



**THE ENGINEERING INSTITUTE OF CANADA**

*and its member societies*

**L'Institut canadien des ingénieurs**

*et ses sociétés membres*

## **EIC's Historical Notes and Papers Collection**

(Compilation of Articles, Notes and Papers originally published as  
EIC Articles, Cedar Grove Series, and EIC Working Papers)

## **ENGINEERING HISTORY PAPER #9**

### **“EIC History Reading List [1]”**

**by Andrew H. Wilson**

(previously published as EIC Article #9)

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EIC HISTORY AND ARCHIVES

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For the reader interested in acquiring an overview of the history of engineering in Canada, the bibliography compiled by Arnold Roos may be much more than is needed. \*\* In the absence of a definitive, layman-friendly book on the subject, the sections on engineering, the history of engineering, technology and specific engineering projects in – for example – **THE CANADIAN ENCYCLOPAEDIA** (Edmonton: Hurtig Publishers) may indeed suffice. But for study in more detail, books specially written to cover sub-disciplines of engineering, specific industries or projects, consulting or other companies, and so on may indeed be useful.

This is the first attempt to list some books in these categories – with the non-specialist reader in mind. A word of warning: the list in its entirety is not comprehensive. Not all sub-disciplines – or worthy projects, industries or companies – have been included, some quite simply because the books have not yet been written.

The list is in three parts, of which this is the first. It includes books of general subject matter and those dealing with industries and companies.

B. Sinclair, N.R. Ball and J.O. Petersen, Editors, **LET US BE HONEST AND MODEST: TECHNOLOGY AND SOCIETY IN CANADIAN HISTORY** (Toronto: Oxford University Press, 1974)

W. Stewart Wallace, Editor, **THE ROYAL CANADIAN INSTITUTE CENTENNIAL VOLUME, 1849-1949** (Toronto: Royal Canadian Institute, 1949)

W. Stephen Cooper and Carol Shibuya, **WATERMILLS OF ONTARIO, QUEBEC AND MARITIME CANADA** (Toronto: McGraw-Hill Ryerson Limited, 1988)

D.M. LeBourdais, **METALS AND MEN: THE STORY OF CANADIAN MINING** (Toronto: McClelland & Stewart Limited, 1957)

Dianne Newell and Ralph Greenhill, **SURVIVALS: ASPECTS OF INDUSTRIAL ARCHEOLOGY IN ONTARIO** (Erin, Ontario: The Boston Mills Press, 1989)

Don W. Thomson, **MEN AND MERIDIANS: THE HISTORY OF SURVEYING AND MAPPING IN CANADA** (Ottawa: Supply and Services Canada - Volume 1, 1966; Volume 2, 1967; and Volume 3, 1969)

Norman R. Ball, Senior Editor, **BUILDING CANADA: A HISTORY OF PUBLIC WORKS** (Toronto: University of Toronto Press, 1988)

**BABCOCK & WILCOX CANADA: A HISTORY 1844-1977** (Cambridge, Ontario: Babcock & Wilcox, 1987)

C.J. Warrington and B.T. Newbold, **CHEMICAL CANADA: PAST AND PRESENT** (Ottawa: Chemical Institute of Canada, 1970)

Robert V.V. Nicholls, Editor, **CHEMICAL CANADA 1970-1995** (Ottawa: Chemical Institute of Canada, 1995)

Larry Milberry, **AVIATION IN CANADA** (Toronto: McGraw-Hill Ryerson Limited, 1979)

Lydia Dotto, **A HERITAGE OF EXCELLENCE: SPAR AEROSPACE LIMITED** (Toronto: University of Toronto Press, 1992)

Robert Bothwell, **NUCLEUS: THE HISTORY OF ATOMIC ENERGY OF CANADA LIMITED** (Toronto: University of Toronto Press, 1988)

**CANADA ENTERS THE NUCLEAR AGE: A TECHNICAL HISTORY OF ATOMIC ENERGY OF CANADA LIMITED** (Montreal & Kingston: McGill-Queen's University Press, 1997)

