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Collection Overview

Repository: Archives Center, National Museum of American History
Title: Chester O. Dale Collection
Identifier: NMAH.AC.0951
Date: 1908-1920
Extent: 1.16 Cubic feet (5 boxes)
Source: Work and Industry, Division of, NMAH, SI
Mechanical and Civil Engineering, Division of [former name], NMAH, SI.
Dale, C. O.
Language: Collection is in English. Some materials in Spanish.

Administrative Information

Acquisition Information
Collected for the National Museum of American History by the Division of Civil and Mechanical Engineering (now called the Division of Work and Industry). Date unknown.

Provenance
Collection transferred to the Archives Center from the Division of Work and Industry in 2007.

Processing Information
Collection processed by Alison Oswald, 2016.

Preferred Citation
Chester O. Dale Collection, 1908-1920, 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.
Scope and Contents

Collection contains correspondence, specifications, construction estimates, proposals, photographs and blue prints of plans, sections, elevations, charts and diagrams for United States Department of the Interior, Reclamation Service Projects, 1908-1918.

Rancagua, Chile where they built a Rio Pangal Hydroelectric Power Plant and extension of the Coya Power Plant plans and specs done by the Braden Copper Company and the Hugh L. Cooper Consulting Engineers

Arrangement

The collection is divided into five series.

Series 1: Correspondence
Series 2: Construction Estimates
Series 3: Projects
Series 4: Specifications
Series 5: Photographs

Names and Subject Terms

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

Subjects:
Power plants
Reclamation projects

Types of Materials:
Charts
Notebooks -- 1900-1950
Specifications
Trade catalogs

Names:
Mechanical and Civil Engineering, Division of [former name], NMAH, SI.
United States. Bureau of Reclamation
United States. Department of the Interior
Work and Industry, Division of, NMAH, SI
## Container Listing

### Series 1: Correspondence, 1915 - 1918

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<th>Box 1, Folder 1</th>
<th>Correspondence, 1915</th>
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<td>Box 1, Folder 2</td>
<td>Correspondence, 1916</td>
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<td>Box 1, Folder 3</td>
<td>Correspondence, 1917</td>
</tr>
<tr>
<td>Box 1, Folder 4</td>
<td>Correspondence, 1918</td>
</tr>
<tr>
<td>Box 1, Folder 5</td>
<td>Correspondence, undated</td>
</tr>
<tr>
<td>Box 1, Folder 6</td>
<td>Miscellaneous notes, undated</td>
</tr>
</tbody>
</table>

*Engineering News, 1920 April 20*

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Series 3: Projects, 1907 - 1915

This series contains primarily blueprints (24' x 36") of plans, sectional views, electrical diagrams, charts, and maps for various projects Chester O. Dale consulted on. The projects are arranged alphabetically by name. Researchers should consult the correspondence and specifications for associated project documentation.

Map-folder 1

Boise Project/Arrowrock Dam, 1914 - 1914

Map-folder 2

Caletones Plant, Rancagua, Chile, 1917 - 1917

Map-folder 2

Coya Power Plant/Cachapoal Power Plant, 1916 - 1916

Map-folder 1

Hydraulic Development, Rio de Lages, Brazil, 1907 - 1907

Map-folder 1

Salt River Water Users Association, Phoenix, Arizona, 1912 - 1913

Map-folder 1

Yakima Outlook pumping, 1915 - 1915

Box 1, Folder 10

Blueprints for various projects, 1912 - 1914

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Series 4: Specifications

This series consists of specifications for various projects Chester O. Dale worked on for the Department of the Interior, United States Reclamation Service. The specifications are arranged numerically by project.

