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ALLCUT, Edgar Alfred

MG 30, B 109

Finding Aid No. 1126 / Instrument de recherche no 1126

Prepared by staff
Economic and Scientific
Archives in 1980

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Canada

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MG 30
B 109

ALLCUT, Edgar Alfred (1888-1979). Engineer.

Originals, 1896-1976. 2.8 m. Finding Aid No. 1126.

E.A. Allcut was born at Smethwick, Staffordshire and studied engineering at the University of Birmingham, 1904-1910. He joined the staff of the University of Toronto in 1921 as Associate Professor of Mechanical Engineering, became Head of the Department of Mechanical Engineering in 1944, and Emeritus Professor in 1956. While at the University of Toronto he conducted research and wrote articles on a wide range of topics, including producer gas, oil and steam engines, heat insulation, materials, solar and other forms of energy, engineering education, engineering management and air pollution. During World War II, Allcut was Chairman of a Committee on Producer Gas for the National Research Council; subsequently he became a Commissioner of the Ontario Energy Board, 1960-1969 and member of the Ontario Labour Safety Council, 1962-1965. He was Chairman of the Smoke Abatement Advisory Committee of the City of Toronto, 1949-1955, and Consultant on Air Pollution for Metropolitan Toronto, 1964-1968. He served as Consulting Editor to Manufacturing and Industrial Engineering, 1941-1956, and to Canadian Power Engineering, 1957-1965. He also acted as a private consultant on a variety of engineering matters.

Allcut received the Plummer, Gzowski and Duggan Medals and numerous other engineering awards, and in 1964 the American Society of Mechanical Engineer established an award in his name for outstanding work by a Canadian mechanical engineer.

Presented in 1980 by Mr. and Mrs. Robert Muir, Beaconsfield, Que.

Books and periodicals, principally on engineering topics, were transferred to the Public Archives Library; photographs and glass slides were transferred to the National Photography Collection, and lapel pins to the National Medal Collection.

Finding Aid No. 1126 is a list of file titles.

Biographical and personal, n.d., 1910-1976. 26 cm (volumes 1-2).

Manuscripts of Allcut's unpublished autobiographical work, Un Ingénieur Malgré Lui, with associated correspondence and research material. Biographical sketches; drawings and verses by Allcut; personal memorabilia.

Correspondence general, n.d., 1904-1976. 13 cm (volume 2).

Subject files, n.d., 1896-1976. 26 cm (volumes 2-4).

Reference material, correspondence and notes relating to various aspects of Allcut's work in engineering. Principal topics include energy, heat transfer, insulation, inventions, the Ontario Energy Board, the Pogue carburetor and the Iron Ring Ceremony at Queen's University.

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ALLCUT, Edgar Alfred (1888-1979). Engineer.

Heat engines and thermodynamics, n.d., 1932-1961. 18 cm (volumes 4-5).
Lecture notes and reference material for courses taught by Allcut at the University of Toronto.

Air pollution, n.d., 1913, 1938-1973. 45 cm (volumes 5-7).
Reference material, articles, reports and correspondence concerning air pollution. A large part of the material relates to Allcut's advisory work with the City of Toronto and Municipality of Metropolitan Toronto, including reports and bulletins prepared by Allcut for Metropolitan Toronto and files relating to the air pollution by-law of 1966.

Consulting files, n.d., 1925-1969. 85 cm (volumes 7-11).
Correspondence, research material and reports relating to Allcut's work as an engineering consultant. Included are files on boiler explosions, gasoline tests, insulation and thermal conductivity tests, inventions, a labour dispute at McKinnon Industries, St. Catharines, motor accidents and a variety of other legal and technical matters. Arranged alphabetically by client or litigant.

Articles, lectures and reports, n.d., 1907-1977. 72 cm (volumes 11-14).
Offprints, typescripts or manuscripts of articles produced by Allcut, 1907-1966, including several unpublished papers. Typescripts or notes for lectures and speeches, 1913-1968. Reports to government bodies, 1943-1946, 1958, including a two volume report on producer gas to the National Research Council. Some of the articles and lectures include small amounts of correspondence and research material.

Edgar Alfred Allcut

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Vol.	File	Subject	Date
1		BIOGRAPHICAL AND PERSONAL	
	1	Allcut, E.A. Un Ingénieur Malgré Lui - Draft #1.	1971
	2	Allcut, E.A. Un Ingénieur Malgré Lui - Draft #2.	1972
	3	Allcut, E.A. Un Ingénieur Malgré Lui - Draft #3.	1975
	4	Allcut, E.A. Un Ingénieur Malgré Lui - Diagrams and Illustrations.	1971
	5	Allcut, E.A. Un Ingénieur Malgré Lui - Illustrations.	n.d.
	6	Allcut, E.A. Un Ingénieur Malgré Lui - Illustrations, Additional.	n.d.
	7	Allcut, E.A. Un Ingénieur Malgré Lui - Illustrations, Lists.	n.d.
	8	Allcut, E.A. Un Ingénieur Malgré Lui - Correspondence.	1973-1976
	9	Allcut, E.A. Un Ingénieur Malgré Lui - News Clippings (pp. 1-47).	1910-1944, 1960-1966
	10	Allcut, E.A. Un Ingénieur Malgré Lui - News Clippings (pp. 48-102).	1944-1950
	11	Allcut, E.A. Un Ingénieur Malgré Lui - News Clippings (pp. 103-156).	1951-1958
	12	Allcut, E.A. Un Ingénieur Malgré Lui - News Clippings, Lists.	n.d.
	13	Biographical Material, E.A. Allcut.	1932-1972
	14	Biographical Sketches, E.A. Allcut.	1961, 1971, 1972

Vol.	File	Subject	Date
2	1	Drawings and Engravings, E.A. Allcut.	n.d., 1924, 1930
	2	Golf Tournaments. Faculty of Applied Science - Drawings, Poems.	1925, 1928- 1931
	3	Memorabilia - General.	1913-1975
	4	Membership Certificate, Institution of Civil Engineers.	May 1918
	5	News Clippings Not Related to Engineering.	1973-1976
	6	Records in A.E. Allcut's Collection - Lists.	n.d.
	7	Verses by Allcut.	n.d.
	8	World War I - Personal Memorabilia.	1915-1918
	9	World War II - Personal Memorabilia.	1943-1945

