

REGISTER OF ENGINEERS

Registration No.	Name	Qualifications for Registration	Address	Date of Registration	Reference No.
4169	KING, Stanley B.E.	B.Sc.	Auckland	25. 11. 68	5520
4170	SPENCE, Ross Denby B.E.	B.Sc.	Christchurch	25. 11. 68	5493
4171	GEOGHEGAN, John Peter B.E.	B.Sc.	Mangakino	25. 11. 68	5476
4172	TAPPER, Graeme Lindsay	B.Sc.	Invercargill	25. 11. 68	5512
4173	SMITH, Vernon Leigh B.E.	B.Sc.	Auckland	25. 11. 68	5496
4174	MORGAN, Peter John B.E.	B.Sc.	Tauranga	25. 11. 68	5492

Form for Admission as STUDENT

No.

3664

The New Zealand Institution of Engineers

RECEIVED

(Incorporated in 1921 as The New Zealand Society of Civil Engineers)

P.O. Box 5036, Wellington

OCT 1958

JAMES HOS BURSAR

GRAEME LINDSAY TAPPER

(to be set out in full in block letters, surname last)

ADDRESS FOR COMMUNICATIONS

15 LINDIE CREE OTEMATA

OTEMATA

Born on the 18th day of November 1932 of British nationality.

(Birth certificate or photographic copy should accompany this form)

and being desirous of admission as a Student of The New Zealand Institution of Engineers, I recommend him, from PERSONAL KNOWLEDGE, as worthy of that privilege and as coming within the Rules appertaining to that class, viz.: is at least sixteen years of age and is under twenty-eight years of age and is or has been bona fide IN THE COURSE OF PREPARATION AND TRAINING with the object of becoming engaged in the design, or in the construction, of such works as are comprised within the profession of an Engineer as defined by the Rules.

ADDITIONAL PARTICULARS

(Complete Section A or B according to which set of circumstances is applicable)

A. PARTICULARS REQUIRED IN RESPECT OF APPLICANTS FOR STUDENTSHIP WHO ARE NOT FULL-TIME PUPILS AT A UNIVERSITY SCHOOL OF ENGINEERING.

Initials of Proposer

1. Date of commencement of professional training
2. Term for which professional training is to continue } See letter attached
3. Employing Authority: Ministry of Works
(In the event of a change of employment The Institution must be notified promptly in order that thereafter the new employer may be asked for the annual report on progress in training.)
4. Name of engineer who has undertaken primary responsibility for professional training
5. Nature of agreement for professional training, e.g. cadetship, pupilage, apprenticeship, etc.
(A copy of the document evidencing this, or of that part relating to training, should accompany this form.)
6. Nature of duties performed up to time of application: Soil testing

7. Examinations passed: Engineering Intermediate, 1st Professional of B.E. Degree

8. Particulars of professional studies, when commenced, where pursued, and examination being prepared for: commenced 1952, Canterbury University College

B. PARTICULARS REQUIRED IN RESPECT OF APPLICANTS FOR STUDENTSHIP WHO ARE FULL-TIME PUPILS AT A UNIVERSITY SCHOOL OF ENGINEERING.

1. When enrolled
2. Examinations passed
3. Examinations being prepared for

Dated this 22nd day of October 1958.

Signature of the Proposer who must be a Corporate Member of the Institution

[Handwritten Signature]

MNZIE or AMNZIE

Not to be signed by the candidate

OBLIGATION AND CERTIFICATE

(To be completed by the Candidate before the Form is sent to the Secretary)

I, the undersigned, agree that in the event of my admission to membership of any class in the NEW ZEALAND INSTITUTION OF ENGINEERS, I will be governed by the By-Laws of The Institution, as they now are, or as they may hereafter be altered; and that I will advance the objects of The Institution as far as shall be in my power; provided that whenever I shall signify in writing to the Secretary that I am desirous of withdrawing from The Institution, I shall, after the payment of any arrears which may be due by me at that period, be free from this obligation.

I certify that the particulars inserted in this form are correct.

Signature of Candidate G. L. Tappin

Date 13 Oct. 1959

To be filled
up by the
Council.

The Council, having considered the above recommendation, admit the applicant
as a Student of THE NEW ZEALAND INSTITUTION OF ENGINEERS.

