ENGINEERS
AUSTRALIA

THE ENGINEERING DIRECTORY

NEWCASTLE 2022

Newcastle Light Rail Project", 2020 Newcastle AEEA Winner, Downer

Engineers Australia - Newcastle Division
T: 02 4911 7310 **E:** newc@engineersaustralia.org.au

www.engineersaustralia.org.au/About-Us/Divisions/Newcastle

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HOW TO USE YOUR DIRECTORY

The Newcastle Division of Engineers Australia's Education Sub Committee is pleased to have produced ***"The Engineering Directory"***, a resource document to assist students and teachers involved with the Engineering Studies course.

The Directory will identify companies that may be able to assist with:

- Work Placements – secondary & tertiary
- School Work Experience
- Mentoring for Teachers
- School Visits
  (a member of the Company's Engineering Team would be able to visit & speak to students in secondary Schools)
- School Excursions (Years 11 & 12)

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Mentoring

A number of local industry partners have offered to assist teachers through mentoring them in their areas of engineering expertise. For more information on these industries please refer to the information contained in this directory or visit their website and contact them directly.

- ACOR Consultants Pty Ltd
- ADW Johnson
- Advitech Pty Limited
- Armidale Regional Council
- Aurecon
- BAE Systems
- Ballina Shire Council
- BG&E Pty Ltd
- Bureau Veritas (Metallurgical and Materials Handling Engineers)
- CQT Services Pty Ltd
- CSIRO Energy Centre
- Dubbo Regional Council (only in Dubbo for F2F mentoring)
- Hopkins Consultants
- Hunter H2o Holdings Pty Limited
- Hunter Water Corporation
- Nambucca Valley Council
- Nepean Power Pty Ltd
- Northrop Engineers Pty Ltd
- ORICA
- Port Stephens Council
- PowerEarth Technologies Pty Ltd

- Process Automation & Controls Pty Ltd
- RPC Technologies
- Safearth
- Stantec Australia Pty Ltd
- Transport for NSW
- Walcha Council

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NEWCASTLE DIVISION PROFILE

The Newcastle Division of Engineers Australia is one of nine Divisions throughout Australia, administering and representing the needs of its members.

The Division is the representative body for over 4000 members, covering northern NSW, north from the Hawkesbury River to the Queensland border, and prides itself on its regional focus.

The Division hosts meetings in Chemical, Civil/ Structural, Electrical, Heritage, Mechanical and Management Engineering on a regular basis. The Division also holds technical sessions, site visits and social outings which are aimed at giving members the opportunity to develop professionally and to network with fellow engineers. The Australian Engineering Excellence Awards are the premier event held in the Division, highlighting the important contribution of engineering teams in northern NSW to the wealth creation of Australia.

Young Engineers are well catered for and they have a full program of activities which include:

- Technical seminars & site inspections
- Networking activities
- Careers advice

YEA is your one stop shop for everything you need to support your career journey, meet likeminded people and get ahead in the professional world.

YEA is a community for student and graduate members of Engineers Australia designed to support you on your journey to where you want to be. You can access a range of resources and benefits created to provide tailored support, guidance and advice on all things relating to university, graduating, getting a job and finding your professional feet.

For more information visit:
yea.engineersaustralia.org.au/

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
4Tel Pty Ltd 29 Warabrook Boulevard WARABROOK NSW 2304	Tony Crosby General Manager Services Tel: 02 4923 4100 Email: tcrosby@4tel.com.au	~ 40	Comms Signalling Elec Software	Yes	No	No	No	4Tel develops real-time information processing, command & control, and information management systems for the safe control and management of rail networks.
5QS Consulting Group (formerly Barker Harle) PO Box 63 WARNERS BAY NSW 2282	Peter Fennell Director & Practice Manager Tel: 02 4952 1666 Email: admin@5qs.com.au Web: www.5qs.com.au	15	Civil (2) Struct (4) Geo (4) Enviro (2) Proj (1) BdgSrv (1) Tech (1)	Yes	No	Yes	No	5QS Consulting Group provides: design services in the fields of civil, structural, geotechnical and environmental engineering; condition assessment, scope of work preparation and project management for building repairs; structural testing; arbitration and mediation services; and expert witness support for litigation. We operate from offices located in Newcastle, Central Coast, Sydney and Southern NSW.
ACOR Consultants Pty Ltd Level 1, 54 Union Street COOKS HILL NSW 2300	Julie Dobbins Office Administrator Tel: 02 4926 4811 E: newadmin@acor.com.au Web: www.acor.com.au	500 Nationally	Civil Struct Remedial Hydraulics Fire Mechanical Electrical Sydney and Hunter Water Services Co-ordination, Petrochemical & Dangerous Goods, Security & Risk ESD Acoustics & Lift	Yes	Yes	Yes	No	ACOR Consultants is a multi-disciplinary engineering consulting company with offices across Australia. We offer a full range of engineering services, across multiple sectors and have a proven track record of successful delivery on large-scale multi-disciplined projects, as well as smaller niche projects.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Advitech Pty Limited 7 Riverside Drive MAYFIELD WEST NSW 2304 PO Box 207 MAYFIELD NSW 2304	Steven Smith Managing Director Tel: 02 4924 5400 Email mail@advitech.com.au Web: www.advitech.com.au	33	Mech Civil Struct Process/Chem Enviro Risk & Functional Safety Proj Mgt	Yes	No	No	No	Advitech is a diverse engineering and environmental consulting firm offering engineering design, design certification, 3D drafting, engineering and project support, risk and functional safety. We also offer environmental services including planning and assessment; monitoring and reporting; and sustainability. Advitech works across sectors including resources, transport, infrastructure, agriculture, construction and defence. We are a people-focused organisation, committed to a culture that supports our staff.
ADWJohnson 5 Pioneer Avenue TUGGERAH NSW 2259 7/355 Hillsborough Road WARNERS BAY NSW 2282 Level 35, 100 Barangaroo Avenue SYDNEY NSW 2000	Alison Bancroft Administration Manager Tel: 02 4305 4300 Email: alisonb@adwjohnson.com.au Web: adwjohnson.com.au	50	Civil Struct Proj Man	Yes	Yes	Yes	Yes	Civil and Structural design of roads, intersections, stormwater, water and sewer services, pump stations, earthworks design and similar services. We typically provide service to support residential/ industrial subdivisions, sports fields, local government road upgrade projects and commercial sectors.

