

Issue 76 2021

MARCH E-NEWS

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BOARD OF
**PROFESSIONAL
ENGINEERS**
OF QUEENSLAND

Protecting the public and setting the standard of engineering.



A word from the Chair

Lack of confidence is not what is holding women in STEM back, according to new research from Dawn Bennett, Sherry Bawa and Subramaniam Ananthram. Their research report – *Gendered differences in perceived employability among higher education students in STEM and non-STEM disciplines* – found that women students in STEM are equally as confident as men in their problem-solving and decision-making, goal-directed behaviour, self-esteem, career exploration and career awareness. Women in STEM often also had a ‘plan B’ for their career. So, if lack of confidence is not an issue what might boost the number of women in STEM? Bennett, Bawa and Ananthram point to the need for positive educational and professional experiences and role models. At BPEQ, we have often highlighted role models in engineering to connect with and encourage others into the profession and to seek registration.

'...the need for positive educational and professional experiences and role models.'

A great role model is former RPEQ Else Shepherd AM. Else has had quite a remarkable career and is a great engineering advocate. In the lead up to [International Women's Day](#) BPEQ spoke to Professor Shepherd about her career, what drew her to engineering and what could be done to better attract women into our profession.

BPEQ is in ongoing discussions with representatives of the New South Wales and Victorian governments about implementation of registration schemes in those states. We have also welcomed representatives from Western Australia and the Australian Capital Territory to take part in our interstate working group. My understanding is that there is a shared view between all participants that automatic mutual recognition (**AMR**) cannot work without a standardised regulatory framework for engineers across jurisdictions. BPEQ will continue to advocate the RPEQ scheme and our view on AMR to government and industry. Mutual recognition and its impact on engineers will be a core focus of this working group going forward.

The registration renewal period for 2021-22 begins 1 April. RPEQs will have until 31 May to renew their registration and pay their fees. I am told that the Registrations and Corporate Services Unit has been busy working to iron out the kinks in the online renewal portal so that the process of renewal is as quick and easy as possible. We will also introduce electronic practising cards, which RPEQs can download from their 'My Account'. Issuing the practising card electronically cuts down on plastic waste and stops delays in RPEQs receiving it.

If we can provide further information or assistance, please contact BPEQ at admin@bpeq.qld.gov.au or call 07 3210 3100.

DAWSON WILKIE
Chair and regional representative

The PE Act for corporations, company officers, managers, local and state government

During BPEQ's [seminars and meetings with local government](#) several questions have been asked about the relevance of the *Professional Engineers Act 2002 (PE Act)* for organisations.

The PE Act requires that individuals who carry out professional engineering services must either be a registered professional engineer of Queensland (**RPEQ**) or be directly supervised by a RPEQ. However, the PE Act also applies to corporations and their officers (e.g. directors), managers and other persons who procure or direct persons to carry out professional engineering services.

Potential Criminal Responsibility

It is an offence under section 115 of the PE Act¹ for a person to carry out 'professional engineering services' if the person is not a RPEQ nor directly supervised by a RPEQ (unless the professional engineering service is carried out only in accordance with a 'prescriptive standard'²). At law, a 'person' includes a corporation. This means that a corporation can also be found guilty of this offence where a court finds the corporation criminally responsible for the unregistered person/s carrying out professional engineering services.

Similarly, the Criminal Code of Queensland provides that another person can be found guilty of this offence where they aid, counsel or procure³ a person to commit that offence or where they have 'common purpose' with another

person to commit that offence⁴. These provisions in the Criminal Code are sometimes referred to as the 'extensions of criminal responsibility'.

For this reason, corporations, corporate officers and managers who have persons in their corporation or team who carry out professional engineering services should be aware of the requirements of the PE Act and the offence provision in section 115 of the PE Act.

The law relating to corporate criminal responsibility and extensions of criminal responsibility is complex and BPEQ is unable to give legal advice in relation to it. Corporations/ corporate officers, principals of engineering firms and managers may wish to seek legal advice regarding their responsibilities under the PE Act and their compliance with the same.

Corporations and managers who require their staff to carry out professional engineering services should ensure that their corporate and/or team structures contain sufficient RPEQs (who are registered in the area/s of engineering which apply to services being carried out) to directly supervise unregistered engineers or other unregistered persons who carry out professional engineering services.