Passed by the Council 10th Nov. 1959

(Signed) [Signature] Chairman

Extract from the Rules of the Institution:

9. Students shall be persons not under sixteen years of age who are or have been pupils, apprentices, or assistants under agreement of Corporate Members of this Institution or of Engineers of standing recognized as such by the Council, or who are Engineering Cadets in the service of the Government or of any local authority, or who are receiving full-time instruction in an engineering school or college, or are undergoing such other similar experience and/or tuition as may be approved by the Council and have received or intend to receive regular training in some one of the Branches constituting the profession of an engineer and have passed such examinations or acquired such standard of attainment in the subjects of general education as may be prescribed by the Council's rules for the time being, but whose qualifications at the time of application for admission do not satisfy the provision of Rule 8 for Graduates.

Except as hereinafter provided, no person shall be admitted or remain a Student after the completion of the calendar year in which he attains the age of twenty-eight, except that the Council may at its discretion and to meet unusual circumstances extend this age limit to thirty years.

Provided that in the case of any person who has served in time of war in the New Zealand or other British Dominion or Imperial Forces, the foregoing age limits may at the Council's discretion be extended by a period equal to that served by him in the Forces.

S - G

RECEIVED N.Z.I.E.
(Incorporated)
 RECEIVED
 APR 1967

No. 7577

Proposal for Election as GRADUATE

The New Zealand Institution of Engineers
(Incorporated in 1914 as the New Zealand Society of Civil Engineers)

Name GRAEME LINDSAY TAPPER
(to be set out in full in block letters, surname last)

Permanent Address 165 Ritchie St Invercargill

Date of Birth 18/11/32 (copy of birth certificate) Place of Birth Christchurch

University Attended Canterbury University College

Examinations Passed 1st Prof. B.E. 1955
(State dates) (Photocopy of degree certificates should accompany this form)

Technical Institute Attended _____

Examinations Passed PART II NZIE Oct 1966
(State dates) (Photocopy of diploma or certificate should accompany this form)

GIVE DETAILS OF ENGINEERING TRAINING RECEIVED PRIOR TO COMPLETION OF QUALIFYING EXAMINATION

At C.U.C 1952-54, Technician M.O.W Benmore Power Project
1958-62, Technician Canterbury University 1963, Ready
Mixed Concrete 1964-65, Asst Engineer E.R Garden & Partners 1965-

GIVE DETAILS OF ENGINEERING EXPERIENCE GAINED SINCE COMPLETION OF QUALIFYING EXAMINATION:

as below

NAME OF PRESENT EMPLOYER:

E.R Garden & Partners Invercargill

NATURE OF DUTIES:

Some of the structural design, site supervision and
inspection of works done by the Invercargill office of
E.R Garden & Partners

I, the undersigned, agree that in the event of my election to membership of any class in the New Zealand Institution of Engineers, I will be governed by the Rules and Regulations of the Institution as they are or as they may hereafter be altered; and that I will advance the objects of the Institution as far as shall be within my power.

I certify that the statements on this form are correct.

Signature of Candidate

A. L. Japper

Signature of Proposer who must be a Corporate Member of the Institution

[Signature]

Name of Proposer in Block Letters

C. J. Mc FARLANE

Date

13 MARCH 1967

To be filled up by the Council

The Council, having considered the above recommendation, admit the applicant as a Graduate of THE NEW ZEALAND INSTITUTION OF ENGINEERS.

Passed by the Council

(Signed)

[Signature] 1967

Chairman

Extracts from the Rules of the Institution.

Rule 5.6.1. Each candidate for election or transfer to the class of Graduate shall possess the following qualifications or be exempted in accordance with Rule 5.8.

- (a) He shall be not under 21 or over 30 years of age provided that an applicant who because of a previous upper age limit for Graduates cease to be a member may be re-admitted as a Graduate.
- (b) He shall possess one of the following qualifications:
 - (i) He shall hold a degree in engineering of a university approved by the Council; or
 - (ii) He shall hold such other university degree as may be approved by the Council; or
 - (iii) He shall have passed the Institution Examination or an exempting examination approved by the Council.
- (c) He shall satisfy the Council that he has received or is receiving regular and proper training in accordance with the Training regulations.