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AECOM 17 Warabrook Boulevarde WARABROOK NSW 2304 St Patrick's Commercial Centre Queen Street Singleton NSW 2330	Amanda Kerr Area Manager - Hunter Tel: 02 4911 4900 Email: newcastle@aecom.com	100 + to 120	Asset Mgt Bdg Srv Chem Civil Comms Elec Enviro Geo Ind Mech Mine Process Project Mgt Struct Water	Yes	Yes - Limited	Yes	Yes	AECOM is the world's premier infrastructure firm, delivering professional services throughout the project lifecycle – from planning, design and engineering to consulting and construction management. We partner with our clients in the public and private sectors to solve their most complex challenges and build legacies for generations to come. On projects spanning transportation, buildings, water, governments, energy and the environment, our teams are driven by a common purpose to deliver a better world. We are passionate about the future of the Hunter region. With over 120 staff in the Hunter, 2,500 staff in Australia and almost 56,000 staff globally working with us means you are part of a huge network of some of the industry's brightest minds.
Alan Taylor & Associates 453 Ocean Drive LAURIETON NSW 2443	Denise Foord Administration Tel: 02 6559 8288 Email: office@alantaylor.com.au Web: www.alantaylor.com	3	Struct Civil	Yes	Yes	No	No	Structural and Civil engineering consultants. Residential, industrial and commercial buildings.
Ampcontrol Pty Ltd Head Office 21 Old Punt Road TOMAGO NSW 2322	Mikhaila Halford Learning & Development Specialist Tel: 02 4961 9000 Fax : 02 4913 9599 Email: learning@ampcontrolgroup.com Web: www.ampcontrolgroup.com	100+	Elec Elecr Mechtron Mech Computer	Yes	Yes	Yes	Yes	Ampcontrol sets benchmarks in technology, engineering and manufacturing by creating integrated electrical solutions that improve safety and efficiency. We are a leading electrical engineering company specialising in power distribution, power quality, gas detection, protection relays, lighting, automation, communications and transformers.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
APD Engineering Pty Ltd Lot 5, 14 Honeysuckle Drive NEWCASTLE NSW, 2300 PO BOX 440 NEWCASTLE NSW 2300	Tim de Grauw Director Tel: 1300 273 797 Email: admin.nsw@apdeng.com.au Web: https://apdeng.com.au/	200+	Elec(G&T&D) Comms/NBN Commissioning Control Earthing EPCM Land Develop	No (We employ finishing graduates directly which are then trained)	No	Yes (Organised by Tim de Grauw)	No	APD Engineering have been providing Specialist Engineering Design and Consultancy Services to Power Utilities, Government Authorities, Land Developers, Mining, Construction and other industries for over 18 years. With offices around Australia and a workforce of over 250 staff, APD Engineering offer end-to-end services across generation, transmission & distribution. We are accredited with almost every power utility in Australia and provide specialist engineering, as well as EPC/M and D&C with our construction partners.
APP Corporation Level 2 426 King St NEWCASTLE NSW 2300 PO Box 2195 DANGAR NSW 2300	Thea Cooper Team Coordinator Tel: 02 4928 7600 Email: thea.cooper@app.com.au Web: www.app.com.au or https://www.app.com.au/office/newcastle	42 in NSW	Proj Man	Yes (but limited)	Yes	Yes	Yes	APP is a national professional consultancy offering services across the life cycle of property and infrastructure assets from concept and feasibility, to design management, approvals process, project management during construction through to the handover transition. APP is a specialist in delivering property infrastructure projects large and small in the health, education, aged care, aviation, retail and city revitalisation sectors.
Arkhill Engineers 53 Bonville Avenue THORNTON NSW 2322 PO Box 29 MAITLAND NSW 2320	Mark Smith & Ronald Klok Directors Tel: 02 4088 0700 Fax: 02 4964 2104 Email: arkhill@arkhill.com.au	15	Mech Elec Civil Struct	No	No	No	No	Engineering consultants to the mining, power and construction industries in the areas of mechanical, electrical, civil, structural and project management.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Armidale Regional Council 135 Rusden Street | PO Box 75A ARMIDALE NSW 2350	Annie Harris Executive Manager People & Culture Tel: 02 6770 3684 Fax: 02 6772 9275 Email: AHarris@armidale.nsw.gov.au Web: armidaleregional.nsw.gov.au	26	Proj Eng– roles in water, sewer, waste, roads and stormwater Design Engineers – for water, sewer, roads and stormwater Director of engineering and senior managers	Yes	Yes	Yes	Yes	Armidale Regional Council is a local government entity that is, from an engineering perspective, responsible for the management of all assets within the LGA including water treatment reticulation and supply dams, sewer reticulation and treatment, stormwater drainage, road maintenance and construction for rural and urban areas, operation and management of Armidale Regional Airport, council depots and building maintenance through the use of internal and external resources.
Australian Rail Track Corporation (ARTC) 2 Kings Road BROADMEADOW NSW 2292	Tracey Martin People Advisor Tel: 02 4978 9800 Email: hvrecruitment@artc.com.au Web: www.artc.com.au	120 (Hunter based) 400 (Nationally)	Civil Asset Mgt Proj Mgt Reliability Enviro Railway Signalling Surv Struct Mech Elec	Yes - upon application and subject to current policy	Yes - upon application and subject to current policy	Yes - upon applicat-ion and subject to current policy	Yes - upon application and subject to current policy	ARTC is responsible for the management of more than 8,500 route kilometres of track in New South Wales, Queensland, South Australia, Victoria and Western Australia, including the Hunter Valley coal rail network. With such a diverse range of assets under management, a broad variety of engineering skills are employed to ensure a safe, reliable and efficient service is provided to our customers.
Aurecon Australasia Pty Ltd 23 Warabrook Boulevarde WARABROOK NSW 2304	Hayley Pandelis Office Administrator Tel: 02 4941 5416 M: 0421 556 628 Email: hayley.pandelis@aurecongroup.com Web: www.aurecongroup.com	Newc. 75 NSW 800+ Global 5,000+	Struct Civil Survey Enviro Chem Elec Mech Asset Mgt	Yes	Yes	Yes	Yes	Major multidisciplinary engineering consultancy firm servicing Property, Mining, Industrial, Water, Transport and Community Development and Infrastructure sectors in all disciplines from project inception through to project Design, Implementation, Project Management and establishment of Operational Readiness and Whole of Life asset management services.