Box 3, Folder 1  
No. 153, Minidoka Project, Idaho, 1908

Box 3, Folder 1  
No. 154, Minidoka Project, Idaho, 1908

Box 3, Folder 1  
No. 157, Minidoka Project, Idaho, 1909

Box 3, Folder 1  
No. 168, Belle Fourche Project, South Dakota, 1910

Box 3, Folder 1  
No. 175, Salt River Project, 1911

Box 3, Folder 1  
No. 180, Truckee-Carson Project, Nevada, 1911

Box 3, Folder 1  
No. 183, Truckee-Carson Project, Nevada, 1911

Box 3, Folder 1  
No. 184, Boise Project, Idaho, 1911

Box 3, Folder 2  
No. 185, Boise Project, Idaho, 1911

Box 3, Folder 2  
No. 188, Rio Grande Project, New Mexico-Texas, 1911

Box 3, Folder 2  
No. 193, Huntley Project, Montana, 1911

Box 3, Folder 3  
No. 207, Huntley Project, Montana, 1911

Box 3, Folder 3  
No. 208, Truckee-Carson Project, Nevada, 1912

Box 3, Folder 3  
No. 218, Lower Yellowstone Project, Montana-North Dakota, 1912

Box 3, Folder 3  
No. 219, Northern Division, 1912

Box 3, Folder 3  
No. 221, Boise Project, Idaho, 1912

Box 3, Folder 3  
No. 226, Milk River Project, Montana, 1912

Box 3, Folder 3  
No. 228, Milk River Project, Montana, 1913

Box 3, Folder 3  
No. 229, Milk River Project, Montana, 1913

Box 3, Folder 3  
No. 232, Sun River Project, Montana, 1913
Box 3, Folder 3  No. 236, Milk River Project, Montana, 1913
Box 3, Folder 4  No. 244, Boise Project, Idaho, 1913
Box 3, Folder 4  No. 246, Milk River Project, Montana, 1913
Box 3, Folder 4  No. 255, Milk River Project, Montana, 1914
Box 3, Folder 4  No. 265, Milk River Project, Montana, 1914
Box 3, Folder 5  No. 270, Milk River Project, Montana, 1914
Box 3, Folder 5  No. 277, Northern Division, 1914
Box 3, Folder 5  No. 282, Milk River Project, Montana, 1914
Box 3, Folder 5  No. 283, Sun River Project, Montana, 1914
Box 3, Folder 5  No. 287, Flathead Project, Montana, 1914
Box 3, Folder 5  No. 288, Flathead Project, Montana, 1914
Box 4, Folder 1  No. 302, Salt River Project, Arizona, 1915
Box 4, Folder 1  No. 303, Strawberry Valley Project, Utah, 1915
Box 4, Folder 1  No. 306, Strawberry Valley Project, Utah, 1915
Box 4, Folder 1  No. 308, Flathead Project, Montana, 1915
Box 4, Folder 1  No. 311, Milk River Project, Montana, 1915
Box 4, Folder 1  No. 314, Milk River Project, 1915
Box 4, Folder 2  No. 315, Milk River Project, Montana, 1915
Box 4, Folder 2  No. 316, Belle Fourche Project, South Dakota, 1915
Box 4, Folder 2  No. 322F, Salt River Project, Arizona, 1914
Box 4, Folder 2  No. 324, Flathead Project, Montana, 1916
Box 4, Folder 2  No. 336F, Lahontan Power Plant, 1914
Box 4, Folder 2  No. 337F, Okanogan Project, Washington, 1914
Box 4, Folder 2  No. 372F, Yakima Project, Washington, 1915
Box 4, Folder 3  No. 379F, Minidoka Project, Idaho, 1915
Box 4, Folder 3  No. 382F, Minidoka Project, Idaho, 1915
Box 4, Folder 3  No. 395F, Rio Grande Project, New Mexico, 1915
Box 4, Folder 3  No. 404F, Rio Grande Project, New Mexico, 1915
Box 4, Folder 3  No. 414F, Salt River Project, Arizona, 1915
Box 4, Folder 3  No. 416F, Salt River Project, Arizona, 1915
Box 4, Folder 4  No. 6D, Sun River Project, Montana, 1915
Box 4, Folder 4  No. 7D, Yuma Project, Arizona, 1915
Box 4, Folder 5  No. F6, Grand Valley Project, Colorado, 1915 - 1915
Box 4, Folder 6  Miscellaneous, 1909 - 1914

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Series 5: Photographs, 1908 - 1920

This series contains both black and white originals and prints for two construction projects, the Mexico Light and Power dam project and the Pangal, Chile dam project (hydraulic power development). Many of the photographs are captioned and dated.

Box 2, Folder 1-3  Mexico Light and Power Company, Necaxa, Mexico, 1908 - 1910

Box 2, Folder 4-5  Braden Copper Company, Hydraulic Power Development at Pangal, (progress photographs), 1917 - 1920

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