5.6.2. No person shall remain a Graduate after becoming eligible for election to corporate membership or after becoming a registered engineer in accordance with the Engineers' Registration Act 1924.

Received

FORM FOR ELECTION AS FELLOW OR MEMBER

No. 8045

THE NEW ZEALAND INSTITUTION OF ENGINEERS

(Incorporated 10th June, 1914, as the New Zealand Society of Civil Engineers)

P.O. Box 5036, WELLINGTON.

Christian and Surnames and Address in full with date of birth, and Nationality.

I, Graeme Lindsay TAPPER of 165 Ritchie St Invercargill born on the 18th day of Nov 1932 of British nationality wish to become a Corporate Member of the above

State Period.

Institution. I have been educated and trained for the profession of an Engineer, and have been, since the completion of my training, engaged in the design, execution or operation of such works as are comprised within that profession for a period of 3 years.

State present position or occupation.

I am at present engaged as Assistant Engineer

If a present or former Student or Graduate

I was admitted a Student of the Institution in the year 1960(?)

I was admitted a Graduate of the Institution in the year 1967

State if a member of any other Engineering Society, and date of election.

I am a member of the following Engineering Society/Societies:—

Nil

I believe myself to be a proper person to be elected a Corporate Member of the Institution and do hereby promise that, in the event of my election, I will be governed by the Rules, Bylaws and Regulations for the time being in force, or as they may hereafter be altered, amended, or enlarged; and that I will promote the objects of the Institution as far as may be in my power.

Dated this 4th day of Nov 1968

(Signed) G. L. Tapper

The Applicant is required to state, in the following spaces, the names of at least four Corporate Members (not being Members of Council) of the Institution, whom he considers to be qualified from personal knowledge to support his application when called upon by the Council to do so.

C. J. McFarlane (F) D. S. Brathwaite (M)
M. L. Gadd (M) G. C. S. White (M)

To be filled in by the Council.

The Council, having considered and voted by letter ballot on the above proposal, decided by a two-thirds majority on the 27 MAR 1969 day of 19, that the Applicant should be elected as a ~~Fellow/Member~~ that the application be rejected/postponed.

Signed R. W. K. Stewart
Chairman

(Particulars to be filled in below, as far as they apply to the Applicant.)

The particulars must accord precisely with the requirements indicated, and the form must not be altered in any way.

EDUCATION.

		(YEAR)		(YEAR)
Name School or College	General Education at <u>Coch West High School</u>		to	
	<u>& Waitaki BHS</u>			
		1944		1950
Name University, College or Technical School (Day or Evening Courses)	Course of Scientific Engineering Study at <u>Canterbury U.S.</u>			
	<u>Private Study</u>			
		1952		1955
		1961		1966

for a period of years.

PRACTICAL TRAINING.

	Pupillage, Apprenticeship, or other Practical Training under			
State Names of Engineer or Engineers	<u>Practical Training as Technician</u>		to	
	<u>M.O.W.</u>			
		1958		1963
State approximate aggregate periods.	for a total period of years in the Office.			
	and of <u>5</u> years in or on Works.			

Not Required of University Graduates.

EXPERIENCE AS AN ASSISTANT.

State Names of Engineer or Engineers	Under <u>C.J. McFarlane</u>	<u>Oct 1965 to Date</u>

State approximate aggregate periods.	for a total period of <u>2</u> years in the Office	
	and of <u>1</u> years in or on Works	

as set forth in this statement.

EXAMINATIONS.

(Note—Original evidence of exempting qualifications or photostat copies must be produced, unless already registered with the Institution.)

University Degree: _____ Date _____
(State whether Civil, Mech. Elec. etc.)

Institution Examination:

Passed—John 1441

Part II 5 Subjects 1965 Completed Remaining Date 1966

Exempting Examinations* _____ Date _____

Professional Interview:

Passed—Yes Date 1968

*Note: Exempting examinations are those qualifying for corporate membership of the Institutions of Civil, Mechanical or Electrical Engineers or examinations recognised as exempting examinations by those Institutions.