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BAE SYSTEMS Australia Williamtown Drive WILLIAMTOWN NSW 2318	Gavin Lewis Aircraft Sustainment & Training Engineering Resource Manager M: 0400 366 763 Email: gavin.lewis@baesystems.com Web: www.baesystems.com.au	Newc 80+ Database 1000+	Aerospace Mech & Mech-tron Elec Software Systems CmpSc ILS	Yes	Yes	Yes	Yes	Australian Defence Force (ADF) development & support products + Research & Development.
Ballina Shire Council Cnr Cherry & Tamar Sts PO Box 450 BALLINA NSW 2478	John Truman Director Tel: 1300 864 444 Email: council@ballina.nsw.gov.au	25	Civil Process Proj Mgt	Yes	Yes	Yes	Yes	Civil Engineering Design, Construction - Maintenance relating to General purpose Council. www.ballina.nsw.gov.au
Barker Ryan Stewart Unit 1, 17 Babilla Close BERESFIELD NSW 2322	Anthony Scott Associate & Hunter Manager Tel: 02 4966 8388 Email: hunter@brs.com.au Web: www.brs.com.au	45 – 50	Civil Engineering and Infrastructure Traffic Engineering and Transport Planning	Yes	No	Yes	No	Barker Ryan Stewart offers our clients total project solutions by being involved in the infrastructure and property development process each step of the way from the project conception, right through to the project delivery. We specialise in providing the core services of town planning, civil engineering, traffic engineering and transport planning, road safety audits, surveying, strata and subdivision certification and TfNSW (formerly RMS) project verification to the infrastructure and property development industry.
Basacon Services Pty Ltd PO Box 3321 THORNTON NSW 2322	Bruce Atkinson Director Tel: 0425 358 897 www.basacon.com.au	1	Process	No	No	No	No	Dispute Resolution: Mediation and Expert Determination Expert Witness Water & Wastewater Treatment Mine Water Management Coal Grain Analysis Coal Quality and Coal Preparation

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
BG & E Pty Limited L3, Suite 2, 426 King Street NEWCASTLE NSW 2300	Zachariah Arneil Senior Engineer M: 0439 787 518 Email: zach.arneil@bgeeng.com Web: https://www.bgeeng.com	13	Civil Matrl Rail Resources Struct Transport	Yes	Yes	Yes	No	Our Newcastle Office, for many years, has predominately worked on residential/commercial buildings projects, land development and Civil engineering, but has recently branched out into road/rail bridge projects. We also have materials technology (concrete/steel specialists) in house.
BlueZone Group Pty Ltd 21 Huntingdale Drive THORNTON NSW 2322	Elizabeth Karpiel Chief Operations Officer E: Elizabeth.karpiel@bluezonegroup.com.au Web: www.bluezonegroup.com.au Ph: 02 4964 3500	10	Electrical Mechtron Mechanical	Yes	Yes	Yes	Yes	The focus of all BlueZone Group companies is the application of world-leading engineering to enable operations, science, maintenance and repair to be conducted in underwater or water-based environments. The BlueZone Group work with customers in varied markets including Defence, Offshore Oil & Gas, Oceanographic/ Hydrographic, Water Resources and Trenchless Technology. The BlueZone Group companies can provide support to its customers through the design, delivery and support phases of a programme.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
BMT Level 1/161 King Street NEWCASTLE NSW 2300	Philip Haines Managing Director Tel: 07 3831 6744 Email: newcastle@bmtglobal.com Web: www.bmt.org	125	Coastal zone management, Enviro assessment, Climate change risk, adaptation and decarbonisation, Flood modelling and risk management, Enviro modelling, Urban stormwater management, WSUD, GIS, Mech, Mechtron, Mining machinery, Strain gauging, Stress analysis, Vibration measurement, CFD.	Yes	Yes	Yes	No	BMT is a leading international design, engineering, science, program, and risk management consultancy with a reputation for engineering and delivery excellence. We're driven by a belief that things can always be better, safer, faster and more efficient.
Bureau Veritas PO Box 96 HUNTER REGION MAIL CENTRE NSW 2310	Roger Costanzi Manager Materials Science & Engineering Tel: 02 4902 4800 Fax: 02 4902 4899 Email: roger.costanzi@au.bureauveritas.com Web: www.bureauveritas.com.au	15	Metl Matrl Mech Welding	Yes	Yes	Yes	Yes	Metallurgical/Materials Consultant, Root Cause Failure Analysis, Asset Management & Condition Monitoring, Welding Consultation, Pressure Vessel Management, NDT, Strategic Maintenance Planning, Structural Risk Management.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Burke Engineering Services Pty Ltd PO Box 330 EAST MAITLAND NSW 2323	John Burke Managing Director Tel: 02 4966 1511 Email: admin@bespl.net Web: www.burkeengineering.com.au	Principle Engineer (1) Senior Engineer (2) Junior Engineer (1) Draftsman (1) Architect (1) Admin (2)	Civil Struct Proj Mgt	Yes	No	No	No	• Precast Concrete Design & Detailing • Reinforced Concrete • Structural Steel • Structural Timber • Stormwater • Mine Seals
Cardno now Stantec 34/205-207 Albany Street North GOSFORD NSW 2250	Sara Belgrove Manager Tel: 02 4320 1000 Fax: 02 4324 3251 Email: gosford@cardno.com.au Web: www.cardno.com.au	10	Civil Struct Geo Proj Mgt Enviro	Yes	Yes	Yes	No	All aspects of civil and structural engineering design and documentation. Environmental planning issues and project management. Geotechnical investigations and design. The wider Cardno group has specialists in civil, structural, electrical, mechanical, traffic, environment, survey and planning.
Cardno now Stantec 559 Hunter Street NEWCASTLE WEST NSW 2302	Zac Othman Business Manager, Northern NSW Tel: 02 4940 5515 Fax: 02 4965 4666 Email: newcastle@cardno.com.au Web: www.cardno.com.au	30	Civil Struct Geo Proj Mgt Enviro	Yes	Yes	Yes	Yes	All aspects of civil and structural engineering design and documentation. Environmental planning issues and project management. Geotechnical investigations and design. The wider Cardno group has specialists in civil, structural, electrical, mechanical, traffic, environment, survey and planning.

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Civmec 40 Old Punt Road TOMAGO NSW 2322	Noel McCausland Facility Manager Tel: 02 4949 8500 Email: civmec@civmec.com.au Web: www.civmec.com.au	Contact company for details	Civmec offers turnkey solutions across a range of core capabilities: Heavy Engineering Shipbuilding Modularisation SMP EI&C Site Civil Works Precast Concrete Rafractory Industrial Insulation Access Solutions Maintenance	No	No	No	No	Civmec is a multi-disciplinary heavy engineering and construction provider to the Oil & Gas, Metals & Minerals, Infrastructure and Marine & Defence sectors.
Clarence Consultants Pty Ltd PO Box 22 COFFS HARBOUR NSW 2450	Matthew Karpik Director Tel: 02 6652 4855 Email: mail@clarenceconsultants.com.au Web: www.clarenceconsultants.com.au	3	Elec Mech Energy Efficiency Assessments (BASIX, NatHERS & Section J Assessments)	Yes	Yes	No	No	Building Services electrical & mechanical engineering services and Energy Efficiency Assessments (BASIX, NatHERS & Section J Assessments).
Clarence Valley Council Locked Bag 23 GRAFTON NSW 2460	Greg Mashiah Water Cycle Manager Tel: 02 6643 0200 Fax: 02 6642 7647 Email: council@clarence.nsw.gov.au www.clarence.nsw.gov.au	24	Civil	Yes – subject to available places	Yes	Yes – depends on resources at the time	Yes – depends on resources at the time	Local Government Engineering including roads, bridges, water supply, sewerage, stormwater and floodplain management.

