

January  
Twenty-ninth  
1923.

R. S. Griffith, Esq.,  
Vickers Limited,  
225 Beaver Hall Hill,  
Montreal.

Dear Sir:-

Thank you very much for your letter of January 19th offering to loan certain moving picture films to McGill University.

The subjects represented in these films all come under the work of our Department of Mechanical Engineering and I have been informed by the head of this Department that they will be glad to have the loan of three of the films mentioned in the list. These are:-

1. The Construction of a Steam Turbine at the Naval Construction Works at Barrow-in-Furness. 15 Minutes.
2. The Launch and Trials of a Floating Dock at the Naval Construction Works, Barrow-in-Furness. 10 Minutes.
3. A Flight from London to Amsterdam in a Vickers-Vimy-Commercial Aeroplane. 15 Minutes.

If the Company will send these films, or will send a communication with reference to them, to Professor McKergow, Department of Mechanical Engineering, McGill University, he will make arrangement for shewing the films and for the return of the same.

Again thanking you for your courtesy, I am,

Yours faithfully,

Principal.



**MCGILL UNIVERSITY**

FACULTY OF APPLIED SCIENCE

Dean's Office:

FRANK D. ADAMS, Ph.D., D.Sc., F.R.S.—DEAN.

MONTREAL

Jany. 26th. 1923.

Sir Arthur Currie, G.C.M.G., K.C.B., LL.D.,  
Principal,  
McGill University.

Dear Sir Arthur,

I desire to acknowledge the receipt of the letter sent to you from the Vickers Company, Limited, under date Jany. 19th., in which the Company state that they have certain moving picture films for distribution in Canada, and that they would be pleased to loan any of these to McGill University. The subjects represented in these films all come under the work of our Department of Mechanical Engineering. I have consulted this Department, and Professor McKergow informs me that they will be glad to have the loan of three of the films mentioned in the list. These are:-

- (1) The Construction of a Steam Turbine at the Naval Construction Works at Barrow-in-Furness. 15 Minutes.
- (2) The Launch and Trials of a Floating Dock at the Naval Construction Works, Barrow-in-Furness. 10 Minutes.
- (3) A Flight from London to Amsterdam in a Vickers-Vimy-Commercial Aeroplane. 15 Minutes.

If the Company will send these films, or will send a communication with reference to them to Professor McKergow, Department of Mechanical Engineering, McGill University, he will make arrangements for showing the films and for the return of the same.

I remain,

Yours very sincerely,

*Frank D. Adams*



# VICKERS, LIMITED

LONDON, ENGLAND

REPRESENTATIVE

R. S. GRIFFITH

AGENT AND IMPORTER

225 BEAVER HALL HILL

MONTREAL, January 19th, 1923.

General Sir Arthur Currie, G.C.M.G., K.C.B., LL.D.,  
Chancellor, McGill University,  
Montreal.

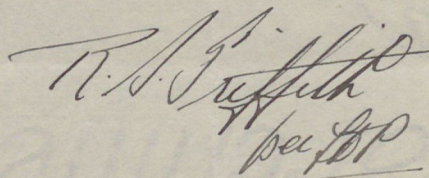
Sir:-

Our principals, Messrs. Vickers Limited of London, England have certain moving picture films for distribution in Canada.

It occurred to us that possibly some of these films might be interesting to McGill University for instructional purposes, and we should be very pleased indeed to loan any on the attached list to the University.

Trusting that we may be favoured with your commands in this connection, we are,

Yours faithfully,

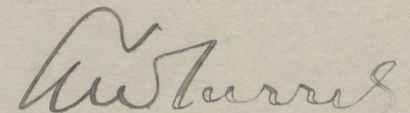


For VICKERS LIMITED.  
Canadian Agency.

LDP:IB.

ENCL.