STATEMENT OF ENGINEERING EXPERIENCE, APART FROM PUPILAGE, APPRENTICESHIP OR OTHER PRACTICAL TRAINING UNDER AGREEMENT

Dates
(Years)

This statement of the applicant's engineering experience should show concisely the works upon which he has been engaged since the completion of his training, with some indication of their magnitude; also the names of the engineers under whom he has served, and the positions he has occupied.

(Note: If Form 21B has already been submitted it will only be necessary to record experience gained subsequent to the last date shown on Form 21B.)

As for Form 21B to Oct 1968. Since then,
design & drawings for 23000 ft² of simple
space frame bulk bin storage roof and 2400 ft²
Sulphur store

Note: The Institution does not accept responsibility for the loss of, or damage to, any original documents forwarded with this application.

THE SECRETARY,
N.Z. INSTITUTION OF ENGINEERS,
P.O. BOX 5026,
WELLINGTON, C.I.



Re: Graeme Lindsay TAPPER

(Full name of candidate)

My answers and comments on the above applicant for corporate membership of the New Zealand Institution of Engineers are:—

1. For how long have you known the applicant personally? 5 YEARS.
2. In what connection have you known him?
 - (i) Mostly social and general business
 - (ii) Mostly technical and engineering ✓
 - (iii) Equally (i) and (ii)

(Check Appropriate One)
3. Do you consider the applicant a proper person by character and reputation to become a corporate member? YES
4. Do you consider the applicant to be suitable from the professional point of view for election to corporate membership? YES
5. Have you any other comments? I first met Mr Tapper when he was an employee of a precast concrete firm supplying concrete to a large reservoir
(continue on back if necessary)

Name and address:—

Signature

Name in Block Letters

C. J. MCFARLANE

Grade of Membership

FELLOW.

Date

4 Nov '68.

for which we were consulting engineers.

He was most knowledgeable in this ^(category) field, and made a significant contribution to the main contractor's effort.

Since 1965 he has been an employee of this firm. During this period he has been responsible to me for the design and supervision of a large considerable number of engineering structures.

J. G.

SECRETARY,
INSTITUTION OF ENGINEERS,
BOX 5038,
WELLINGTON, C.I.



Re: Graeme Lindsay TAPPER (Full name of candidate)

My answers and comments on the above applicant for corporate membership of the New Zealand Institution of Engineers are:--

1. For how long have you known the applicant personally? 10 yrs
2. In what connection have you known him?
- (i) Mostly social and general business
 - (ii) Mostly technical and engineering
 - (iii) Equally (i) and (ii)
- (Check appropriate Case)

3. Do you consider the applicant a proper person by character and reputation to become a corporate member? Yes

4. Do you consider the applicant to be suitable from the professional point of view for election to corporate membership? Yes

5. Have you any other comments?
I am very pleased to support this proposal for election.

(continue on back if necessary)

Name and address: --

Signature D. J. Beethwell
Name in Block Letters D. J. Beethwell
Grade of Membership MEMBER
Date 5/11/68

REGISTER OF ENGINEERS

502

Registration No.	Name	Qualification for Registration	Address	Date of Registration	Reference No.
2993	Hugh Arthur WARD	6 (i) c.	Lower Hutt	1/8/61	3572.
2994	Graeme Alistair LEGGAT B.E.	6 (i) c.	Wellington	1/8/61	4261
2995	George Stanley ROBERTSON	6 (i) c.	Wellington	1/8/61	4259.
2996	Bryon Charles BLUCK B.E.	6 (i) c.	Wellington	1/8/61	4257
2997	John Michael RHODES B.E.	6 (i) c.	Wellington	1/8/61	4262.
2998	Graeme William PRESS	6 (i) c.	Upper Hutt	1/8/61	4268
2999	Hugh William O'DALY B.E.	6 (i) c.	Hamilton	1/8/61	4039

The New Zealand Institution of Engineers

(Incorporated in 1914 as The New Zealand Society of Civil Engineers)

P.O. Box 504, Wellington

N.Z.I.E.
 MEMBERSHIP
 6 MAY 1958
 SURNAME

Bryan Charles Bluck

ADDRESS FOR COMMUNICATIONS *c/o. Ministry of Works, Blenheim*

born on the 3rd day of June 1935, British nationality.

and being desirous of admission as a Graduate of The New Zealand Institution of Engineers, I recommend him from PERSONAL KNOWLEDGE as worthy of that privilege, and as coming within the Rules appertaining to that class, and is at least twenty-one years of age and is under thirty years of age and is or has been *at no time* IN THE COURSE OF PREPARATION AND TRAINING with the object of becoming engaged in the design, or in the construction, of such works as are comprised within the profession of an Engineer as defined by the Rules.