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Collins & Associates Engineers Pty Ltd 7 Florence Street TAREE NSW 2430 PO Box 672 TAREE NSW 2430	Samual Collins Manager Tel: 02 6552 5277 Email: admin@collinsengineers.com.au	3	Struct Mech	No	No	No	No	Residential and commercial construction and automotive engineering for light and heavy vehicles.
Constructive Solutions Pty Ltd 7 Gipps Street TAMWORTH NSW 2340 39/2 Benson Street TOOWONG QLD 4066 1/625 Ruthven Street TOOWOOMBA CITY QLD 4350	Danielle Greentree Operations Manager Tel: 02 6762 1969 Email: admin@constructivesolutions.com.au Web: www.constructivesolutions.com.au	10	Civil Civil Design Enviro Struct	No	No	No	No	CSPL is a dynamic, experienced and professional consultancy firm which services a large number of clients throughout NSW and QLD, in both public and private sector organisations. Our team consists of project managers, civil, structural and environmental engineers. CSPL has particular expertise in the design and project management of civil infrastructure works and the assessment and management of the environmental impacts associated with these projects.
CQT Services Pty Ltd Unit 1/2 Saltspray Close, Redhead NSW 2290 PO Box 7030 REDHEAD NSW 2290	Michael van Koeverden Director Tel: +61 02 4944 7358 Email: dianne@cqt.net.au Web: www.cqt.net.au	3	Civil Concrete Technology	Yes	No	No	No	Specialist engineering consultancy providing advice on concrete and quarry materials, the design application, and specification of their use. We provide durability modelling, Hot weather, Cold weather plans and thermal modelling for concrete construction. Concrete mix design, TfNSW Grey card training for concrete bridges and pavements, dispute resolution and expert witness reporting. Constructibility advice and strategic planning.
Cronshaw & Associates 29 Sandpiper Crescent BOAMBEE EAST NSW 2452	Rick Cronshaw Principal Engineer Tel: 02 6658 2962 Email: cronshaw1@bigpond.com	2	Mech Hydraulic & Fire Protection Services	No	No	No	No	Consulting engineers specialising in building services design.
CSG Engineers Pty Ltd 13/78 Albert St WARNERS BAY NSW 2282	Maria Sinderberry Administration Tel: 02 4948 0266 Email: maria.sinderberry@csgeng.com.au Web: www.csgeng.com.au	5	Struct Geo Civil	No	No	No	No	Structural – Geotechnical – Civil Works

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CSIRO Energy Centre 10 Murray Dwyer Circuit MAYFIELD WEST NSW 2304	Greg Dowling Human Resources Advisor Tel: 02 4960 6033 Email: greg.dowling@csiro.au Web: www.csiro.au	40	Mech Elec Chem Comp Power Engineering	Yes	Yes	Yes	Yes – on specified dates only	The CSIRO Energy Centre is playing a key role in driving Australia's energy future through scientific and engineering excellence and innovation. Engineers are working with innovations for Low Emission Technologies and in Renewable Energy, Management, Storage and Grid Integration.
Cubo Consulting Pty Ltd Suite 6, 220 The Entrance Rd ERINA NSW 2250	Vince Cubis Director Tel: 02 4326 0990 Email: admin@cubo.net.au	6	Civil Struct Water Supply Sewerage Proj Mgt Hydraulic Accredited Certification	No	No	No	No	Civil, structural, hydraulic, water supply, sewage - design, documentation and specification.
Douglas Partners Pty Ltd 15 Callistemon Close WARABROOK NSW 2304 PO Box 324 HRMC NSW 2310	Scott McFarlane Manager Tel: 02 4960 9600 Fax: 02 4960 9601 Email: newcastle@douglaspartners.com.au Web: www.douglaspartners.com.au	26	Geo Enviro Groundwater	Yes	Yes	No	No	Site Investigations, field testing contamination assessments, foundations, dams, pavements, groundwater studies, mine subsidence & slope stability studies.
Dubbo Regional Council Church Street DUBBO NSW 2830 PO Box 81 DUBBO NSW 2830	Chris Godfrey Manager Infrastructure Strategy and Design Tel: 02 6801 8412 Fax: 02 6801 4259 Email: chris.godfrey@dubbo.nsw.gov.au	20	Civil Enviro Ltd Chem	Yes – subject to available places	Yes – subject to available places	Yes	Yes	Typical public works engineering in roads, water supply, sewerage, drainage, solid waste management, emergency management, fleet, traffic engineering, development control, design, asset management. Dubbo Regional Council is a highly regarded Local Government Authority across all of Australia.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Engineering Advice Pty Ltd 21 Bolton St NEWCASTLE NSW 2300	Neil Watson FIEAust MEng CPEng NER APEC IntPE(Aus) EngExec MBA Senior Mechanical Engineer Phone: 0415 562 365 Email: Neil.Watson@EngineeringAdvice.com.au Web: www.EngineeringAdvice.com.au	11	Mech Finite Element Analysis (FEA) CAD Design Test Measurement Forensic Investigation Expert Witness	Yes - Ltd	Yes - Ltd	No	No	*Engineering Advice* has built a reliable reputation in the provision of mechanical engineering and management advisory service to the mining, minerals processing, rail and heavy equipment industries. We base our engineering advice on a thorough investigation using advanced Finite Element Analysis (FEA) simulation techniques, Test Measurements and Field and Forensic Investigation. We are a boutique consultancy with the same experience and drive of first-tier consultants, but without the overheads that can lead to high costs. With decades of experience in the engineering industry, we are well positioned to provide you with first-rate quality solutions that are focused on your needs, delivered on time, and at a realistic cost. To find out more or get some advice, please feel free to contact us or visit our website.
EnviroAg Australia Pty Ltd PO Box 1775 ARMIDALE NSW 2350	Dr Simon Lott Tel: 1800 445 389 Fax: 02 6771 5999 Email: info@enviroag.net.au Web: www.enviroag.net.au	10	Enviro Agric Civil	Please contact Company for details				Concept to completion - environmental, civil and agricultural design and project management in regional Australia for government agencies, intensive livestock facilities, primary producers, abattoirs, wineries and other food processing industries.