Financial and other Legal Implications

Companies and individuals should also be aware that where unregistered person/s carry out professional engineering

¹ See section 115(1) of the *Professional Engineers Act 2002 (PE Act)*.

² For guidance as to the meaning of 'professional engineering service' and 'prescriptive standard' see the definition in Dictionary, Schedule 2 of the PE Act and Board Practices notes regarding same (available under the 'resources'/'practice notes' tab on BPEQs website).

³ See *Criminal Code* (Qld):

Section 7 Principal offenders

1. When an offence is committed, each of the following persons is deemed to have taken part in committing the offence and to be guilty of the offence, and may be charged with actually committing it, that is to say:
 - a. every person who actually does the act or makes the omission which constitutes the offence;
 - b. every person who does or omits to do any act for the purpose of enabling or aiding another person to commit the offence;
 - c. every person who aids another person in committing the offence;
 - d. any person who counsels or procures any other person to commit the offence.

2. Under subsection 1 (d) the person may be charged either with committing the offence or with counselling or procuring its commission.

3. A conviction of counselling or procuring the commission of an offence entails the same consequences in all respects as a conviction of committing the offence.

4. Any person who procures another to do or omit to do any act of such a nature that, if the person had done the act or made the omission, the act or omission would have constituted an offence on the person's part, is guilty of an offence of the same kind, and is liable to the same punishment, as if the person had done the act or made the omission; and the person may be charged with doing the act or making the omission.

⁴ See *Criminal Code* (Qld):

Section 8 Offences committed in prosecution of common purpose

When 2 or more persons form a common intention to prosecute an unlawful purpose in conjunction with one another, and in the prosecution of such purpose an offence is committed of such a nature that its commission was a probable consequence of the prosecution of such purpose, each of them is deemed to have committed the offence.

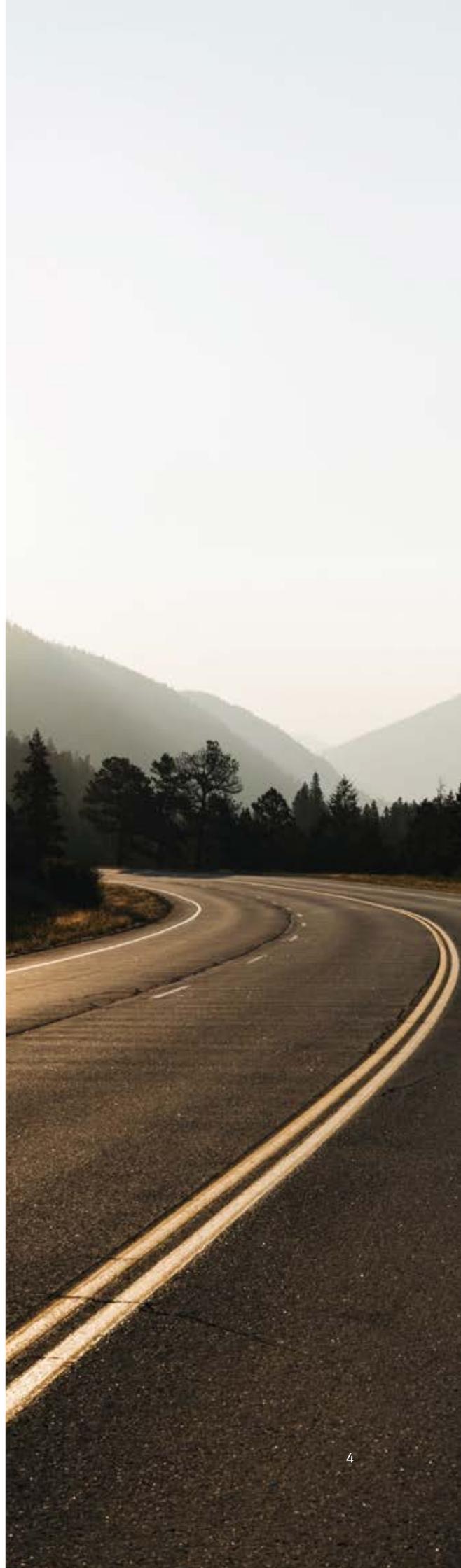
services without direct supervision, the person/s, firm or corporations may not be entitled to be paid for those services irrespective of any contract requiring payment. See section 141 of the PE Act and Supreme Court decisions in *Agripower Australia Ltd v Queensland Engineering & Electrical Pty Ltd & Ors* [2015] QSC 268⁵.