*To Dean Adams,  
for your comment  
please.*





INDUSTRIAL FILMS

The Manufacture of Ordnance at the River Don Works, Sheffield	45 minutes	
The Brass Foundry, Naval Construction Works, Barrow-in-Furness	11	"
The Construction of a Steam Turbine at the Naval Construction Works, Barrow-in-Furness	15	"
Shipbuilding at the Naval Construction Works, Barrow-in-Furness and Naval Gun Trials at the Eskmeals Range.	20	"
X The Launch and Trials of a Floating Dock at the Naval Construction Works, Barrow-in-Furness.	10	"
The Trials of Airship R.80	10	"
The Bar Mill, Sheet Mill, Tube Mill, Crucible Melting Dept. and the Tilt Hammer Shop at the River Don Works, Sheffield	45	"
The Construction of Vickers-Vimy-Commercial Aeroplanes at Weybridge Works.	8	"
X A Flight from London to Amsterdam in a Vickers-Vimy-Commercial Aeroplane.	15	"
Vickers Historical Aeroplane Flights	15	"
The Vickers "Viking" Amphibious Aeroplane	20	"
A Flight from London to Southampton in a Vickers-Vimy Rolls Aeroplane. A flight over London in a Vickers Vimy Commercial Aeroplane. A Flight over Madrid in a Vickers Vimy Rolls Aeroplane	15	"
General Machining Operations at the Naval Construction Works Barrow-in-Furness	13	"
The Manufacture of Cartridge Cases at the Ward End Works Birmingham	15	"
The Manufacture of Fuses at the Ward End Works, Birmingham	15	"
<u>BRITH WORKS</u>		
The Woodworking Shop	}	15 "
General Machining Operations		
Assembling Adjustable Reamers		
Testing Vanadium Drills		
Turning Shells		
The Brass Foundry		
The Vickers Vimy Ambulance Aeroplane	8	"
A Flight over the South Coast of England in a "Valentia" Flying Boat	15	"



May 10th, 1923.

The Secretary,  
The War Office,  
London, S.W.1,  
England.

Sir:-

In reply to 43/Miscellaneous/4195 (S.D.3) of the Director of Staff Duties, dated 26th April, I have to state that the students in the course of Mechanical Engineering given at McGill University have practical instruction in the workshops during three years of their course. They also work in outside shops during the summer vacation, which extends just over four months.

I have no hesitation in giving it as my opinion that the amount of workshop practice which they get is the full equivalent to one year in a regular workshop.

I am, Sir,

Your obedient servant,

Principal.



**McGILL UNIVERSITY**  
FACULTY OF APPLIED SCIENCE

Dean's Office:

FRANK D. ADAMS., PH.D., D.Sc., F.R.S.—DEAN.

MONTREAL

May 9th.1923.

Sir Arthur Currie, G.C.M.G., K.C.B. LL.D.  
Principal,  
McGill University.

Dear Sir Arthur,

With reference to the enclosed documents, I may say that our students in the course of Mechanical Engineering have practical instruction in the Workshops during three years of their course. They also work in outside shops during the summer time between the sessions. I think, therefore, that we may say that the amount of workshop practice which they get is equivalent to one year in a regular workshop.

I remain,

Yours very sincerely,

*Frank D. Adams*



A.O. 214

1922  
continued.*McGill University, Montreal.*

B.Sc. with Honours in Civil or Mechanical or Electrical Engineering.

*B.*—Degrees which entitle candidates to antedate of approximately 12 months.

*London University.*

B.Sc. in Engineering (not including the B.Sc. in Engineering (Mining) or B.Sc. in Engineering (Metallurgy)) in the case of candidates who have passed (*a*) Matriculation Examination provided Advanced Mathematics and one of the subjects Mechanics, Chemistry or Physics be covered by the certificate or (*b*) Senior School Examination provided Elementary and Advanced Mathematics, History and Geography and one of the subjects Mechanics, Chemistry or Elementary Physics be covered by the certificate.

*McGill University, Montreal.*

B.Sc. in Civil Engineering (but not in Mechanical, Electrical, Metallurgical or Mining Engineering) in case of candidates who have passed the Engineering Matriculation Examination, provided Chemistry or Physics be covered by the certificate.