CORRESPONDENCE, GENERAL

10	Correspondence relating to studies and work experience.	1904-1911
11	Correspondence.	1909
12	Correspondence.	n.d., 1911
13	Correspondence.	1912
14	Correspondence.	1913
15	Correspondence.	1914
16	Correspondence.	n.d., 1915

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2 (cont'd)	17	Correspondence.	1916
	18	Correspondence - letter of reference.	1917
	19	Correspondence.	1917
	20	Agreement to Co-Author. <u>Materials Applied to Design.</u>	1918
	21	Correspondence.	1921
	22	Correspondence.	1924
	23	Correspondence.	1927
	24	Correspondence.	1929
	25	Correspondence.	1930
	26	Correspondence.	1931
	27	Correspondence.	1932
	28	Correspondence.	1933
	29	Correspondence.	1935
	30	Correspondence. American Society of Heating and Ventilating Engineers.	1938
	31	Correspondence.	1938
	32	Correspondence.	1939
	33	Correspondence. Biographical sketch.	1941
	34	Correspondence.	1942
	35	Correspondence.	1943
	36	Correspondence.	1944

Vol.	File	Subject	Date
2 (cont'd)	37	Correspondence.	1945
	38	Correspondence.	1946
	39	Correspondence.	1947
	40	Correspondence - List of publications.	1948
	41	Correspondence.	1949
	42	Correspondence.	1950
	43	Correspondence - I.S.M.E. Heat transfer.	1951
	44	Correspondence.	1952
	45	Correspondence.	1953
	46	Correspondence.	1954
	47	Correspondence.	1955
	48	Correspondence.	1956
	49	Correspondence.	1957
	50	Correspondence.	1958
	51	Correspondence - A.S.M.E.	1958
	52	Correspondence.	1959
	53	Correspondence.	1960
	54	Correspondence.	1961
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	57	Correspondence.	1964
	58	Correspondence.	1965

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2 (cont'd)	59	Correspondence.	1966
	60	Correspondence.	1967
	61	Correspondence.	1968
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	63	Correspondence.	1970
	64	Correspondence - University education, University of Toronto.	1971
	65	Correspondence.	1971
	66	Correspondence.	1972
	67	Correspondence.	1973
	68	Correspondence.	1974
	69	Correspondence.	1975
	70	Correspondence.	1976

SUBJECT FILES

	71	Articles by others.	1932, 1934, 1942-1972
3	1	Articles by others - not on engineering topics.	1927-1976
	2	Automobiles - articles.	1968-1969
	3	Edgar A. Allcut Award. A.S.M.E. - Correspondence, Addresses, Programs.	1962, 1964- 1966, 1970

Vol.	File	Subject	Date
3 (cont'd)	4	Energy - Fuel Economy.	1972-1973
	5	Energy - General.	1941-1975
	6	Energy - Solar.	1950, 1961- 1972
	7	Energy and Population.	1954-1973
	8	Engineering Education - Articles.	1949-1957, 1972
	9	Engineering Institute of Canada - Programs.	1943-1963
	10	Engineering Instiutes - Programs and Memorabilia.	1924-1964
	11	Environment - Articles.	1972
	12	Gases and Vapours (Especially Freon) - Articles on Properties.	1938-1945
	13	Gas Production - Articles.	1946, 1953
	14	Heat Loss - Miscellaneous.	1948, 1951, 1962
	15	Heat Pumps - Analysis of the Performance of the buried pipe grid of a heat pump. By W.G. Brown, N.R.C. Article by F.C. Hooper.	1952, 1957
	16	Heat Transfer - Articles and Correspondence.	1939-1952
	17	Heat Transfer. General discussion on, London Eng.	1951
	18	Industrial organization and Labour Relations - Notes.	n.d., 1938- 1947
	19	Institution of Mechanical Engineers (U.K.) Centenary Celebrations - Memorabilia and Report.	1947

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3 (cont'd)	20	Insulation and heat transfer - Articles.	1937-1953
	21	Invention: Calorimeter - Correspondence concerning patent search.	1896-1925
	22	Invention: Poise Weight Mechanism - Patents and Correspondence.	1918-1919
	23	Inventions, General - Correspondence and Patents.	1913, 1917- 1918
	24	Language and Jargon.	1950-1965
	25	Machine design drawings, E.A. Allcut.	ca. 1910-1920
	26	Management and Administration - General.	1948-1954
	27	Ontario Energy Board - Consumers' Gas Application.	1961, 1965
	28	Ontario Energy Board - Gas Storage Report.	1964
	29	Ontario Energy Board - Submission, Correspondence and Memoranda concerning gas storage.	1965-1966
	30	Pogue Carburetor.	1936-1961
	31	Queen's University. Origin of Iron Ring Ceremony - Correspondence.	1967, 1968, 1976
	32	Refrigeration - Articles.	1938-1947
4	1	Research Notes. E.A. Allcut.	n.d.
	2	Safety, Industrial.	1938, 1939, 1965
	3	Still Marine Engine - Articles.	1919-1926

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4 (cont'd)	4	Strato-Spark Converter - Clipping.	1959
	5	University of Toronto - Memorabilia	n.d.
	6	University of Toronto - Faculty of Applied Science and Engineering - Memorabilia.	
	7	University of Toronto - Faculty of Applied Science and Engineering - New Mechanical Building.	1949
4		HEAT ENGINES AND THERMODYNAMICS	
	8	Heat Engines. Second Year. Lecture Notes.	n.d.
	9	Heat Engines 217: Third Year, Electrical and Metallurgical - Lecture notes.	n.d.
	10	Heat Engines 217: Third Year Mechanical - Lecture Notes.	n.d.
	11	Heat Power Engineering 424 - Lecture Notes and Articles.	1940-1947, 1961
5	1	Heat Transmission and Refrigeration 425. Year IV. Lecture Notes and Articles.	1932-1947
	2	Internal Combustion (Aircraft Engines); Year IV.	n.d.
	3	Theory of Heat Engines II: Air Engines. Internal Combustion, Compressors - Notes and Articles.	1931-1953