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GeoLINK Consulting Pty Ltd PO Box 119 LENNOX HEAD NSW 2478	Duncan Thomson Director/Engineer Bridget Ramunno Business Manager Tel: 02 6687 7666 Fax: 02 6687 7782 Email: info@geolink.net.au Web: www.geolink.net.au	7	Enviro Civil	Yes	No	Yes	No	GeoLINK specialises in civil engineering services relating to the design and development of subdivisions and civil infrastructure, with the capability of following a project through from conception to construction. The GeoLINK environmental engineering team fuses science and engineering principles to develop solutions that improve the use and management of air, water and land resources. GeoLINK specialises in environmental engineering services relating to land development, infrastructure construction, integrated water management and natural resource management.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
GHD Level 3 GHD Tower 24 Honeysuckle Drive NEWCASTLE NSW 2300 PO Box 5403 HUNTER REGION MAIL CENTRE NSW 2310 Level 1 Coal Services Building 1 Civic Avenue SINGLETON NSW 2330 PO Box 5403 HUNTER REGION MAIL CENTRE NSW 2310 Suite 7A 66 Lord Street PORT MACQUARIE NSW 2444 PO Box 2875 PORT MACQUARIE NSW 2444 230 Harbour Drive COFFS HARBOUR NSW 2450 PO Box 1340 COFFS HARBOUR NSW 2450	 Phil Pigram General Manager – Hunter and Northern NSW Tel: 02 4979 9999 Fax: 02 9475 0725 Email: ntlmail@ghd.com Web: www.ghd.com John Polin Manager – Hunter Valley Tel: 02 6570 3500 Fax: 02 9475 0725 Email: sinmail@ghd.com Web: www.ghd.com Amylia Fletcher Manager - Port Macquarie Tel: 02 6586 8700 Fax: 02 9475 0725 Email: pqqmail@ghd.com Web: www.ghd.com Andy Oliver Manager – Coffs Harbour Tel: 02 6650 5600 Fax: 02 9475 0725 Email: cfsmail@ghd.com Web: www.ghd.com	250+ in Hunter & Northern NSW 4000+ Nationally	All support	Yes, limited	Yes, limited	Yes, limited	No	GHD recognises and understands the world is constantly changing. We are committed to solving the world's biggest challenges in the areas of water, energy and urbanisation. We are a global professional services company that leads through engineering, construction and architectural expertise. Our forward-looking, innovative approaches connect and sustain communities around the world. Delivering social and economic outcomes, we are focused on building lasting relationships with our partners and clients. Established in 1928, we remain wholly owned by our people. We are 10,000+ diverse and skilled individuals connected by over 200 offices, across five continents – Asia, Australia, Europe, North and South America, and the Pacific region. Find out more about us at ghd.com