NOTE.—The foregoing amendments regarding the qualifications required for candidates for Commissions in the Royal Engineers will come into force for all candidates who have not registered themselves as candidates for Commissions prior to the date of this Army Order. Those candidates who have so registered will be considered for Commissions under the old regulations.



100  
Candidates  
6450

Provisional Regulations under which Commissions in the Regular Army may be obtained by University Candidates, 1920—Amendments.—1. Paragraph 6, line 5 of addition made by Army Order 43 of 1921. *After* “18 months” *insert*—

A.O. 214  
1922.

“The Commissions of accepted candidates for the Royal Engineers will be antedated, approximately, either 18 months or 1 year, according to the degree held by candidates, as laid down in Appendix V to these Regulations.”

Line 6. *After* “the” *insert* “Royal Engineers or”.

2. Paragraph 9. *For* sub-paragraph (d), as promulgated by Army Order 43 of 1921, *substitute*—

A.O. 214.  
1922.

(d) For a Commission in the Royal Engineers have taken a degree in Engineering as laid down in Appendix V.

3. *Insert* new Appendix :—

A.O. 214.  
1922.

#### APPENDIX V.

DEGREE REQUIRED FOR UNIVERSITY CANDIDATES FOR COMMISSIONS IN THE ROYAL ENGINEERS.

A.—Degrees which entitle the candidates to an antedate of approximately 18 months :—

##### *Oxford University.*

B.A., with Honours in Engineering Science Final Honours School.

##### *Cambridge University.*

B.A., Honours Mechanical Sciences Tripos.

##### *Edinburgh University.*

B.Sc. in Engineering.

##### *London University.*

B.Sc., with Honours in Engineering (not including the B.Sc. in Engineering (Mining) or B.Sc. in Engineering (Metallurgy).

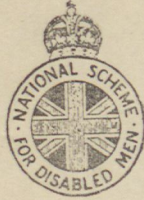
##### *Manchester University.*

B.Sc. with Honours in Engineering.



Tel. No.—\ict. 9400.

Any further communication on this subject should be addressed to:—  
The Secretary,  
The War Office,  
London, S.W. 1,  
and the following number quoted.



THE WAR OFFICE,  
LONDON, S.W. 1.

43/Miscellaneous/4195 (S.D.3)

26<sup>th</sup> April, 1923.

Sir,

I am directed to inform you it has been suggested that the provisions of the "Regulations under which commissions in the Regular Army may be obtained by University Candidates" should be extended to include commissions in the Tank Corps.

The suggested qualifications required of a candidate would be the same as those required for commissions in the Royal Engineers, as specified in Appendix V of the above-quoted regulations, with the addition that the degree of B.Sc. in Mechanical Engineering would also be accepted, provided the degrees therein mentioned included a minimum of one year's workshop training.

I am to ask if you would be so good as to state whether such a period of workshop training is already included in the Degree mentioned in Appendix V and, if not, to say if such training could be included in the future.

I am,

Sir,

Your obedient Servant,

*Mr. Rowan*  
*Hol*  
*ps*

*for* Director of Staff Duties.

The Principal,  
Mc.Gill University,  
Montreal,  
Canada

*To the Principal Adams*  
*7/5/23. Please suggest an answer*  
*Arthur*



43/Miscellaneous/4195 (S.D.3)

26<sup>th</sup> April, 1923.

Sir,

I am directed to inform you it has been suggested that the provisions of the "Regulations under which commissions in the Regular Army may be obtained by University Candidates" should be extended to include commissions in the Tank Corps.

The suggested qualifications required of a candidate would be the same as those required for commissions in the Royal Engineers, as specified in Appendix V of the above-quoted regulations, with the addition that the degree of B.Sc. in Mechanical Engineering would also be accepted, provided the degrees therein mentioned included a minimum of one year's workshop training.