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5 (cont'd)	4	Theory of Heat Engines III: Vapours, Refridgeration - Notes and Articles.	1936-1951
	5	Thermodynamics 223 - Lecture Notes.	n.d.
AIR POLLUTION			
	6	Air Pollution - Clippings.	1955-1971
	7	Air Pollution - Notes.	1964-1971
	8	Air Pollution Control - Germany.	1960-1962
	9	Air Pollution Control Association - Abstracts from Annual Meeting Papers.	1965
	10	Air Pollution Control Legislation - Ontario.	1957, 1960- 1967
	11	Air Pollution Control Seminars, University of Toronto - Notes.	1965-1967
	12	Air Pollution Seminar. University of Toronto - Notes.	1969
	13	American Society of Mechanical Engineers Committee on Air Pollution Controls.	1963-1966
	14	American Society of Mechanical Engineers Committee on Air Pollution Controls.	1957-1960
	15	Articles and Reports on Air Pollution - General.	1913, 1938, 1939
	16	Articles and Reports on Air Pollution - General.	1947-1954

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5 (cont'd)	17	Articles and Reports on Air Pollution - General.	1955-1963
	18	Articles and Reports on Air Pollution - General.	1965-1973
	19	Automobile Pollution - Report, Articles, Correspondence.	1966-1971
	20	Canadian Standards Association Committee on Air Pollution Control - Correspondence.	1960-1961
6	1	Canadian Standards Association Committee on Air Pollution Control - Correspondence.	1962
	2	Canadian Standards Association Committee on Air Pollution Control - Correspondence.	1963
	3	Canadian Standards Association Committee on Air Pollution Control - Correspondence.	1964
	4	Chimney Stacks.	1950, 1963-1969
	5	Conferences and Meetings on Air Pollution.	1950-1973
	6	Measurement of Atmospheric Pollution. Instruents for - Pamphlets.	n.d.
	7	Ontario Federation of Labour - Conference on Pollution Control.	1966
	8	Reduction at Source - Papers.	1948-1955
	9	Stanford Research Institute. <u>The Smog Problem in Los Angeles County.</u>	1954
	10	Sulphur Dioxide.	1960-1966

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6 (cont'd)	11	Toronto (City) - Air Pollution Advisory Board Reports.	1954, 1955
	12	Toronto (City) - Toronto Smoke Abatement Advisory Board.	1948-1949
	13	Toronto (City) - Smoke Abatement By-Law-Excerpt. Draft, Regulations.	1948-1949
	14	Toronto (Metropolitan) - Air Pollution Control, General.	1963-1965
	15	Toronto (Metropolitan) - Air Pollution By-Law - Correspondence, Research Material and Interview.	1963-1966
	16	Toronto (Metropolitan) - Air Pollution By-Law - Law and Drafts.	1966
	17	Toronto (Metropolitan) - Air Pollution Control Regulations.	1949, 1959-1963
	18	Toronto (Metropolitan) Bulletins IB1 and TM1 - Correspondence.	1965-1966
	19	Toronto (Metropolitan) Bulletins IB1 and TM1 - Reference Materail.	1950-1966
	20	Toronto (Metropolitan) Bulletin 1B2 - Draft.	n.d.
	21	Toronto (Metropolitan) - <u>Clean Air</u> . Information Bulletin IB-L, By E.A. Allcut. Draft.	1965
	22	Toronto (Metropolitan) - <u>The Control of Air Pollution in the Toronto Area</u> . Technical Memorandum TM-1, by E.A. Allcut. Final Draft.	1966
	23	Toronto (Metropolitan). R.L. Hearn Generating Station - Diagrams,	1951-1958

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7	1	Toronto (Metropolitan). R.L. Hearn Generating Station - Research Material and Correspondence.	1956-1958
	2	Toronto (Metropolitan). Report on Atmospheric Pollution and Stack Heights at the R.L. Hearn Thermal Generating Station. By E.A. Allcut.	1958
	3	Toronto (Metropolitan) - Report on Heights of Chimneys on Tall Buildings. By E.A. Allcut.	1965
	4	Toronto (Metropolitan). Report on Test Procedures in Metropolitan Toronto. By E.A. Allcut and W.C.L. Hemeon.	1964
	5	Toronto (Metropolitan) - Reports on Pollution Tests.	1963, 1964
	6	Toronto (Metropolitan) - Survey of Atmospheric Pollution - Interim Report No. 2. By A.M. Fisher.	1955
	7	Toronto (Metropolitan) - Survey of Atmospheric Pollution. Interim Report No. 3.	1956
	8	Toronto (Metropolitan) - Survey of Atmospheric Pollution. Interim Report No. 4.	1956
	9	Toronto (Metropolitan) - Survey of Atmospheric Pollution. Interim Report No. 6.	1958
	10	Toronto (Metropolitan) - Survey of Atmospheric Pollution. Interim Report No. 7.	1958

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7 (cont'd)	CONSULTING FILES		
11		Consulting Files - General.	1942-1962
12		Freeman vs. Fitchette - Correspondence concerning Refrigeration Plant.	1926-1930
13		Riley vs. Ault+Wiborg - Correspondence and Report on Law Suit, including Murphy Furnace Trade Catalogue.	1928-1930
14		Johns St. Pumping Station, Toronto - Report on Purchase of Four New Boilers.	1932
15		Moore Bros. Ltd. - Infiltration Tests on Insulation - Correspondence and Reports.	1936-1937
16		Falconer's Aerator - Report of Tests on Chevrolet Engine at University of Toronto.	1937
17		Cresswell-Pomeroy Ltd. - Heat Transmission Tests on Double Glazing.	1937
18		Universal Cooler Company, Brantford - Tests on Cooling Coil.	1938
19		Clarke, A.W. - Composite Turbine, Report and Correspondence.	1938
20		McDougald, J.A. - Report on Schwarz Engines.	1938
21		Metallic Roofing Company - Heat Transmission through roofs - Reports and Correspondence.	1938
22		Empire Starch Products Ltd. - Boilers for Starch Plant in British Honduras - Correspondence and Blueprints.	March-July 1938
23		Empire Starch Products Ltd. - Boilers for Starch Plant in British Columbia - Correspondence.	July 1938-1939