Jorge Niosi, **LA MONTÉE DE L'INGÉNERIE CANADIENNE** (Montréal: Les Presses de l'Université de Montréal, 1990)

Georges-Hebert Germain, **LE GÉNIE QUÉBÉCOIS: HISTOIRE D'UNE CONQUÊTE** (Montréal: Ordre des Ingénieurs du Québec/Éditions Libre Expression, 1996)

Duncan C. Campbell, **GLOBAL MISSION: A HISTORY OF ALCAN** (in three volumes) (Montreal: Alcan Primary Metals, 1990)

H.H. Lank and E.L. Williams, **THE DUPONT HISTORY** (Montreal: Dupont Canada Inc., 1982)

Cyril E. Leonoff, **A DEDICATED TEAM: KLOHN LEONOFF CONSULTING ENGINEERS 1951-1991** (Richmond, B.C: Klohn Leonoff Limited, 1994)

**STANDARDS OF THE HIGHEST: PETERBOROUGH 1891-1991** (Peterborough, Ontario: GE Canada)

John F. Thompson and Norman Beasley, **FOR THE YEARS TO COME: STORY OF THE INTERNATIONAL NICKEL COMPANY OF CANADA** (Toronto: Longmans, Green & Company, 1960)

William Kilbourn, **THE ELEMENTS COMBINED: A HISTORY OF THE STEEL COMPANY OF CANADA** (Toronto: Clarke, Irwin & Company, 1960)

George W. Smith, **BELL ASBESTOS MINES LIMITED 1878-1967** (George Washington Smith, 1968)

Charles P. Girdwood, Lawrence F. Jones and George Lonn, **THE BIG DOME: OVER SEVENTY YEARS OF GOLD MINING IN CANADA** (A history of Dome Mines Limited) (Toronto: Cybergraphics Company Inc., 1983)

William S. Row, **THE ILLUSTRATED HISTORY OF KERR-ADDISON GOLD MINES LIMITED, KERR ADDISON MINES LIMITED AND SUBSIDIARIES** (Toronto: Kerr Addison Mines Limited, 1984)

Richard Geren and Blake McCullogh, **CAIN'S LEGACY: THE BUILDING OF THE IRON ORE COMPANY OF CANADA** (Sept-Iles, Quebec: Iron Ore Company of Canada, 1990)

Robert W. Passfield, **TECHNOLOGY IN TRANSITION: THE 'SOO' SHIP CANAL** (Ottawa: Environment Canada, 1986)

Stan Cohen, **THE WHITE PASS AND YUKON RAILWAY: A PICTORIAL HISTORY** (Missoula, Montana: Pictorial Histories Publishing Company, 1980)

George A. Siebel, **BRIDGES OVER THE NIAGARA GORGE** (Niagara Falls, Ontario: Niagara Falls Bridge Commission, 1991)

Heath Twitchell, **NORTHWEST EPIC: THE BUILDING OF THE ALASKA HIGHWAY** (New York: St. Martin's Press, 1992)

Barbara B. Byers, Gabriel Pal et al, **EARLY CANADIAN COMPANIES** (Toronto: Toronto Public Library, 1967)

Ian A. Anthony, **EDWARD SAMUEL ROGERS AND THE REVOLUTION OF COMMUNICATIONS** (Toronto: Gage Educational Publishing Company, 2000)

J.W. Disher and E.A. W. Smith, **BY DESIGN: THE ROLE OF THE ENGINEER IN THE HISTORY OF THE HAMILTON BURLINGTON AREA** (Hamilton: Hamilton Engineering Interface Inc., 2001)

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\*\* Arnold E. Roos, **A BIBLIOGRAPHY OF THE HISTORY OF CANADIAN SCIENCE AND TECHNOLOGY** (Ottawa: Canadian Science and Technology Historical Association, 1995)