There may be other financial and legal risks of using unregistered persons to carry out professional engineering services – a report which involves professional engineering services is relied on to justify a decision with legal implications (e.g. whether to approve an insurance claim or whether to pay money under a contract). If the person who provided that report is not a RPEQ (nor was directly supervised by one) that decision may not hold up on review by a court or other review authority because the person who provided the report was not legally entitled to carry out professional engineering services in or for Queensland.

This article is a republication. It originally appeared in BPEQ's October 2018 e-news.

5 141 Performance and carrying out of professional engineering services by particular entities

1. This section applies to—
 - a. a person who is not a practising professional engineer if the person, in performing, or undertaking to perform, professional engineering services for someone (the client)—
 - i. claims, or holds himself or herself out, to be a practising professional engineer; or
 - ii. allows himself or herself to be held out as a practising professional engineer; or
 - b. another person if—
 - iii. the person, in providing, or undertaking to provide, professional engineering services for someone (also the client) claims, or holds out, that the services are carried out, or to be carried out, by or under the supervision of a practising professional engineer; and
 - iv. the services are not carried out by or under the direct supervision of a practising professional engineer who is responsible for the services.
2. Despite any agreement between the person and the client, the person is not entitled to any monetary or other consideration for the performance or carrying out of the professional engineering services.
3. For this section a person carries out professional engineering services under the direct supervision of a practising professional engineer only if the engineer directs the person in the carrying out of the services and oversees and evaluates the carrying out of the services by the person.



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[E-NEWS FEEDBACK SURVEY](#)

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WE WANT

YOUR

FEEDBACK

UPCOMING

CPD courses and conferences

Continuing Professional Development (CPD)

Online: 23 April 2021

Hosted by Engineers Australia

1 CPD hour

Assessing Heavy Vehicle Access to Bridges

Brisbane: 21 April 2021

Hosted by IPWEAQ

Up to 7 CPD hours

How the EWB Challenge Develops Professional Skills for Participants

Online: 13 April 2021

Hosted by Engineers Australia

1 CPD hour

Demystifying extended design domain (EDD) applications

Brisbane: 16-17 June 2021

Hosted by IPWEAQ

Up to 14 CPD hours

Values & Purpose - Building Strong Career Foundations

Online: 13 April 2021

Hosted by Engineers Australia

1 CPD hour

Else Shepherd

AM FTSE Hon.FIEAust

— A pioneer in the truest sense

Engineer, pianist, lecturer, Queensland Engineer Hall of Fame inductee, Member of the Order of Australia, Else Shepherd has had an illustrious career.



Continue to the next page to read our interview with Else Shepherd.



The term 'pioneer' can be overused these days but is entirely appropriate for Else who was one of the first female electrical engineers in Queensland, graduating with Honours from the University of Queensland in 1965.

After graduation she worked at the Sugar Research Institute in Mackay as an operation research engineer. She would go on to found companies, chair Powerlink, sit on the Board of National Electricity Market Management Company, Brisbane City Works Advisory Board and the International Electrotechnical Commission Council Board and lecture at the University of Queensland, Queensland University of Technology and Griffith University.

Aside from engineering, Else has made significant contributions to the arts in Queensland. In 1984 she studied choral conducting at the Queensland Conservatorium of Music, receiving a graduate Diploma in Music. She has been a choral conductor and director of arts organisations, including chair of the board of Camerata of St Johns, a professional string orchestra.

In 2021, one of the Cross River Rail tunnel boring machines was named in her honour; the latest recognition in an outstanding career.

BPEQ spoke with Else for International Women's Day:

What drew you to study and work in engineering, which at the time was a very male dominated field?

As a teenager I was fascinated first by bridges and later by space exploration. I remember standing in the garden with my Dad seeing the first Sputnik in the night sky and thinking, I want to be part of that.

I loved maths and science and engineering seemed the best direction for me.



Sugar Research Institute, West Mackay, 1966. Image courtesy of Queensland State Archives.

What was it like and how did it feel to be one of the first two women to graduate in electrical engineering in Queensland?

The first couple of years at university were hard because the boys didn't want us there. But the final years were fine and I graduated looking forward to an exciting career as an engineer.

What was it like as one of two female engineers in Queensland at the time? Were there any barriers that you had to overcome?