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8	1	Elliot, D.E. - Correspondence concerning H.F. Ponsford's Displacement Motor.	1938-1939
	2	Spun Rock Wools Ltd., Thorold - Correspondence and Report on Conductivity of Spun Rock Wool.	1938-1939
	3	Gelfand vs. Robert Simpson Inc. - Correspondence concerning Escalator.	1939
	4	Buell Combustion Co. - Correspondence concerning Dust Separators. Inco Plant. Copper Cliff, Ontario.	1938-1939
	5	Buell Combustion Co. - Blueprints concerning Dust Separators. Inco Plant. Copper Cliff, Ontario.	1938, 1939
	6	Tarshis, L.S. and Sons - Explosion in Steam Kettle - Correspondence and Reports.	1925, 1940
	7	Toronto Transit Commission - Boiler Test at Hillcrest Plant - Correspondence, Graphs.	1940
	8	Lever Brothers Ltd. Toronto - Report on Oil Storage Tanks.	1940
	9	Guelph Carpet and Worsted Spinning Mills Ltd., Guelph - Report on Steam Generating Plant.	1940
	10	Guelph Carpet and Worsted Spinning Mills Ltd. - Boiler Survey - Correspondence.	1940-1941
	11	Lever Brothers Ltd., Toronto - Report on Explosion in Oxygen Compressor.	1941
	12	Liquid Air Company, Toronto - Report on Accident.	1941
	13	Bakelite Corporation - Boiler Tests.	1941
	14	Gasoline Tests for Various Firms.	1938, 1942

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8 (cont'd)	15	Bridges, F.S. - Correspondence concerning Insulation and Thermal Conductivity Tests.	1939-1942
	16	Holmes Foundry Company, Sarnia - Lawsuit concerning effect of Compressor Vibrations on Neighbouring Homes.	1941, 1942
	17	Van Hoek, E.W. - Weigel Engine - Reports and Correspondence.	1941-1942
	18	Toronto Transit Commission - Tests on Radial Car, Report.	1942
	19	Lauder Fuel Oil Converter - Reports, Correspondence.	1942
	20	Healy, Thomas vs. Runnymede (Bell Telephone) - Accident involving Derrick.	1942
	21	Donnell and Mudge Limited, Tanners, Toronto - Tests on Alternative Linings for Military Garments.	1943
	22	Rostoker's Heated Manifold - Report on Tests.	1943
	23	Ingram and Bell - Tests on Surgical Suction and Pressure Pump.	1944
	24	Ontario Research Foundation - Report on Flow of Various Fluids through Valves.	1944
	25	Report of Tests on Built up Wooden Panels.	1944
	26	Toronto Harbour Commission - Report on Failure of Connecting Rod in Kermath Marine Engine.	1944

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9	1	Canadian National Railways - "Hamonic" Fire - Report and Correspondence, Including Clark Utilitruc Trade material.	1946
	2	Bloor - Bathurst Accident - Report and Correspondence including Timken and Bendix-West Trade material.	1946
	3	Vineberg, S.A. - Boiler Explosion at King's Hall building, Montreal.	1948
	4	D. Wright vs. John A. Roebling's Sons Co. - Legal material, Correspondence concerning New Jersey.	1948
	5	Keaveney vs. C.N.R. - Report on Train-Truck-Tractor collision. Includes Caterpillar Brochures.	1949-1950
	6	Universal Accessories et al vs. Dieterich Products Corporation - Statements in Patent Case concerning Automobile visors, including patents.	1920-1940, 1949-1950
	7	Report on Boiler Explosion at 366 Yonge Street, Toronto.	1950
	8	General Engineering Co. Ltd. - Report on Hicks Compressor.	1950
	9	Dow Chemical of Canada Ltd. - Reports of Tests on Styrofoam.	1950
	10	Diesel and Marine Corporation, Galt Ontario - Explosion on the "Radel".	1951
	11	Smith and Corby, Barrie Ontario - Report on Broken Crankshaft part for 1950 Meteor.	1952
	12	Brown's Meat Market, Elmvale, Ontario - Report on Propane Explosion.	1952

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9 (cont'd)	13	Russell Transport Ltd. et al vs. Ontario Malleable Iron Co. Ltd., Oshawa - Reports on origin of Corrosive Fumes on Russell Property.	1952
	14	AGA Steel Radiators - Report, Trade Brochure on AGA Steelrad.	1952
	15	A.V. Roe Canada Ltd., Toronto - Correspondence, Photograph concerning High Level Crane Accident.	1952
	16	Crothers, G.W. Ltd., Leaside, Ontario - Report on Crankshaft Failure in Gardner - Denver Air Compressor.	1952
	17	General Motors, Oshawa - Report on Inspection of Air Compressor Unit.	1953
	18	Wisconsin Engine - Report on fire - Trade Brochure.	1953
	19	Ford Power Plant, Windsor, Ontario - Report on fires in Piping Insulation.	1953
	20	Toronto Department of Works - Boiler tests at High Level Pumping Station.	1952, 1954
	21	Rogerson vs. Brooks, North Bay, Ontario - Report on Explosion in Cabin Cruiser,	1954
	22	Toronto Transit Commission - Report on fuels for Heating Plants.	1954-1955
	23	Hamilton Smoke Abatement By-Law - Comments.	1955
	24	Oxford Furniture Co., Toronto - Report on Furnace Explosion.	1956
	25	Bucyrus-Erie and Gallipeau - Report on Accident on Bucyrus-Erie Hydrocrane - includes Trade Literature.	1956

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9 (cont'd)	26	Home Beautifiers vs. Rogers - Report on case Invloving Leaking Oil Tanks.	1956
	27	Report on Damage to Packard Car, Toronto, Ontario.	1956
	28	Bridge vs. Blacklock et al - Correspondence on Traffic Accident.	1956
	29	Orillia Light and Power Commission - Report, Trade Brochure concerning fire in Fairbanks-Norse Diesel Engines.	1956
	30	Pitre vs. Wallace Transport et al - Report, Reference Material concerning Car-Truck Accident.	1955-1957
	31	Canadian Fairbanks-Morse Co. vs. Anton Gutri - Report on Furnace Explosion, includes General Controls Trade Literature.	1956-1957
	32	American Insurance Co. and Superior Cleaners and Dyers Ltd. - Reports concerning Boiler Failure and fire.	1956-1957
10	1	Reports on Automobile Accident near Walkerton.	1957
	2	Shell Oil Co., Cities Service Oil Co. - Reports concerning Establishment of Oil Refineries in Trafalgar County, Ontario.	1957
	3	Hardy, Bryce - Report on Automobile Accident involving broken Tie Rod.	1957
	4	C.N.R. and Zavitz Bros. Ltd. - Report on Train-Truck Collision at Bell's Corners, Ontario.	1957