ADDITIONAL PARTICULARS

Initials of Proposer

1. Examinations passed, with dates of completion and where professional studies pursued
B.E. (Civil) Canterbury University College (1957)

2. Particulars of professional training received prior to completion of qualifying examination
Practical work requirements for degree

3. Particulars of engineering experience gained since completion of qualifying examination
Surveying & Setting out on Wairau River Bridge & acting as Clerk of Works in absence of Overseer.

4. Present employing authority Ministry of Works

5. Nature of present duties as for These

Dated this 2nd day of May 1958

Signature of the Proposer who must be a Corporate Member of the Institution

M. Stevenson

MEMBER or AMNZIE

See overhead for undertaking to be signed by the Candidate

OBLIGATION AND CERTIFICATE

To be completed by the Candidate. See the Form sent to the Secretary.

I, the undersigned, agree that in the event of my admission to membership of any class in the NEW ZEALAND INSTITUTION OF ENGINEERS, I will be governed by the By-Laws of The Institution as they now are, or as they may hereafter be altered, and that I will advance the objects of The Institution as far as shall be in my power, provided that whenever I shall signify in writing to the Secretary that I am desirous of withdrawing from The Institution, I shall, after the payment of any arrears which may be due by me at that period, be free from this obligation.

I certify that the particulars inserted in this Form are correct.

Signature of Candidate: W. C. Harris

Date: 1/5/58

To be filled up by the Council

The Council, having considered the above recommendation, admit the applicant as a Graduate of THE NEW ZEALAND INSTITUTION OF ENGINEERS

Passed by the Council: 10th June

1958

(Signed

W. C. Harris

Chairman 26-7-58

Extract from the Rules of the Institution

8. Graduates shall be persons not under twenty-one years of age who, in the opinion of the Council, are making satisfactory progress in the acquisition of qualifications for Associate Membership, by—

(a) Passed such sections of the examination for Associate Membership as may be prescribed by the Council examination rules for the time being or such exempting examinations as may from time to time be approved by the Council under such Rules; and

(b) Satisfied the Council that they have received, or are receiving, regular training in some one of the branches of the profession of an Engineer as would be the course in which a candidate is employed as professional Engineer.

Except as hereinafter provided, no person shall be admitted a Graduate or transferred to the class of Graduate after the completion of his third year, or remain a Graduate after the completion of his fifth year.

Provided that in the case of any person who has served in the New Zealand or other British Dominion or Imperial Forces, the foregoing age limits may, at the discretion of the Council, be extended by a period equal to the period he has served in the Forces.

N.Z.I.E.

Received VED 13 JUN 1961

FORM FOR ELECTION AS MEMBER OR ASSOCIATE MEMBER

No. 10112

THE NEW ZEALAND INSTITUTION OF ENGINEERS

(Incorporated with effect from 1st June, 1954, as the New Zealand Society of Civil Engineers)

18 ALBERT TERRACE, WELLINGTON (P.O. Box 456)

Christian and
Surnames and
Address in full
with date of
birth and
Nationality

Bryan Charles Bluck

10th Clermont Terrace Wellington born on the 3rd day of June 1935

British nationality, wish to become a Corporate Member of the above Institution. I have been educated and trained for the profession of an Engineer, and have been, since the completion of my training, engaged in the design, execution or operation of such works as are comprised within that profession for a period of 3 1/2 years.

State period

State present
position or
occupation

I am at present engaged as an Assistant Engineer in the Power Design Office of the Ministry of Works.