I am to ask if you would be so good as to state whether such a period of workshop training is already included in the Degree mentioned in Appendix V and, if not, to say if such training could be included in the future.

I am,

Sir,

Your obedient Servant,

(Sgd.) W. D. S. Brownrigg

Lt. Col. G. S.

*for* Director of Staff Duties.

The Principal,  
Mc.Gill University,  
Montreal,  
Canada.



6  
February  
Seventeenth  
1922.

G.A. Wedgwood, Esq., M.Sc.,  
East London College,  
Mile End Road, E.1.  
London, England.

Dear Sir:-

I beg to acknowledge receipt  
of your letter of 2nd of February.

At present there is no vacancy  
in our Mechanical Engineering Department, but  
your application will be placed on file and  
if a vacancy should occur, it will receive due  
consideration.

Yours faithfully,

Principal.



31, COWCLIFFE HILL ROAD,

BIRKBY,

Huddersfield.

16<sup>th</sup> July 1923

The Principal,  
Mc Gill University,  
Montreal.

Dear Sir,

It is my intention  
to spend the long  
vacation this year in



31 COWLIFEE HILL ROAD,

BIRKBY,

Huddersfield.

visiting Canada and

I should be grateful

for your kind permission

to see the Engineering

Laboratories of the University.

I hope to arrive in



written on or about  
the 28<sup>th</sup> of this month.

Thanking you in  
anticipation I am, Sir,

Yours respectfully

Arthur F. Macconnachie

Senior Lecturer, Civil and  
Mechanical Eng. Dept.  
Huddersfield Tech. Coll.



Telephone the Dean's office  
& Mr Newton will get  
some one to show his man  
around.





MUNICIPAL TECHNICAL COLLEGE,

BLACKBURN. Sep. 26<sup>th</sup> 1931.

Telephone No. 5653.

Director of Education and Secretary,  
A. H. WHIPPLE, M.A., B.Sc.

Principal:  
F. J. HARLOW, B.Sc., F. Inst.P., A.R.C.Sc.

The Principal and  
Vice-Chancellor  
McGill University  
Montreal.

Dear Sir,

I beg to thank you for your  
kind letter of Aug. 17<sup>th</sup> in answer to mine  
of the 22<sup>th</sup> of June.

I am in no great hurry to go  
to Canada but unfortunately I know nothing  
of the other universities; yours being the only  
one that is generally known here, I think.  
My idea was simply to get a little lectur-  
ing work sufficient to enable me to keep my-  
self for, say, 3 or 5 years.

Again thanking you,

I remain  
Yours faithfully  
W. M. Wallace  
Head of Department of Engineering



EAST LONDON COLLEGE,

(UNIVERSITY OF LONDON.)

Telephone.  
3384, EAST.  
Telegrams  
EASLONCOL LONDON.

MILE END ROAD, E.1.

2nd Feb. 1922

Dear Sir,

Being desirous of taking up an appointment in a Canadian University, I write to ask you in the event of a vacancy occurring in mechanical engineering in your University would you be so good as to inform me.

My present appointment is Senior Demonstrator and lecturer in the Civil and Mechanical Engineering Department of East London College where I have been since September 1919.

My qualifications are briefly as follows:  
Age 34, B.Sc. (London) M.Sc. (Belfast)  
Whitworth Scholar. Practical Experience  
in Steam Power and Refrigerating Engineering  
both land and marine. Eng. Lieut.  
Special Reserve R.N. Over 7 years  
teaching experience  $3\frac{1}{2}$  years being spent  
in the Royal Naval College, Dartmouth



training Naval Cadets in Marine  
Engineering.

I shall be pleased to forward  
you copies of my qualifications and  
testimonial from Prof E. H. Lamb. M.Sc.  
Prof. J. H. Smith D.Sc. (Belfast) and  
Engt. Capt. Beun R. N.

I am, Sir,

Yours truly

G. Wedgwood.

The President

McGill University

Montreal.