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10 (cont'd)	5	Automobile Accident near Bracebridge, Ontario - Report.	1957-1958
	6	General Security Acts. Inflammable Disposals - Report, Photograph concerning Damage to Bulldozer. includes Caterpillar Trade Literature.	1957-1958
	7	McLean vs. Lucier et al - Report on Automobile Accident near Chatham.	1957-1958
	8	University Graduates in Steam Power Plants - Report to Ontario Minister of Labour - Correspondence, Reference Material (1).	1956-1957
	9	University Graduates in Steam Power Plants - Report to Ontario Minister of Labour - Correspondence, Reference Material (2).	1958
	10	University Graduates in Steam Power Plants - Report to Ontario Minister of Labour - Correspondence, Reference Material (3).	1958
	11	Patrickios, A.W. - Two Stroke Engine - Report and Correspondence.	1958
	12	Lewis vs. Niagara Crushed Stone (Air Pollution) - Correspondence.	1958
	13	ACME Farmers' Dairy - Correspondence and Report Concerning Truck Failure.	1958
	14	Toronto Municipal Abattoir - Reports, Correspondence concerning Boilers (1).	1957
	15	Toronto Municipal Abattoir - Reports, Correspondence concerning Boilers (2).	1957-1959

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10 (cont'd)	16	Husky Oil vs. Royal Insurance - Judgment - Report, Correspondence in case Involving Overage Boiler - includes Trade Brochures on Boilers.	1957-1858, 1959
	17	Guelph, City of, vs. Lillico - Correspondence and Report Regarding Accident on Steps.	1958-1959
	18	Noranda Mines Ltd. - Correspondence and Reports regarding Leakage of Sulphuric Acid.	1959
	19	Besley Ats Smith - Explosion of Oil Burner.	1959
	20	MacKenzie et al vs. Vauxhall Motor et al - Vauxhall Manuals - Reference Material in case concerning Automobile Accident.	1952-1956
	21	MacKensie et al vs. Vuxhall Motors et al - Correspondence and Report concerning Motor Accident.	1958-1960
	22	McCormack vs. T. Eaton Co. - Escalator Accident.	1960
	23	Consumer's Gas Company vs. Village of Longbranch and Metro Toronto - Report, Judgment - Correspondence in case concerning Assessment.	1958-1960
	24	Renouf, S.W.B. - Invention of Amplifying Power Reactor, Report.	1959-1960
	25	Fournier vs. Superior Propane - Explosion and Fire, Brantford, Ontario.	1960

Vol.	File	Subject	Date
11	1	Oliver Plumbing and Heating vs. Buchanan et al - Report and Correspondence concerning Explosion and fire.	1958, 1961
	2	Commercial Service Garage Ats. Gardner-Evans - Broken Brake Drum.	1960-1961
	3	Dowser, Mr. and Mrs. L. - Automobile Accident - Correspondence and Report.	1962
	4	Bell Telephone Co. of Canada, Adelaide Building - Heat Pumps - Correspondence, Reports, Plans.	1961-1962
	5	Knott Hotels Company of Canada - Boiler Inspection Reports.	1957-1963
	6	Westbury Hotel - Report on Boilers.	1960, 1962-1963
	7	Martin vs. Jones - Report on Automobile Accident at Lindsay, Ontario.	1963
	8	Lamb, Benjamin - Eastman Rotary Engine - Correspondence and Report.	1963
	9	Barton vs. Radiator Specialty - Correspondence and Exhibits concerning Stop-Leak Preparations.	1955-1959, 1965
	10	Barton vs. Radiator Specialty - Reports on Stop-Leak Preparations.	n.d.
	11	Doyle Electric Co. - Boiler Explosion at 1600 Bathurst Street.	1958-1959, 1963-1965
	12	McKinnon Industries Ltd, and Canadian Union of Operating Engineers - St. Catharines - Abbitration.	1966
	13	Little vs. British American Oil Co. Ltd. - Correspondence, Report concerning Boiler.	1967

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11 (cont'd)	14	Coca-Cola and Siegal - Correspondence and Reports regarding broken bottle.	1969

ARTICLES

15	Articles and Papers - Partial Lists.	n.d.
16	Allcut, E.A. "The Mond Gas Plant at Saltley Gasworks".	n.d.
17	Allcut, E.A. Early Scientific Papers.	n.d., 1909
18	Allcut, E.A. "The Education of the Engineer in England" (Unpublished).	n.d.
19	Allcut, E.A. "Modern Power Gas Manufacture".	1907
20	Allcut, E.A. "Water Tube Marine Boilers".	1908
21	Allcut, E.A. "A New Oil Furnace".	1909
22	Allcut, E.A. "Producer Gas for Engine Work" (Unpublished).	1909
23	Allcut, E.A. "Notes on Tar" (Unpublished)	ca. 1910
24	Allcut, E.A. "The Economic Use of Coal".	1912
25	Allcut, E.A. "The Testing of Materials for Aeronautical Construction".	1917
26	Allcut, E.A. "Impact Testing of Aircraft Steels". "Future Notes on Steel Testing".	1917
27	Allcut, E.A. "The Heat Treatment and Testing of Steel".	1918
28	Allcut, E.A. "Some Notes on Testing".	ca. 1918

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11 (cont'd)	29	Allcut, E.A. "Notes on the Testing of Manufactured Material".	ca. 1918
	30	Allcut, E.A. "Testing Materials for the Austin Car".	1918
	31	Allcut, E.A. "Materials for Mass Production".	1919
	32	Allcut, E.A. "The Handling of Materials".	1919
	33	Allcut, E.A. "An Inspection and Progress System".	1921
	34	Allcut, E.A. "The Drawing Office and its Relationship to the Works".	1921
	35	Allcut, E.A. "Material Specifications".	1921
	36	Allcut, E.A. "The Education of Engineers".	1921
	37	Allcut, E.A. "Steel Drop Forging".	1921
	38	Allcut, E.A. "The Inspection of Ferrous Materials".	1923
	39	Allcut, E.A. "Some Tests on a Two-Stroke Cycle Oil-Engine".	1924-1925
	40	Allcut, E.A. Book Reviews for <u>The Canadian Engineer</u> et al.	1924-1937
	41	Allcut, E.A. "Producer Gas for Road Traction".	1926
	42	Allcut, E.A. "Steam, Oil and Electric Power".	1926
	43	Allcut, E.A. "The Influence of Speed on Engine Performance".	1926
	44	Allcut, E.A. "The Combustion of Liquid Fuels".	1927

