Guide to the Division of Transportation: Railroads' Engineering Data

NMAH.AC.0207
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Collection Overview

Repository: Archives Center, National Museum of American History
Title: Division of Transportation: Railroads' Engineering Data
Identifier: NMAH.AC.0207
Date: 1912-1949
Extent: 1.5 Cubic feet (5 boxes)
Source: Transportation, Division of, NMAH, SI.
Language: English
Collection is in English.

Administrative Information

Acquisition Information
This collection was donated by David Hamly of Pittsburgh, Pennsylvania in 1986.

Provenance
Transferred from the Division of Transportation to the Archives Center.

Processing Information

Preferred Citation
Division of Transportation: Railroads' Engineering Data, Archives Center, National Museum of American History.

Restrictions
The collection is open for research use.

Conditions Governing Use
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Scope and Contents

This collection consists of statistics on electric train operation, drawings, blueprints, technical papers, train classifications, research and development reports, business and financial correspondence (1933, 1939-1948, 1940-1941), installation and operation instructions, locomotive system test procedures, locomotive operations data and calculations, records of locomotive mileages and part failures, suggested locomotive improvements, locomotive specifications, plans for fire extinguishing systems, tonnage ratings and includes material from the New York, New Haven, and Hartford Railroad, Piedmont and Northern Railroad, Pennsylvania Railroad, Takata and Co. Railroad, Philadelphia and Western Railroad, Sorocabana Railway, and Erie Railroad Co.

Arrangement

The collection is divided into 8 series.

Series 1: New York, New Haven, and Hartford Railroad
Series 2: Piedmont and Northern Railway Company
Series 3: Takata and Company
Series 4: Philadelphia and Western Railway Company
Series 5: Sorocabana Railway
Series 6: Pennsylvania Railroad
Series 7: Miscellaneous Westinghouse Reports
Series 8: Erie Railroad Company

Names and Subject Terms

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

Subjects:
Engineering
Locomotive industry
Locomotives -- Design and construction
Railroads

Types of Materials:
Blueprints
Correspondence -- 1930-1950
Statistics

Names:
Erie Railroad Company
New York, New Haven, and Hartford Railroad.
Pennsylvania Railroad.
Philadelphia and Western Railroad.
Piedmont and Northern Railroad.
Sorocabana Railway.
Takata and Company Railroad.
Transportation, Division of, NMAH, SI.

Geographic Names:
Hartford (Conn.)
New Haven (Conn.)
New York
Pennsylvania
Philadelphia (Pa.)
Container Listing

Series 1: New York, New Haven, and Hartford Railroad, 1912 and 1930

Box 1, Folder 1  Cross section of wire arrangements, 1912-05-22
Box 1, Folder 1  Statistics of Electric Operations, 1930-09-01
Box 1, Folder 1  7 Schematic Diagrams of Circuits

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Series 3: Takata and Company, 1927

Box 1, Folder 3  Data Book regarding resistors and mechanical parts, 1927

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Series 6: Pennsylvania Railroad, 1932-1949

Box 2, Folder 1  Wire Test Procedure P-5A Locomotive, 1932-10-10
Box 2, Folder 1  LGA Locomotive Testing, August 1933 - October 1933
Box 2, Folder 1  Air Distribution Tests, February 1934
Box 2, Folder 2  Blueprint for Cab Apparatus Arrangement, 1934-07-17
Box 2, Folder 2  Drawing for Cab Apparatus Arrangement, 1934-07-17
Box 2, Folder 2  Report regarding: Air Distribution Tests, February, 1935
Box 2, Folder 2  Wiring test for P-5A (modified) Locomotive, February, 1935
Box 2, Folder 3  Scale diagram of Railroad Car, 1935-03-29
Box 2, Folder 3  Data for P-SA locomotive temperature 1936-01-10
Box 2, Folder 3  Diagram of Locomotive Main & Control Circuit, 1937-09-21
Box 2, Folder 3  Blueprint of Locomotive Main & Control Circuit, 1937-09-21
Box 3, Folder 1  Suggested Improvements for GG-I Locomotive, October 1939 - April 1948
Box 3, Folder 1  Fire Extinguishers P-5A Locomotives, January 1947
Box 3, Folder 2  GG-I Transformer Instructions, 1936-01-10
Box 3, Folder 2  Elimination of Rust Deposits, 1936-05-01
Box 4, Folder 1  Locomotive 4820 Tests, 1945
Box 4, Folder 2  Electric Locomotive Specifications, February 1947
Box 4, Folder 2  Nine & Industrial Locomotive Class, 1947-10-03
Box 4, Folder 2  Mileage & Part Failure, September 1948 - April 1949
Box 4, Folder 3  Weight Transfer on Electric Locomotives
Box 4, Folder 3  Weight Transfer on Electric Locomotives, [report], undated
1 Item (Ink on paper.; 11.2" x 8.9")
Image(s)
Image(s)
Westinghouse Electric & Manufacturing Company, Publisher
by Brian Wheeler.

Local Numbers
AC0207-0000001-01 (AC Scan No.)
AC0207-0000001-02 (AC Scan No.)

Topic: Locomotives
Genre/ Reports
Form:  

Box 4, Folder 3  Rail Car Power Sources and Mechanisms

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Series 7: Erie Railroad Co., 1928-1929

Box 5, Folder 1  Tonnage Rating Index, 1928-07-01 - 1929-02-01

Box 5, Folder 1  Tonnage Rating Sheets (2), 1928-12-01