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
GHD *(continued from page 19...)* Suite 10 Zenith Building 6 Reliance Drive Tuggerah Business Park TUGGERAH NSW 2259 PO Box 3220 TUGGERAH NSW 2259 Suite C, Level 1 307 Peel Street TAMWORTH NSW 2340 PO Box 327 TAMWORTH NSW 2340 270 Summer Street ORANGE NSW 2800 PO Box 950 ORANGE NSW 2800	Ian Dixon Manager - Central Coast Tel: 02 4350 4100 Fax: 02 9475 0725 Email: centralcoastmail@ghd.com Web: www.ghd.com James McPherson Manager – Northwest NSW Tel: 02 4979 9900 Fax: 02 9475 0725 Email: ntlmail@ghd.com Web: www.ghd.com Daniel Mees Manager – Orange Tel: 02 6393 6400 Fax: 02 9475 0725 Email: oagmail@ghd.com Web: www.ghd.com	250+ in Hunter & Northern NSW 4000+ Nationally 10000+ Globally	All support	Yes, limited	Yes, limited	Yes, limited	No	
Glencore Locked Bag 6015 HRMC NSW 2310	Michelle Montgomery HR Manager Tel: 02 4925 6413 Email: talent@glencore.com.au Web: glencore.com	Over 250 Australia wide	Mine Civil Geo Elec Mech Mechtron Enviro Chem	Yes	Yes	Yes	Yes	We produce and market more than 60 commodities, through approximately 150 assets and offices in over 35 countries. The products we produce and market play an essential role in modern life. From the copper, cobalt and nickel powering the electric vehicle revolution, and the energy products helping keep the lights on, what we do touches every part of life as we know it.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Hatch Ground Floor, 47 Darby Street NEWCASTLE NSW 2300 Central Coast Suite 506, Level 5 1 Bryant Drive TUGGERAH NSW 2259	Wylie Pearson Hunter Region Lead Tel: 02.4968 6868 Fax: 02.4968 6800 E: wylie.pearson@hatch.com Web: www.hatch.com	800+ Nationally 9000+ Globally	Services and technologies across mining, infrastructure and energy sectors	Yes	No	No	No	Whatever our clients envision, our engineers can design and build. With over six decades of business and technical experience in the mining, energy, and infrastructure sectors, we know your business and understand that your challenges are changing rapidly. We respond quickly with solutions that are smarter, more efficient, and innovative. We draw upon our 9,000 staff with experience in over 150 countries to challenge the status quo and create positive change for our clients, our employees, and the communities we serve.
Hopkins Consultants Suite 1, 109 William Street PORT MACQUARIE NSW 2444	Lisa Partridge Office Manager Tel: 02 6583 6722 Email: admin@hopcon.com.au Web: www.hopkinsconsultants.com.au	6	Civil	Yes – if we have the capacity at the time	Yes	Yes	Yes	All civil design for developments in NSW. Hopkins is a multidisciplinary firm including Engineering, Surveying and Town Planning.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Hunter H2O Holdings Pty Limited PO Box 5007 HRMC NSW 2310 Head Office - Newcastle 19 Spit Island Close, Mayfield West NSW 2304 Adelaide Office Level 5, 18-20 Grenfell Street Adelaide SA 5000 Brisbane Office Level 13 288 Edward Street Brisbane QLD 4000 Tamworth Office 4/493 Peel Street Tamworth NSW 2340	Carly Soutter Marketing Coordinator M: 0419 974 944 Email: carly.soutter@hunterh2o.com.au Web: www.hunterh2o.com.au	130	Chem Enviro Elec Civil Mech Elec/Automation Proj. Mgt	Yes	Yes	Yes	Yes	Hunter H2O is a leading, specialist consulting firm in the water industry operating across a broad range of project types and a diverse set of clients and geographies. We specialise in Planning and Advisory Services, Process Engineering, Design, Electrical, Automation, Operations Support, Asset Management and Project Management specifically for the Water industry. Together with our Clients and Delivery Partners, we create the right water solutions to improve lives and support sustainable and healthy communities.
Hunter Water Corporation PO Box 5171 HRMC NSW 2310	For work experience/placements: Contact: People & Culture team E: recruitment@hunterwater.com.au Phone: 02 4979 9559 Web: www.hunterwater.com.au For school visits and excursions contact: Customer & Community Advocacy Team centreforeducation@hunterwater.com.au Phone: 02 4979 9631	80+	Civil Env Mech Elec	Yes	Yes	Yes – depends on resources at time	Yes – but would require plenty of notice	Hunter Water is a State Owned Corporation providing water, wastewater and some stormwater services to the Lower Hunter region. Our engineering staff undertake work which ranges from long term strategic regional planning to operationally focussed service delivery to our customers. Within these multidisciplinary groups work is undertaken in focus areas including water supply, wastewater, construction and maintenance engineering.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
InfraBuild Industrial Drive MAYFIELD NSW 2304	Ashleigh Cass HR Manager Email: recruitment@gfgalliance.com Web: https://www.infrabuild.com/	Over 100	Chem Metl Elec Enviro Mech Proj	Yes	No	No	No	Asset maintenance, reliability improvement, process improvement, capital engineering, information systems, environmental management, material sciences.
Izzat Consulting Engineers Suite 4/56 Hudson Street HAMILTON NSW 2303 Shop 137/243 Pyrmont Street SYDNEY NSW 2000 6/292 Water Street Fortitude Valley QLD 4006	Tony Dockrill Director Tel: 02 4940 0090 Fax : 02 4940 0091	11	Civil Struct Asset Mgt Facade	No	No	No	No	Structural, Façade and Civil including: feasibility studies & concept designs, detail design & documentation, Construction detailing, Project Management, Expert Advice & Technical Reports.
Jacobs Group (Australia) Pty ltd Level 4, 12 Stewart Avenue NEWCASTLE WEST NSW 2302 PO Box 2147 DANGAR NSW 2309	Kim Collings Manager, Newcastle Office Tel: 02 4979 2600 Fax: 02 4979 2666 Email: Kim.Collings@Jacobs.com Web: www.jacobs.com	50	Architecture Design & Engineering Enviro Geospatial Digital Proj Man Strategic Asset Management	Yes	No	Yes	No	At Jacobs, we're helping clients from across the industry tackle the critical issues head-on, delivering solutions for a more connected, sustainable world. Our local team are backed by a regional & global workforce of more than 55,000 people. Jacobs provides a full spectrum of professional services including consulting, technical, scientific and project delivery for the government and private sector.
Lake Macquarie City Council PO Box 1906 HRMC NSW 2310	Adam Wakeman Manager Tel: 02 4921 0553 Fax: 02 4921 0535 Email: awakeman@lakemac.nsw.gov.au Web: www.lakemac.com.au	20	Civil Traffic/Transport Struct Geo Hydrology Enviro	Yes	Yes	Yes	Yes	Local government engineering and management of roads, buildings, bridges, drainage, traffic, waste, environment.
Maitland City Council PO Box 220 MAITLAND NSW 2320	Recruitment Tel: 02 4934 9700 Email: recruitment@maitland.nsw. gov.au Web: www.maitland.nsw.gov.au	15	Civil	Yes	No	No	No	Local government engineering design, projects, construction, maintenance - roads, buildings, bridges, traffic, drainage, recreational facilities.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Marline Newcastle Unit F 56 Clyde Street HAMILTON NORTH NSW 2292	Daniel White Director M: 0412 015 098 Email: dwhite@marline.com.au www.marline.com.au	32	Elec Mech Hydraulic Fire Energy	Yes	Yes	No	No	Building Services engineers.
Matrix Thornton Consulting Engineers Pty Ltd 144 Oxley Island Road OXLEY ISLAND NSW 2430	Stephanie O'Toole Office Manager Tel: 02 6553 2577 Email: admin@matrixthornton.com.au Web: www.matrixthornton.com.au	7	Civil Struct Mech Acoustic	No	No	Yes	No	Structural engineering for residential dwellings, multi-unit dwellings and townhouses, commercial offices, retail, industrial, educational and institutional buildings. Also, swimming pools, shade structures, carports, garages, marine structures and retaining walls. • Certificate of Adequacy, structural integrity certification including re-located buildings, buildings without council approval, shopfront awnings, storm damage, impact damage, jetty pontoons, wall and slab cracking and steel corrosion damage • Extensive expertise in the investigation and repair of masonry wall and slab cracking including producing a Scope of Works for underpinning of foundations • Acoustic engineering – including noise and vibration assessments and acoustic reports • Flood and mound certification • Bridge and culvert design • Stormwater design • Heritage and restoration work • Site investigations • Expert witness and investigation • Residential, commercial and strata building inspections, generation of scope of works and supervision of remedial works Mechanical design of projects, manufacturing processes, jigs and fixtures