Vol.	File	Subject	Date
11 (cont'd)	45	Allcut, E.A. "Further Tests on a Two - Stroke Cycle Oil-Engine" "Oil Engine Research..." By C. Bradshaw.	1927, 1929, 1930
	46	Allcut, E.A. "The Uniflow Steam Engine in Theory and Test".	1928
	47	Allcut, E.A. "Low Temperature Carbonisation and its Influence on Ontario's Fuel Supply".	1928
	48	Allcut, E.A. "The Importance on the Infinitesimal".	1928
	49	Allcut, E.A. "The Influence of Various Factors on the Power and Economy of a Gasoline Engine".	1928
12	1	Allcut, E.A. Discussion on "Efficiencies of Otto and Diesel Engines",	ca. 1928
	2	Allcut, E.A. "Physical Testing Methods and Apparatus".	1929
	3	Allcut, E.A. "Recent Developments in Steam Power Engineering",	1930
	4	Allcut, E.A. "The Generation of Electricity by Oil Engines".	1931
	5	Allcut, E.A. "The Heat Output of Concealed Radiators at Various Temperatures".	1931-1932
	6	Allcut, E.A. "The Distribution of Fuel in Multi-Cylinder Gasoline Engines".	1932
	7	Allcut, E.A. "The Inspection of Materials".	1932

Vol.	File	Subject	Date
12 (cont'd)	8	Allcut, E.A. "The use of Low Rank Fuels" and H.L. Wittek.	1932
	9	Allcut, E.A. "Oil Engine Development".	1932
	10	Allcut, E.A. "The Possible Market in Canada for the Products of British Mechanical Engineers".	1931
	11	Allcut, E.A. "Industrial Management".	1933
	12	Allcut, E.A. "Some Aspects of Scientific Management".	1933
	13	Allcut, E.A. "Oil Engine Development".	1933
	14	Allcut, E.A. "Future Tests on the Heat Output of Concealed Radiators.	1933
	15	Allcut, E.A. "Some Problems in Concealed Heating".	1934
	16	Allcut, E.A. "Heat Insulation as Applied to Buildings and Structures".	1934
	17	Allcut, E.A. "Heat Insulation".	1935
	18	Allcut, E.A. "Engineering Research and Progress".	1935
	19	Allcut, E.A. and F.G. Ewens "Heat Insulation as Applied to Buildings and Structures".	1937
	20	Allcut, E.A. "Heat Insulation for Buildings".	1937
	21	Allcut, E.A. "Methods of Testing Heat Insulating Properties of Materials".	1939
	22	Allcut, E.A. "The Physical Structure of Heat Insulating Materials, Air Filtration".	1939

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12 (cont'd)	23	Allcut, E.A. and F.G. Ewens. Thermal Conductivity and Insulating Materials".	1939
	24	Allcut, E.A. "Heat Insulation".	ca. 1940
	25	Allcut, E.A. "Business and Industrial Organization".	1940
	26	Allcut, E.A. "Properties of Heat Insulating Materials".	1940
	27	Allcut, E.A. "Comfort and Work".	ca. 1941
	28	Allcut, E.A. <u>The Design and Manufacture of Testing Machines</u> - Typescript.	ca. 1942
	29	Allcut, E.A. "Heat Insulation for Refrigeration and Cold Storage.	1942
	30	Allcut, E.A. "Producer Gas for Motor Transport".	1942
	31	Allcut, E.A. "War on Waste".	1942
	32	Allcut, E.A. "Producer Gas Can Help Wartime Fuel Economy".	1942
	33	Allcut, E.A. "Producer Gas for Motor Vehicles".	ca. 1942
	34	Allcut, E.A. Book Reviews for <u>Manufacturing and Industrial Engineering.</u>	1942-1943
	35	Allcut, E.A. Book Reviews for <u>Manufacturing and Industrial Engineering.</u>	1948-1950
	36	Allcut, E.A. Book Reviews for <u>Manufacturing and Industrial Engineering.</u>	1951-1953
	37	Allcut, E.A. Book Reviews for <u>Manufacturing and Industrial Engineering.</u>	1954-1956

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12 (cont'd)	38	Allcut, E.A. "Footprints" - Biographical Series for <u>Manufacturing and Industrial Engineering</u> .	1942, 1945- 1946
	39	Allcut, E.A. "Give it Some Thought" - Editorial Series for <u>Manufacturing and Industrial Engineering</u> .	1953-1956
	40	Allcut, E.A. "Hot Pipe Insulation Important to Save Fuel".	1943
	41	Allcut, E.A. "Tests of Steam-Pipe Insulation".	1943
	42	Allcut, E.A. "Men Machines and Materials (The Three M's)".	1943
	43	Allcut, E.A. "Mineral Wool for Refrigeration; A New Standard Specification".	1943
	44	Allcut, E.A. "Quality Control in Mass Manufacture".	1943
	45	Allcut, E.A. "What is a Sound Labour Policy?".	1943
	46	Allcut, E.A. "Alternative Fuel for Transport".	1943
	47	Allcut, E.A. "Who Pays?". - Editorial.	1944
	48	Allcut, E.A. "How to use Graphs and Curves in Industry".	1944
	49	Allcut, E.A. "Metric and British Units".	1944
	50	Allcut, E.A. "Graphs and Curves".	ca. 1944
	51	Allcut, E.A. "Radiators for Heating".	ca. 1944
	52	Allcut, E.A. "Inspection".	1945

