Folder 2	Westinghouse Electric and Manufacturing Company, application for employment, undated
Box 1, Folder 3	Ammunition for the Firing Line No. 229, undated
Box 1, Folder 3	Ammunition for the Firing Line No. 230, undated
Box 1, Folder 4	Correspondence, 1931-1932
Box 1, Folder 5	Westinghouse, Regulators for Generator Voltage Control , [1930s?]
Box 1, Folder 6	Westinghouse Automatically Controlled Single Phase Induction Regulators, 1930s
Box 1, Folder 6	Westinghouse, Vibrating Type Voltage Regulators for Self-Excited D-C Generators, 1930s
Box 1, Folder 6	Westinghouse, Vibrating Type Voltage Regulators for A-C Generators, 1930s
Box 1, Folder 6	Westinghouse, Rheostatic Voltage Regulators for A-C Generators, 1930s
Box 1, Folder 6	Westinghouse, Extended broad Range Voltage Regulators, 1930s
Box 1, Folder 7	Westinghouse Engineering School, Outline-Questionnaire, 1928
Box 1, Folder 8	Westinghouse Railway Engineering Data, Volume 1, 1917
Box 1, Folder 9	Westinghouse Railway Operating Data, Volume 2, 1925
Box 2, Folder 1	Westinghouse Mechanical Design School, 1930
Box 2, Folder 2	Westinghouse Design School, circa 1930
Box 2, Folder 3	Crandell, F.J. Ground Vibration Due to Blasting and Its effect Upon Structures, 1949
Box 2, Folder 4	Dicksee, C.B. How to Determine Coding Capacity of Fins on Crankcase of Engine , 1924
Box 2, Folder 5	Fechheimer, Carl J. Performance of Centrifugal Fans for electrical Machinery , 1924
Box 2, Folder 6	Hogan, Mervin B. Circular Beams Loaded to Normal to the Plane of Curvature, 1938

Box 2, Folder 7	petersen, R.E. Fatigue Tests of Large Specimens , 1929
Box 2, Folder 8	Stobe, M. Proposed Standards for the Calculation of Natural Torsional Frequencies of Diesel Generator Sets, 1925
Box 2, Folder 9	Stone, M. Stress Analysis in Electrical Rotating machinery , 1928
Box 2, Folder 10	Kinetic Chemicals, Inc. , 1931
Box 2, Folder 11	General Performance Data on Competitive Refrigerators, 1931
Box 2, Folder 12	Work Program and future Status of ASD-12 and BSD-12 Units , 1931
Box 2, Folder 13	Automatic vs. thermal Expansion Valves , 1931-1932
Box 2, Folder 14	Performance of Competitors Refrigeration Units , 1935
Box 3, Folder 1	Calorimeter, Automatic, 1931-1932
Box 3, Folder 2	Calorimeter Curves, 1931
Box 3, Folder 3	Coefficients of Transmission of Walls Ceilings and Floors, 1931
Box 3, Folder 4	Condenser Capacities, 1931
Box 3, Folder 5	Condensers, Data and Calculations, 1931-1932
Box 3, Folder 6	Methyl Chloride, 1926-1931
Box 3, Folder 7	Motor Calculations, 1932
Box 3, Folder 8	Properties of Saturated Vapor, undated
Box 3, Folder 9	Refrigerator Characteristics, 1933
Box 3, Folder 10	Refrigerating Machines (performance of) , 1931
Box 3, Folder 11	Refrigerant Data, 1931
Box 3, Folder 12	Single Phase Induction Motor , 1930
Box 3, Folder 13	Sulfur Dioxide Tables (Refrigerants) , 1925
Box 3, Folder 14	Thermal and Mechanical Expansion Valves, undated
Box 3, Folder 15	Miscellaneous Notes and Calculations , [1930s?]