The main difficulties were social. In 1965, as a married woman, I was not expected to work, especially not in a male-dominated field and especially not in factories in the sugar industry. I recognised that it was difficult for my male colleagues to have a woman working with them. Everyone today talks about the importance of mentors, but this is a modern concept. I had no mentor.



The massive tunnel boring machines used to dig under the city have been named after two ground-breaking women: pioneering feminist Merle Thornton, and trailblazing engineer Else Shepherd AM. Image sourced from [Annastacia Palaszczuk \(Twitter\)](#).

I overcame work barriers by becoming proficient at skills that were needed in the sugar industry. It is funny how attitudes change when you're a needed and valuable resource.

You have received many accolades throughout your career, including forming two companies, sitting on the boards of many organisations, lecturing at universities, and even receiving a Graduate Diploma of Music at the Queensland Conservatorium. Throughout your extensive career what have been your greatest engineering and non-engineering achievements?

That's too difficult a question! In engineering I was especially pleased to be awarded the Peter Nicol Russell Medal and to be made an Honorary Fellow of Engineers Australia. In music, for some years I was a board member and then chair of Camerata of St Johns, a professional string orchestra. I played a large part in the early days of building up the orchestra to become a leading ensemble in the Australian professional music scene.

As one of the first two women in Queensland to graduate in electrical engineering, you paved the way for others. What advice would you give to aspiring engineers who want to break the status quo or overcome certain barriers?

Don't accept that there are barriers. Just forge ahead but be good at what you do. Have a sense of humour and be forgiving.

It is funny how attitudes change when you're a needed and valuable resource.

If you were able to go back in time and tell your soon-to-be-graduated-self one thing, what would that be?

Keep enjoying the company of your girlfriends. They can be your best support.

Currently, just over seven percent of Registered Professional Engineers are female, while the estimated percentage across the profession sits at 12 percent. What do you think needs to be done to attract more women to a career in engineering?

More visible role models would help a great deal. They must be visible to school children of all ages and to society in general, particularly to mothers. More discussion in school classrooms about engineering would make a big difference. "science" is a common word in schools but "engineering" isn't.

To find out more about International Women's Day visit www.internationalwomensday.com



2021 INFRASTRUCTURE PRIORITY LIST

The latest Infrastructure Priority List features 44 new investment opportunities, a record number of new additions, alongside another 136 opportunities. The 2021 Priority List is based on Infrastructure Australia's regular Australian Infrastructure Audit but also the singular Infrastructure Beyond COVID-19 report, and submissions from state and territory governments, industry and the community.

In curating the list, Infrastructure Australia have adopted four key themes:

- **International gateways:** Opportunities to develop export gateways to support our international competitiveness.
- **Supporting regional communities:** The Priority List places a strong focus on economic development and service quality for remote and regional communities. This includes proposals to drive digital connectivity, internet quality and digital health services.
- **New sources of energy:** New proposals to expand the role of renewable energy in the National Electricity Market, enable hydrogen exports, invest in dispatchable energy sources and provide renewable energy to remote communities in the Northern Territory.
- **Water security:** Proposals to support water security in Perth and Greater Sydney; and to secure and utilise productive water in the Bowen Basin, South East Melbourne and the Barossa Valley.

Dispatchable energy storage and renewable energy zone expansions as part of the national electricity market and regional telecommunications transmission capacity are added to the Priority List as national high priority initiatives. At a state level, level crossing congestion and safety work in South East Queensland is added.

New national priority initiatives include infrastructure for hydrogen exports, inter-state rail improvements and Outback Way road improvements. In Queensland, the Bowen Basin productive water supply, Cairns Western Arterial Road capacity and Ipswich to Springfield transport capacity are added as priority initiatives.

Infrastructure Australia advise that 10 projects have moved off the Priority List and into the construction phase.

There will be a special focus on regional communities by Infrastructure Australia in 2021 with a review to identify infrastructure strengths and gaps.

The Assessment Framework – which details the **methodology for assessing infrastructure proposals**, and provides advice on best-practice proposal development – is being 'reset' by Infrastructure Australia to make it more practical for users, account for emerging infrastructure trends and give guidance on developing submissions. The reset Assessment Framework will align with jurisdictional guidelines to streamline the assessment process, highlight stakeholder endorsement in project development and better demonstrate the value of proposals to the community.