Vol.	File	Subject	Date
12 (cont'd)	53	Allcut, E.A. "A Fuel Policy for Canada".	1945
	54	Allcut, E.A. "Evolution and Revolution".	ca. 1945
	55	Allcut, E.A. "Smoke".	1946
	56	Allcut, E.A. "The use of Heat Insulation in Building Design and Construction".	1947
	57	Allcut, E.A. "The Smoke Problem".	1947
	58	Allcut, E.A. "The Heat Pump".	1947
	59	Allcut, E.A. "The Fuel Situation".	1948
	60	Allcut, E.A. "Smoke Abatement".	ca. 1948
	61	Allcut, E.A. "Thermal Conductivity Tests and Results".	1949
	62	Allcut, E.A. "Smoke... What One City is Doing About it".	1949
	63	Allcut, E.A. "Combustion Control Research Promises Greater Efficiencies".	1949
	64	Allcut, E.A. "Smoke - Air Pollution and its Consequences".	1950
	65	Allcut, E.A. "An International Problem".	1950
	66	Allcut, E.A. "C.I.O.S. - The United Nations of Scientific Management".	1951
	67	Allcut, E.A. "A Maximum Return for the Lowest Fuel Expenditure".	1951
	68	Allcut, E.A. and F.C. Hooper, "The Possibilities of the Heat Pump in Canada".	1951

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12 (cont'd)	69	Allcut, E.A. "An Anaysis of Heat Transfer Through Thermal Insulating Materials".	1951
	70	Allcut, E.A. "Air Sanitation",	1951
	71	Allcut, E.A. "Do Companies Really Suppress Development?"	1952
	72	Allcut, E.A. "The Problem of Air Pollution".	1953
	73	Allcut, E.A. "The Car of the Future".	1953
	74	Allcut, E.A. "Can Canada's Energy Supply Meet the Increasing Demands?"	1954
	75	Allcut, E.A. "Producer Gas for Power and Heating".	1954
	76	Allcut, E.A. "Air Pollution in Canada".	1954
	77	Allcut, E.A. "Can Present Mechanical Engineering Curricula be Improved?"	1955
	78	Allcut, E.A. "What Can we do About Those Engineers?"	1955
	79	Allcut, E.A. "Mechanical Engineering".	ca. 1955
	80	Allcut, E.A. "Air Pollution Control Problems".	1956
13	1	Allcut, E.A. "Some Observations on Atomic Power".	1956
	2	Allcut, E.A. "Solar Energy Research at Toronto".	ca. 1956
	3	Allcut, E.A. "Discipline".	1957

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13 (cont'd)	4	Allcut, E.A. Articles for <u>Canadian Power Engineer</u> .	1957-1958
	5	Allcut, E.A. Articles for <u>Canadian Power Engineer</u> - Typescript.	1957-1958
	6	Allcut, E.A. Articles for <u>Canadian Power Engineering</u> .	1959-1960
	7	Allcut, E.A. Articles for <u>Canadian Power Engineer</u> - Typescript.	1959-1960
	8	Allcut, E.A. Articles for <u>Canadian Power Engineer</u> .	1961-1962
	9	Allcut, E.A. Articles for <u>Canadian Power Engineer</u> - Typescript.	1961-1962
	10	Allcut, E.A. Articles for <u>Canadian Power Engineer</u> .	1963-1965
	11	Allcut, E.A. Articles for <u>Canadian Power Engineering</u> - Typescript.	1963-1965
	12	Allcut, E.A. "The Sun - Future Source of World Energy?"	1959
	13	Allcut, E.A. and F.C. Hooper. "Solar Energy in Canada" - Report to U.N. Conference on New Sources of Energy.	1961
	14	Allcut, E.A. "Air Pollution in Ontario - What are the Problems?" - Paper for O.F.L. - C.L.C. Pollution Conference.	1966
	15	Allcut, E.A. Articles - Miscellaneous.	1947, 1949, 1965, 1966
	16	Allcut, E.A. <u>Good Quality Means Good Value</u> - Advertising Brochure for American-Standard Canada.	n.d.

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13 (cont'd)	LECTURES		
	17	Allcut, E.A. "Lecture on Testing Machines",	1916
	18	Allcut, E.A. Notes for Lectures.	1913-1926
	19	Allcut, E.A. "The Water we Breathe" - Radio Talk.	1926
	20	Allcut, E.A. "Coal" - Lecture Notes and Research Material.	1927
	21	Allcut, E.A. "Power" - Lecture and Research Material.	1926-1928
	22	Allcut, E.A. "Diesel Engines - Lecture	1928
	23	Allcut, E.A. "Testing methods and Apparatus" - Lecture.	ca. 1928
	24	Allcut, E.A. Notes for Lectures.	1927-1934
	25	Allcut, E.A. "Heat Insulation" - Lecture.	1935
	26	Allcut, E.A. "Influence of Watt's Work on Modern Life and Industry" - Lecture and Reference Material.	1936
	27	Allcut, E.A. "Mass Production" - Lecture notes.	ca. 1936
	28	Allcut, E.A. Heat Insulating Materials and their Properties - Notes for Lectures	1938-1939
	29	Allcut, E.A. Notes for Lectures.	ca. 1938-1939
	30	Allcut, E.A. "Prophecies and Performances" - Lecture and Research Material.	1944

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13 (cont'd)	31	Allcut, E.A. Lectures on Budgeting and Cost Control for Evening Course in Foremanship, University of Toronto - Notes.	1944
	32	Allcut, E.A. Notes for Lectures,	1946-1955
	33	Allcut, E.A. "Automobiles of the Future".	1953
	34	Allcut, E.A. "Oil Gas Combustion" - Lecture Notes and Reference Material.	1954-1956
	35	Allcut, E.A. "Vision and Supervision" - Lecture.	1955
	36	Allcut, E.A. "Industrial Design" - Lecture.	1957
14	1	Allcut, E.A. "Cleaner Air and How to Get it".	1957
	2	Allcut, E.A. "Energy Sources for the Future" - Lecture Notes.	1958
	3	Allcut, E.A. "Air Pollution and its Control" - Lecture.	1965
	4	Allcut, E.A. "Ethics and Design" - Lecture, Correspondence and Reference Material.	1968
	5	Allcut, E.A. "The National Building Code" - Lecture.	1960
	6	Allcut, E.A. Lectures on Air Pollution - Notes.	1963, 1965
	7	Allcut, E.A. "The Profession of Engineering" - Lecture and Reference Material.	n.d.