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
MJM Environmental Pty Ltd Office 1, Level 2 335 Wharf Road NEWCASTLE NSW 2300	Monica Majerowski Technical Director Environment Phone: (02) 4926 4222 Email: monica@mjmenvironmental.com.au Web: www.mjmenvironmental.com.au	8	Water and Wastewater Eng Process and Enviro Eng Air Emissions Testing	Yes	No	Yes	No	MJM Environmental was originally established in 1999 to provide industrial clients in Newcastle and the Hunter Region with niche process and environmental consulting services. The Process and Environmental Engineering business unit specializes in the provision of specialist engineering consulting services. The water and wastewater engineering group was formed in 2006 to service industrial and municipal clients throughout Australia. Our capability covers the complete water and wastewater treatment infrastructure cycle from inception to operation. MJM Environmental has a proven track record of working in collaboration with our clients on complex and challenging projects. Our extensive process engineering experience will ensure that we understand and deliver the optimum solutions. In 2012 MJM Environmental established the air emissions testing business unit to provide NATA accredited testing service to our clients. MJM Environmental NATA accreditation (certification ISO/IEC 17025, accreditation number 20692) covers an extensive range of industrial air emission parameters.
MPC Consulting Engineers Pty Ltd Level 1, 16 Telford Street NEWCASTLE EAST NSW 2300	Maryanne Cantwell General Manager Tel: 02 4927 5566 Email: admin@mpceng.com.au Web: www.mpceng.com.au	24	Civil Struct	Yes	Yes	No	No	Structural and related Civil Engineering for 12 industry sectors including residential, commercial, education, government, health & aged care, recreation, industrial, heritage and construction engineering.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
MRA Engineering 18 Warabrook Boulevarde WARABROOK NSW 2304 PO Box 153 HRMC NSW 2310	Rodney Devetak Operations Manager Tel: 02 4908 0000 Fax: 02 4968 0957 Email: enquiries@mra.com.au Web: www.mra.com.au	30	Elec Control System	Yes	No	No	No	Electrical & Automation Engineering including Industrial Software & Hardware Design, R & D, Control Systems & Automation (PLC/SCADA/ Telemetry), Drive Systems, Asset Management, Plant Optimisation, project management, Functional Safety Systems (SIL), hazardous Area Assessment & Classification, IT Solutions, Power Systems & Earthing Design & Analysis.
Muswellbrook Shire Council Campbell's Corner, 60-82 Bridge Street MUSWELLBROOK NSW 2333	Peter Chambers Chief Engineer Tel: 0455 450 148 Email: peter.chambers@muswellbrook.nsw.gov.au Web: www.muswellbrook.nsw.gov.au	11	Civil Chem Industrial	Yes	Yes	No	Yes	Local govt engineering, roads, bridges, parks, buildings, water & sewerage, assets management, waste management, stormwater management, water, sensitive urban design, recreation facilities.
Nambucca Valley Council PO Box 177 MACKSVILLE NSW 2447	Paul Gallagher Assistant General Manager – Engineering Services Tel: 02 6568 2555 Fax: 02 6568 2201 Email: council@nambucca.nsw.gov.au Web: www.nambucca.nsw.gov.au	5	Civil	Yes	Yes	Yes	Yes	Local govt engineering: water, sewerage, roads, bridges, parks, design, estuaries, asset management, flood mitigation, waste management.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Nepean Power 58 Bonville Avenue (PO Box 3047) THORNTON NSW 2322	Samantha Cavanagh HR/Payroll Tel: 02 4088 2790 Email: samantha.cavanagh@nepean.com Web: www.nepean.com.au	15+	We specialise in - Surface infrastructure (HV/MV Power Distribution infrastructure, Power transformers, Switchrooms, Conveyor starters, Pump starters- Underground Mines (Substations/Starters, Longwall Electrical equipment, HV/MV Distribution equipment, Ex(D) Flameproof Starters and distribution boxes, Ventilation)	Yes	Yes	Yes	Yes	NEPEAN Power is a proven leader in the supply and manufacture of quality engineered solutions, products, and technologies. Established in 1994, through the commitment of our dedicated team we have become a supplier of choice. NEPEAN Powers high level of capability in our engineering and site services team allow us to offer after sales support and maintenance programs that ensures our systems perform reliably and increases longevity.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Newcastle City Council - The City of Newcastle	Learning & Development Team Tel: 02 4974 6019	18	Civil Enviro Struct Mech	No	No	No	No	Very wide ranging engineering expertise with a diverse scope of work: Asset engineers: provide the City's asset preservation programs for roads, buildings and structures, stormwater drainage, parks recreational and natural assets Civil engineers: project manage civil design projects, coordinating several projects simultaneously; includes civil design and CAD Processes, contract administration and management, consultant/contractor engagement, property management, development applications, client negotiations and consultation with internal and external customers Program development engineer: Providing asset management services for all infrastructure and natural assets owned or controlled by Council Works Coordinator: Coordinate the cost effective maintenance and enhancement of the public road network and associated infrastructure in accordance with designs and direction, coordination and management of work teams Engineering surveyors: Plan and manage survey component of council projects to meet client briefs Environmental engineers: To lead the City of Newcastle and Council in Environment and Climate Change Services and position Council as a national leader in climate change initiatives.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Newport Technical Services Pty Ltd 21 Church Street PO Box 163 WICKHAM NSW 2293	Julian Johnson and Lee Hughes Directors Ph: 02 4961 3390 E: admin@newcastleport.com.au Web: www.newcastleport.com.au	<15	Mech HVAC Civil Struct Enviro Process	Yes	Yes	Yes	Yes	We specialise in the areas of infrastructure, manufacturing and process, materials handling and mining equipment, water and wastewater management. We also provide advice on business strategy incorporating diagnostics, operational improvement, maintenance systems effectiveness, sustainable systems wiring.
Noble Engineering Services Pty Ltd 8/17 Babilla Close PO Box 404 BERESFIELD NSW 2322	Brad Noble General Manager & Mechanical Engineer Tel: 1300 662 531 Fax: 02 4914 0801 Email: office@nobleeng.com.au www.nobleeng.com.au	8	Mech Condition Monitoring Metallurgy and Failure Analysis NDT Inspections Pressure Vessel Inspections Project Management Weld Procedures	Yes	Yes	No	No	Specialist Mechanical Engineers and Consultants working in mining, various forms of power resource, large OEMS and overhaul facilities optimising the lifetime value of on-site machinery and equipment enabling continuity of production and productivity of personnel. Noble Engineering Services offer a range of services covering Professional Engineering, Condition Monitoring, Non-Destructive Testing, Pressure Vessel Inspections, Weld Procedures, Metallurgy and Failure Analysis.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Northrop Consulting Engineers Newcastle Office: Level 1, 215 Pacific Highway CHARLESTOWN NSW 2290	Leith Dein Business Support Tel: 02 4943 1777 Fax: 02 4943 1577 Email: ldein@northrop.com.au Web: www.northrop.com.au	90 (Newcastle Region)	Struct Civil Building Services and Enviro Engineering including Energy ratings and advise as well as specialist groups covering: Flood modelling, Bridges, Mine Subsidence and Modular Construction	Yes	Yes – limited	No	No	Northrop provide design services in Structural, Civil, Building Services and Environmental Engineering including Energy ratings and advice. They also have specialist groups covering, Flood modelling, Bridges, Mine Subsidence and Modular Construction.
Central Coast Office: Suite 4, 257-259 Central Coast Highway ERINA NSW 2260	Trevor Clack Central Coast Manager Tel: 02 4365 1668 Email: centralcoast@northrop.com.au	13	Struct Civil	Yes	Yes – limited	No	No	