To read the full 2021 Priority List visit infrastructureaustralia.gov.au

2021 PRIORITY LIST

180 total investment opportunities with a total value of \$59 billion.

6

high priority projects

17

priority projects

48

high priority initiatives

109

priority initiatives



World Engineering Day for Sustainable Development (**WED**) was held on 4 March. Now in its second year, WED is an opportunity to celebrate the important contributions of engineers and engineering to sustainable development and modern life.

The aims of the day are to:

1. demonstrate the role of engineers and engineering
2. develop solutions to climate change
3. raise the profile of engineering and technology, and its role in improving the quality of life worldwide and achieving the UN Sustainable Development Goals
4. encourage dialogue between engineers and decision makers, industry leaders, scientists, non-governmental organisations and the public at large on issues relating to climate change and sustainable development
5. enable policies and solutions to address the world's most pressing problems using engineering and improve dialogue between citizens, engineers and policy-makers
6. encourage, more young people, especially girls, to consider engineering as a career

BPEQ supports aims one, three, four, five and six by:

- campaigns raising awareness of the need for engineers to be registered and the benefits of engaging RPEQs

- sponsoring and supporting student organisations
- providing advice to government and taking part in inquiries and reviews
- participating in industry discussions and working groups
- developing policies and legislation

WED 2021 saw the release of second Engineering Report *Engineering for Sustainable Development: Delivering on the Sustainable Development Goals*. The new report:

highlights the crucial role of engineering in delivering the 2030 Agenda for sustainable development, shows how inclusive and gender equitable engineering profession can bring about new perspectives and thus respond to the shortage of engineers, showcases of engineering innovations for implementation of the SDGs, analyses the progresses in and challenges in engineering education and capacity building, and summarizes the regional trends of engineering development.

BPEQ supports the aims of WED and celebrates the crucial role of engineers now and into the future.

To learn more about WED visit [World Engineering Day](#).



An Engineer's World

New city named after engineering pioneer

In many ways John Bradfield shaped Sydney and Brisbane. Projects he spearheaded are used and admired in the respective state capital cities every day. This month it was announced that 'Bradfield' would be the name of Sydney's 'third city'.

Built around the new Western Sydney International Airport, Bradfield is expected to be a hub for research, science and education and will be home to the new CSIRO headquarters, the Advanced Manufacturing and Research Centre and aerospace and defence industries and be connected with Sydney's metro.



Jim Bradfield, grandson of John, said: 'I think he would be amazed that his name would be associated with a vista that we are seeing here. He was used to the city of Sydney, the harbour and all the challenges it brought and now we have more challenges and this is a great place for his vision and his drive and enthusiasm to flourish.'

To learn more about Bradfield visit www.bpeq90.org.

Self driving cars used to research driver behaviour

'Never trust a computer you can't throw out a window' says Steve Wozniak, yet we have overwhelmingly embraced all forms of technology and being without it, let alone discarding it, is far from our thoughts. One new age technology that may be in use sooner than many people think is self-driving cars.

This month, 60 people will get behind the wheel of ZOE2, a highly advanced research prototype Level 4 Cooperative and Automated vehicle. The project will observe driver behaviour, specifically their head position and line of site during the drive.

Director of QUT's Centre for Accident Research and Road Safety – Queensland (CARRS-Q) Professor Andry Rakotonirainy said: 'This project will give us insights into how long it takes for an everyday driver to exercise



appropriate control when the automated systems hand back control'.

Ian Christensen, managing director of research partner iMOVE Australia, said: 'As we move into an ever more automated future on our roads, it is crucial for us to understand the human – vehicle interactions to do it safely. By participating in this study, members of the community will be providing data that plays an important role in this understanding. It's also a cool experience to tell your friends about!'

For more information on the project visit [Cooperative and Automated Vehicle Initiative](#).

ARE YOU RENEWAL READY?

Registration renewals for 2021-22 begin **1 April 2021**. This year the renewal process will be fully online, including for those RPEQs declaring continuing professional development and fitness to practice issues.

RENEWAL PERIOD

The renewal period is **1 April 2021** to **31 May 2021**. The online renewal portal will open from 1 April 2021 and close at midnight on 31 May 2021. All RPEQs will receive postal and email notices of the expiry of their registration to their nominated postal and email address prior to the renewal period.

Tips for being renewal ready

CHANGES FROM LAST YEAR



All logins for the 'My Account' portal will now be 5-digits, so if you have a 4-digit RPEQ number a zero is to be added as the first number.