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14 (cont'd)	8	Allcut, E.A. Speeches - Informal.	1946-1961

REPORTS

9	Allcut, E.A. and R.H. Patten. <u>First General Report of the Sub-Committee on Producer Gas...</u>	1943
10	Allcut, E.A. and R.H. Patten. <u>Second Report of the Sub-Committee on Producer Gas... (N.R.C.)</u>	1945
11	Young, C.R., E.A. Allcut et al - Report of Committee Appointed by Government of Ontario to Inquire into Accident at Paymaster Consolidated Mines.	1946
12	Allcut, E.A. <u>University Graduates in Steam Power Plants - Report to Minister of Labour, Government of Ontario.</u>	1958
13	Institution of Mechanical Engineers, Visit to Brantford, <u>Brantford Expositor</u> , Friday September 2 <u>[1932]</u> p.p. 9-12.	September 2, 1932
14	Comite International De L'Organisation Scientifique - 9th International Management Congress.	1951
15	A Manual of Instruction for Use in Conjunction with the Textbook. <u>Applied Imagination.</u>	1955
16	Pollution, Graphs of Soiling Index and Dustfall, Toronto.	1957-1967
17	"Tension of Retirement", Newspaper Clipping, <u>Globe And Mail</u> ,	March 11, 1972

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14 (cont'd)	18	Laws of Engineering and Others,	1973
	19	University of Toronto, Sesquicentennial Citation and Biographical Sketch of Edgar Alfred Allcut (Xerox copies).	1977
	20	"Mathematics" undated commentary on its Relevance to Engineering Education.	
	21	Wankel Engine, Clipping.	n.d.
	22	Engineer's Social Responsibilities.	
	23	Poem, "On First Looking Into The Shortest Course I Could Possibly Find On Modern German Philosophy", M.M. Allcut.	n.d.
	24	Photos and Drawings Relating to Testing Machines.	
	25	Allcut, E.A. "The Effect of Varying Proportions of Air and Steam on a Gas Producer."	1911
	26	Allcut, E.A. Article for <u>Canadian Power Engineer</u> .	1965
	27	Allcut, E.A. & C.J. King. <u>Engineering Inspection</u> . Papers removed from the book.	
	28	Allcut, E.A. & E. Miller. <u>Materials and Their Application to Engineering Design</u> . Papers removed from the book.	
	29	Allcut, E.A. <u>An Introduction to Heat Engines</u> . Papers removed from the book.	
	30	Golinski, Joseph Antoni. <u>Silniki Spolinowe</u> (Combustion Engines). Papers removed from the book.	1947

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14 (cont'd)	31	Wilkes, Gorden B. <u>Heat Insulation.</u> Papers removed from the book.	1950
	32	Ontario. Operating Engineers Act Revisions,	1960-1965

DIPLOMAS, DEGREES, HONOURS

GREAT BRITAIN

1. Staffordshire Technical Institution Committee, Scholarship Certificate, 1900.
2. University of Oxford, first class honours in local examination as a junior candidate, 1903.
3. University of Birmingham, degree of Master of Science, 1909.
4. City and Guilds of London Institute, Department of Technology, first class at the final examination in "Engineers' Quantities and Estimating (Mechanical) and attained the Standard required for a Prize, but, being a Teacher, was disqualified," 1913.
5. The Aeronautical Society of Great Britain, Associate Fellow, 1918.
6. The Institution of Mechanical Engineers, Member, 1925.
7. The Institution of Mechanical Engineers, the Herbert Akroyd Stuart Prize, 1930 for his paper "Further Tests on a Two Stroke Cycle Oil-Engine" published in the Proceedings of 1927, p. 510, 1930.
8. The Royal Aeronautical Society, Fellow, 1939.

CANADA

1. Association of Professional Engineers of the Province of Ontario, Registered Professional Engineer in the Branch of Mechanical Engineering, 1923.
2. The Grand Chapter of Royal Arch Masons of Canada, member, University Chapter, Toronto, 1931.

3. University of Toronto, degree of Mechanical Engineer, 1931.
4. Canadian Industrial Management Association, Member, 1952.
5. Association of Canadian Industrial Designers, Honorary Member, 1953.
6. Council of the Faculty of Applied Science and Engineering of the University of Toronto, message of respect and affection upon retirement, May 8, 1956.
7. University of Toronto, Faculty of Applied Science and Engineering, congratulations on forty years in engineering profession, 1971.
8. Association of the Professional Engineers of Ontario, recognition on 50th anniversary as a founding member, 1972.
9. The Engineering Institute of Canada, Fellow, 1974.

UNITED STATES

1. American Society of Mechanical Engineers, member, 1922.
2. American Society of Mechanical Engineers, Fellow, 1955.
3. American Society of Mechanical Engineers, certificate awarded by the Council in appreciation of his outstanding leadership in the development of standards and codes sponsored by the society. Member, Power Test Codes Committee, 1954-1960, Chairman PTC Committee No. 16 on gas producers, 1951-1960. Presented 1960.

MEDALS

1. The Hslop Medal, Mason College Birmingham. Awarded for scholarly achievement. According to information supplied orally by Professor Allcut, he was the first student of engineering to receive this award which carried a cash scholarship with it.

2. On War Service, 1915, serial number 94412. During W.W. I professor Allcut was not allowed to join the military on account of the strategic nature of his work. This badge identified him as being a contributor to the war effort. Professor Allcut advised that during the war able bodied young men not in uniform were regarded as cowards unless on war service. Women would try to stick white feathers on men out of uniform. The badge did not always protect one from abuse.
3. The Institution of Mechanical Engineers, Canada, 1932. The I.S.M.E. is based in England but held a meeting and technical tour in Canada in 1932. Professor Allcut was one of the organizers. The medallion appears to have been given to participants.
4. The Plummer Medal, the Engineering Institute of Canada for the best paper on Metallurgy on Chemistry, 1942.
5. The Gzowski Medal, the Engineering Institute of Canada, for the best paper on any subject, 1947.
6. Duggan Prize, the Engineering Institute of Canada. Metallic Structures and Machinery, for his paper "Possibilities of the Heat Pump in Canada, 1952.
7. The Engineering Medal, Association of the Professional Engineers of the Province of Ontario, for distinguished engineering achievement, 1968. Two medals mounted on framed presentation scroll dated March 1, 1969. Middle name incorrectly given as Albert instead of Alfred.
8. Unidentified lapel pin bearing SPS, in gold lettering vertically on blue enamel strip, remainder gold enamel.