If a present
or former
Student or
Graduate

I was admitted a Student of the Institution on (Date) _____

I was admitted a Graduate of the Institution on (Date) 10th June 1958

State if a
member of
any other
Engineering
Society, and
date of
election

I am a member of the following Engineering Society _____

Student Member of the Institution
of Civil Engineers (Jan 1958)

I believe myself to be a proper person to be elected a Corporate Member of the Institution and do hereby promise that, in the event of my election, I will be governed by the Rules, Bylaws and Regulations for the time being in force, or as they may hereafter be altered, amended, or enlarged; and that I will promote the objects of the Institution as far as may be in my power.

Dated this 12th day of June 1961 (Signed) B.C. Bluck

The Applicant is required to state, in the following spaces, the names of at least five Corporate Members (not being Members of Council) of the Institution, whom he considers to be qualified from personal knowledge to support his application when called upon by the Council to do so.

Mr. N. W. Collins
Mr. R. W. J. Footes
Mr. A. S. Goodyear

Mr. E. W. Heinz
Mr. H. J. F. Kennedy

To be filled
in by the
Council

The Council, having considered and voted by letter ballot on the above proposal, decided by a two-thirds majority on the 8 day of August 1961 that the Applicant should be elected a ~~Member~~ an Associate Member / that the application be rejected/postponed

Signed *[Signature]*
Chairman

(Particulars to be filled in below, as far as they apply to the Applicant.)

The particulars must accord precisely with the requirements indicated, and the form must not be altered in any way.

EDUCATION.

	(YEAR)	(YEAR)
Name School or College: General Education at <u>Nelson College</u>	1950	to 1953
Name University, College, or Technical School (Day or Evening Courses): Course of Scientific Engineering Study at <u>Canterbury University College</u>	1954	1957

for a period of four years.

PRACTICAL TRAINING.

State Name of Engineer or Engineers: Pupilage, Apprenticeship, or other Practical Training under _____ to _____

State approximate aggregate periods: for a total period of _____ years in the Office, and of _____ years in or on Works.

Not Required of University Graduates.

EXPERIENCE AS AN ASSISTANT.

State Name of Engineer or Engineers	Period
Under <u>Mr. A. McO. Stevenson</u>	<u>Oct. 1957</u> to <u>Sept. 1958</u>
<u>Mr. J. H. Fyson</u>	<u>Sept. 1958</u> to <u>Jan. 1959</u>
<u>Mr. A. McO. Stevenson</u>	<u>Feb. 1959</u> to <u>Dec. 1959</u>
<u>Mr. E. W. Huine</u>	<u>Jan. 1960</u> to <u>June 1961</u>

State approximate aggregate periods: for a total period of 1 1/2 years in the Office and of 2 years in or on Works as set forth in this statement.

EXAMINATION.

State date: Passed the Institution's Examination applying to Associate Members or An Exempting Examination Date May 1961

State degree and date: Or Obtained an Exempting Degree: B. E. (Civil) Date May 1958

NOTE: The Examination recognised by the Council is that of The New Zealand Institution of Engineers. Exempting Examinations are those qualifying for Associate Membership of the Institutions of Civil, Mechanical or Electrical Engineers, England, or Examinations recognised as Exempting Examinations by those Institutions.

Note: The Institution does not accept responsibility for the loss of, or damage to, any original documents forwarded with this application.

STATEMENT OF ENGINEERING EXPERIENCE, APART FROM PUPILAGE, APPRENTICESHIP,
OR OTHER PRACTICAL TRAINING UNDER SUPERVISOR

Dates (Years) This statement of the Applicant's Engineering Experience should show concisely the works upon which he has been engaged since the completion of his training, with some indication of their magnitude, also the names of the Engineers under whom he has served, and the positions he has occupied.

Dec. 1957 to Sept. 1958 Assistant Engineer for the Ministry of Works on the construction of the Warren Bridge - Blenheim
Under Mr. A. McD. Stevenson.

Sept. 1958 to Jan. 1959 Assistant Engineer with the Ministry of Works on the Wellington Airport Construction
Under Mr. J. H. Eysen.

Feb. 1959 to Dec. 1959 Assistant Engineer, Ministry of Works, Blenheim
General District Office Work
Under Mr. A. McD. Stevenson.

Jan 1960 to June 1961 Assistant Engineer, Power Design Office
Ministry of Works, Wellington. Design work on the Aratiatia Power Project
Under Mr. E. W. Heine.