All 2021-22 renewals will be submitted online including renewals where a RPEQ is declaring a fitness to practise matter or CPD issue (they will be required to attach their evidence to the renewal).



You can change your registration type online at the time of submitting their renewal (change from practising to non-practising; and change from non-practising to practising).



Practising certificates (cards) will no longer be sent by post. The card has been replaced with an electronic practising certificate, which will be available to download online in 'My Account' once you have completed your renewal and payment is made.

For more information visit

bpeq.qld.gov.au/rpeq-renewals

FIVE STEP ONLINE RENEWAL PROCESS

STEP
1

VISIT

Visit www.bpeq.qld.gov.au

STEP
2

SIGN IN

Sign in to **My Account** using RPEQ number and your chosen password

STEP
3

CLICK

Click the **Renew Now** option button found under your general profile information

STEP
4

ANSWER

Answer the **online renewal questions**. RPEQs must declare fitness to practice issues and comply with CPD obligations

STEP
5

PAY

Pay the registration fee. Payment can be made by Mastercard and VISA credit card

REGISTRATION RENEWAL FEES 2021-22

PRACTISING

\$236.95

NON-PRACTISING

\$118.45

WELCOME TO OUR NEWEST RPEQS

BPEQ extends a warm welcome to the following engineers who recently became registered:

25567	Nazeem	Ajez	Civil
25467	Febi	Alex	Electrical
25511	Luis	Alonso Diaz	Civil, Management
25559	Nicholas	Avery	Civil, Management
25522	Mohsin	Ayub	Mechanical
25473	Dharmapriya	Bandara	Information Telecommunications & Electronics, Management
25550	John	Barlow	Electrical
25487	Leigh	Baxter	Structural
25520	Joselito	Belda	Civil, Structural
25515	James	Bell	Civil, Management
25538	John	Bills	Mechanical
25510	Ramy	Bishay	Mechanical
25456	John	Bishop	Environmental
25543	James	Brown	Civil, Management
25499	Patrick	Byrne	Electrical
25544	Fernanda	Carrea	Management, Information Telecommunications & Electronics
25483	Mark	Carroll-Chilts	Structural
25485	John	Cartwright	Electrical, Management, Mechanical
25509	Chandra	Chandra	Mechanical
25506	Yingying	Chen	Electrical
25468	Navjot	Chhabra	Civil, Management
25564	Vui Tshung	Chin	Civil
25523	Grant	Christensen	Management
25554	Mark	Colegate	Environmental
10508	James	Davis	Mechanical
25526	Michael	Dodds	Building Services

25488	Paul	Donovan	Mechanical
25528	Rowland	Edwardes	Civil
25563	Paul	Effeney	Electrical
25464	Robert	Eltobbagi	Civil
19177	Nasim	Etesam	Mechanical
05488	Derrick	Evans	Civil
25457	Mina	Fahmy	Civil, Management
25477	Cosmo	Farinola	Structural
25545	Hemraj	Fernando	Civil, Environmental
16420	Michael	Flynn	Civil, Structural
25562	Alan	Forster	Aerospace, Information Telecommunications & Electronics
20325	Jacob	Franklin	Civil
15433	Davin	Fraser	Electrical
25576	John	Fusinato	Electrical, Mechanical
25518	Kiran	Gadde	Electrical
25549	Naveen	Garg	Electrical, Information Telecommunications & Electronics
25471	Stephen	Graham	Management, Mechanical
25546	Salman	Hafeez	Management, Structural
25490	Adam	Harriman	Electrical
25497	Patrick	Hewitt	Building Services, Management, Mechanical
25532	Robert	Hodge	Mechanical
25494	Jacob	Holborn	Electrical, Information Telecommunications & Electronics
25574	Stephen	Hulka	Civil
25542	Islam	Ibrahim	Civil, Structural
24508	Mark	James	Chemical
25558	James	Jamieson	Electrical
25505	Jeyatheepan	Kanaganayagam	Civil, Structural
25495	Onur	Karakus	Electrical
14971	Massood	Keshavarz Siahpoosh	Electrical
25533	Waleed	Khan	Electrical
22687	Amir	Kheyrmandparizi	Mechanical
25476	Laura	Kinch	Mechanical
25519	Damien	Koen	Structural
25502	Peter	Lade	Electrical
25484	Mervyn	Lindsay	Civil, Structural
25491	Shane	Llewelyn	Civil

