

BIBLIOGRAPHY

The reference list which follows includes approximately 900 entries numbered consecutively by chapters and keyed to the text by number. The items relate to books, pamphlets, papers read before professional societies and personal letters from authorities in America and abroad. No pains have been spared to trace back to original sources casual citations of the various authors mentioned.

Most of the references given can be found in either the Engineering Societies Library of the United Engineering Trustees, Inc., or the New York Public Library, both in New York City, and, also, presumably, in most of the large, and many of the small, public and college libraries.

A number of rare books and pamphlets were gathered by the author for use in the preparation of this book. These, together with photo-stats of parts of books or pamphlets from sources not readily accessible, have been deposited in the Engineering Societies Library as the Moses Nelson Baker Collection on Water Purification.

Some of the technical societies referred to have published consolidated indexes of their publications. Of prime importance among these are:

Index to the Proceedings, Journal and Other Publications of the American Water Works Association, 1881-1939, Inclusive. American Water Works Assn., New York (1940).

Index to the Journal of the American Water Works Association, 1940-1944. American Water Works Assn., New York (1945).

[Since 1922 the *Journal* has carried abstracts of the world's water works literature. Although their subjects are not classified in the above indexes, both subjects and authors are indexed annually in the *Journal* itself.]

Index to the Transactions and Journal of the New England Water Works Association, 1882-1939. New England Water Works Assn., Boston (1940).

Index to the Transactions of the American Society of Civil Engineers, 1867-1920. American Society of Civil Engrs., New York (1921).

Index to the Transactions of the American Society of Civil Engineers, 1921-1934. American Society of Civil Engrs., New York (1935).

The entire field of engineering and closely allied arts is covered in *Engineering Index*—issued annually, beginning with 1910, and previously for 1884-89, 1890-99, 1900-04 and 1905-09. The first volume gave references not only to the technical periodical literature of 1884-89, but also to the entire proceedings of the American Society of Civil Engineers, the American Society of Mechanical Engineers and the Association of Engineering Societies, "so far as they seemed deserving." Throughout, the *Engineering Index* entries are classified by subjects and briefly describe or summarize the articles or papers indexed. Gradually these indexes have been extended to cover engineering and allied publications throughout the world.

Engineering Index has been published successively by the Association of Engineering Societies (St. Louis, Mo.); Engineering Magazine; the American Society of Mechanical Engineers; and Engineering Index, Inc., the last three all of New York City.

Another general guide to technical periodical literature is the *Industrial Arts Index*, published by the H. W. Wilson Co. of New York. Cumulative annual volumes of this index, issued beginning in 1913, provide a ready guide to the articles published in the major American and foreign publications in the engineering field.

Chemical Abstracts and *British Chemical Abstracts*, covering articles published in the chemical professional journals and proceedings, have been published for some years past by the American Chemical Society, Washington, D.C., and by the Society of Chemical Industry, London. So numerous are the individual abstracts that the cumulative classified indexes published every few years fill huge volumes. Useful in referring to *Chemical Abstracts* is:

List of Periodicals Abstracted by Chemical Abstracts With Key to Library Files and Other Information. American Chemical Society, Ohio State University, Columbus, Ohio (1946).

Public Health Engineering Abstracts, a monthly publication of the United States Public Health Service, Washington, D.C., also includes water works literature.

Engineering News and its successor, *Engineering News-Record*, have published a series of cumulative indexes of their contents: 1874-90, 1890-99, 1900-04, 1905-09, 1910-17 and (*Engineering News-Record*) 1917-22, 1923-27 and 1928-43. *Engineering Record* issued a *Digest and Index*, Vol. 5-18 (Dec. 1881-Nov. 1888).

Key to Publication Abbreviations

Standard abbreviations for some of the engineering journals and society proceedings and transactions most frequently used are:

Eng.	Engineering (London)
Eng. News	Engineering News (New York)
Eng. News-Rec.	Engineering News-Record (New York)
Eng. Rec.	Engineering Record (New York)
Jour. A.W.W.A.	Journal American Water Works Association (New York)
Jour. Chem. Soc.	Journal of the Chemical Society (London)
Jour. Franklin Inst.	Journal of the Franklin Institute (Philadelphia)
Jour. N.E.W.W.A.	Journal of the New England Water Works Association (Boston)
Philosophical Trans., Royal Soc.	Philosophical Transactions, Royal Society (London)
Proc. A.S.C.E.	Proceedings of the American Society of Civil Engineers (New York)
Proc. A.W.W.A.	Proceedings of the American Water Works Association (New York)
Proc. Inst. C.E.	Proceedings of the Institution of Civil Engineers (London)
Proc. Inst. M.E.	Proceedings of the Institution of Mechanical Engineers (London)
Trans. A.S.C.E.	Transactions of the American Society of Civil Engineers (New York)

Key to Library Symbols

The letter symbols which appear at the end of most of the publication references included in the list refer to the location where the publications cited by the author may be found. Following is a guide to the use of these symbols:

- [A] New York Academy of Medicine, New York City
- [B] Baker Collection Deposited in the Engineering Societies Library, New York City
- [C] Chemists' Club Library, New York City
- [D] New York Public Library, New York City
- [E] Engineering Societies Library, New York City
- [F] Columbia University Library, New York City
- [G] Library of Congress Catalog, Washington, D.C.*
- [H] Bibliothèque Nationale, Paris, France
- [I] Cornell University Library, Ithaca, N.Y.
- [J] British Museum Catalog, London, England
- [K] College of Pharmacy, Columbia University, New York City
- [X] References which have not been located or verified

* The location of these books may be found by writing to the Union Catalog, Library of Congress, Washington, D.C.

CHAPTER I

From the Earliest Records Through the
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CHAPTER VI

Slow Sand Filtration in the United States and Canada

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CHAPTER VII

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CHAPTER XIV

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CHAPTER XV

Distillation

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CHAPTER XVI

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CHAPTER XXII

Medication by Means of the Water Supply

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