25501	Christoffel	Louw	Civil, Management
17328	Rocky	Lumbanradja	Mining
25517	Michael	Lustica	Naval Architecture
25504	Neil Angelo	Luzano	Civil
25465	Suhaib	Majed Amer	Electrical
25555	Maneesh	Manocha	Information Technology and Telecommunications
25481	Anand	Marsh	Civil, Management
25507	Amanda	Matanovic	Civil
25479	Diane	Mather	Civil, Management
05351	Paul	McCarron	Electrical
25537	Matthew	McCulloch	Civil - Public Works
25496	Christopher	McCuskee	Mechanical
25503	Robert	Meiklejohn	Management, Structural
25486	Carlo	Mondonedo	Civil
25565	Luke	Morris	Civil
25463	Robert	Morrish	Management, Mechanical
25607	Bongani	Moyo	Mechanical
25527	Vincenzo	Murdocca	Civil, Structural
25570	Joe	Nader	Civil
25482	Niroshan	Naguleswaran	Civil
25489	Yasuto	Nakamura	Structural
25512	Taimoor	Naseem	Structural
25513	Christopher	O'Donnell	Mining
25579	Martin	O'Driscoll	Mechanical
25560	Lorna	Oliver	Civil
25525	Louis	Oosthuizen	Civil
25472	Revee Lein	Orozco	Civil, Structural
25571	Timothy	Osborne	Mechanical
25459	Kaveeth	Pal	Information Telecommunications & Electronics, Management
25578	Robert	Palmer	Structural
25580	Christopher	Papanastasiou	Structural
25461	Jigarkumar	Patel	Electrical
25466	Kate	Patterson	Chemical
25577	Serge	Pigliacampo	Civil, Structural
25521	Ian	Pogson	Electrical
25568	Brett	Pratt	Mechanical
25539	Mark	Pritchard	Electrical
25556	Francisco	Pulido Olano	Civil

25529	Oliver	Pyke	Civil
25569	Joshua	Rangan	Mechanical
25475	Nebojsa	Ravic	Structural
25514	Mehdi	Rezaiy Marand	Electrical
25508	Kirk	Rodrigues	Mechanical
25480	Jaime	Rodriguez Jimenez	Petroleum
25575	Lalindra	Rupasinghe Arachchige Don	Structural
09906	Angus	Russell	Structural
21229	Liam	Sacco	Structural
25557	Simo	Saletic	Management, Mechanical
25500	Muhammad Dawood	Saqib	Electrical
18320	Dirk	Schneiderheinze	Electrical
25524	Abraham	Shahverdi	Electrical
25460	Brett	Smiley	Civil, Management
25541	Kayla	Smyth	Mechanical
25572	Ali Fathi	Soltan	Civil
25470	Mark	Soltani	Civil, Management
25573	Gerardo	Soret Cantero	Fire Safety
25492	Camden	Stephenson	Information Telecommunications & Electronics
25530	Marthinus	Steyn	Management, Mechanical, Pressure Equipment Design Verifier
25561	Quentin	Suckling	Structural
25551	Toby	Sullivan	Mechanical
25493	Ryan	Swagemakers	Structural
25534	Michael	Sy	Electrical
16299	Denis	Tepavac	Civil, Structural
16557	Bach	Thai	Electrical
25566	Stephen	Thomas	Electrical
25548	Sonja	Toft	Chemical, Management
25474	Mark	Tomarchio	Civil
13267	Shane	Turner	Mechanical
25552	Alan	Underwood	Aerospace, Information Telecommunications & Electronics
25498	Buddika	Ungamandadige	Management
25535	Hendrik	Van Dyk	Civil, Management
25531	Kaycee	Vergheese	Petroleum
21473	Nhan	Vu	Structural
25458	Hench	Wang	Civil
25469	Timothy	Wauchope	Electrical

25540	Jason	Whiteside	Civil
14446	Ewan	Wingate	Metallurgical
18265	Dominic	Yeo	Electrical
25516	Peyman	Zamanian	Structural
25547	Robert	Zamperoni	Building Services, Electrical
25536	Jun	Zhong	Structural
25553	Alan	Zorkot	Electrical

Protecting the public
and setting the standard
of engineering.



[linkedin.com/company/bpeqld](https://www.linkedin.com/company/bpeqld)



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