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Nova Systems Unit 1, Building D, 1 Technology Place WILLIAMTOWN NSW 2318	Kellie Rosemond-Stephens Office Manager - Newcastle Tel: 02 9043 2484 Email: kellie.rosemond-stephens@novasys-tems.com Web: www.novasystems.com	30 in Newc. 500+Aust. wide	Aerospace Aircraft Flight Test Services Asset Mgt Commissioning Communications Defence ILS Safety & Certification Systems Engineering Struct Test and Evaluation Modelling and Simulation	Yes (as part of the broader Nova prog.)	No	Yes	No	Nova Systems is an Australian owned Professional Services Provider specialising in the provision of engineering and management services, providing industry and government with world class independent expertise in delivering complex projects and solving technologically challenging problems.
ORICA PO Box 80 MAYFIELD NSW 2304	Andre Hoffman Senior Manager – Maintenance Engineering Tel: 02 4908 9622 Email: andre.hoffman@orica.com Web: orica.com/kooragang	10+	Mech Chem Elec Struct	Yes	No	Yes	Yes	In providing services and value to the mining sector, Orica utilises engineers in operations and asset management, manufacturing system design and development as well as project related work. Engineers work in cross disciplinary teams to support and develop the business in fields including, chemical process and plant design, electrical and instrumentation systems and plant control, mechanical systems for mobile and fixed plants including pressure systems and rotating equipment.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Port Stephens Council PO Box 42 RAYMOND TERRACE NSW 2324	John Maretich / Philip Miles Assets Section Manager / Capital Works Section Manager Tel: 02 4988 0255 Email: john.maretich@portstephens.nsw.gov.au philip.miles@portstephens.nsw.gov.au www.portstephens.nsw.gov.au	10+	Asset Mgt of Civil and Community / Recreation Assets, Fleet Civil Eng – Design, Survey, Development, Drainage, Flooding, Traffic Construction, Maintenance and Project / Risk Mgt	Yes - Tertiary	No	No	Yes	Asset Management of Civil and Community/ Recreation Assets, Fleet. Civil Engineering – Subdivision, Drainage, Flooding, Traffic, Construction, Maintenance and Project and Risk Management.
Port Waratah Coal Services Ltd PO Box 57 CARRINGTON NSW 2294	Eden Simic Manager Assets & Infrastructure Tel: 02 4907 2000 Fax:02 4907 3399 Email: Eden.Simic@pwcs.com.au	17	Mech Struct Elec Enviro Civil	Yes	Yes	Yes	Yes	Project Management, Capital Works Supervision and Systems Engineering. Mechanical & Electrical & Structural Engineering. Bulk Materials Handling. Environmental Engineering. Facilities & Services Maintenance.
PowerEarth Technologies Pty Ltd 22 Desalis Drive THORNTON NSW 2322 PO Box 497 EAST MAITLAND NSW 2323	Nicole Dawe Business Administrator Tel: 02 4964 2077 Email: nicole.dawe@powerearth.com.au Web: www.powerearth.com.au	20	Power Systems Earthing Lightning General Electrical Engineering Consulting	Yes	No	No	No	PowerEarth is an engineering consultancy founded in 1994. We deliver electrical engineering services across a range of markets including power, rail, water, tunnels, airports, defence, solar and wind, battery storage, mining, industrial and commercial. We assist our clients from feasibility and concept design through to detailed design, testing and commissioning. Our key service offerings include: Electrical system design, Earthing, lightning and electrolysis, System studies and protection, Generation systems and connection applications, Audits, testing and commissioning, Peer review & quality assurance, training.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Premise Australia Pty Ltd 154 Peisley Street ORANGE NSW 2800 PO Box 1963 ORANGE NSW 2800 Dubbo Office: 1st Floor 62 Wingewarra Street DUBBO NSW 2830 PO Box 1842 DUBBO NSW 2830 Sydney Office: Suite 301 Oran Park Podium ORAN PARK NSW 2570	Stephen Hoynes Partner Principal Civil Engineer Tel: 02 6393 5000 Email: orange@geolyse.com www.geolyse.com Tel: 02 6887 4500 Email: dubbo@geolyse.com Web: www.geolyse.com Tel: 02 4632 6500 Email: oranpark@premise.com.au Web: www.geolyse.com	13 (NSW)	Civil Enviro Struct	Yes	Yes	Yes	No	Premise Australia specialises in Civil, Environmental & Structural Engineering providing Conceptual Planning & Design Investigations Detailed Design & Documentation Project Management Surveying Town Planning Architecture Environmental Consulting
Process Automation & Controls Pty Limited PO Box 301 CARDIFF NSW 2285 81 Fletcher Street ADAMSTOWN NSW 2289	Shane Dorward Managing Director Tel: 0418 452 349 Email: office@pacautomation.com.au Web: www.pacautomation.com.au	3	Elect Robotics Pneumatics Machine Safety Systems Instrum	Yes	Yes	Yes	Yes	Industrial automation & robotics.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Public Works Advisory Department of Regional NSW Level 2, 117 Bull St NEWCASTLE WEST NSW 2302 PO Box 2297 DANGAR NSW 2309	Joanne Holmes Project Support Officer Tel: 0436 643 113 Email: joanne.holmes@pwa.nsw.gov.au Web: publicworksadvisory.nsw.gov.au	100	Civil Struct Design Mech Elec Enviro	Yes	Yes	No	No	Public Works Advisory (PWA) supports local and state government agencies to deliver critical infrastructure initiatives by providing expert advisory, planning, delivery and support services. We have specialist teams with expertise in the lifecycle management of civil infrastructure, including water and wastewater, roads and bridges, rivers and stormwater and building projects. With more than 350 dedicated staff across our network of 16 offices, PWA support the delivery of projects across regional and rural NSW.
Rarekind (formerly Forsythes Recruitment) Ground Floor Chifley Building 14 Honeysuckle Drive NEWCASTLE NSW 2300	Sarah Skillen Manager Engineering, Resources & Construction Tel: 0428 606 602 Email: sskillen@rarekind.com.au Web: www.rarekind.com.au		Civil Struct Mech Elec Enviro	No	No	Yes	No	Rarekind offers search and selection recruitment services for all disciplines of engineering, placing high calibre candidates into both permanent and contract roles across all industries. We are a team of six recruiters with fifty years collective experience and a presence in the Hunter, Central Coast and Western Sydney.
RCA Australia PO Box 175 CARRINGTON NSW 2294	Mark Alman Managing Director Tel: 02 4902 9200 Fax: 02 4902 9299 Email: mardit@rca.com.au Web: www.rca.com.au	25	Geo Enviro Acoustics Occ Hygiene	Yes	Yes	Yes	No	Specialist Environmental & Geotechnical Engineers, Geologists, Environmental Scientists, Environmental Chemists, Lab Technicians and Managers. Acoustics, Occupational Hygienists.
RCA Laboratories - Environmental PO Box 175 CARRINGTON NSW 2294	Laura Schofield Laboratory Manager Tel: 02 4902 9200 Fax: 02 4902 9299 Email: lauras@rca.com.au Web: www.rca.com.au	8	Analytical Enviro Micro	Yes	Yes	No	No	Environmental Chemists, Environmental Scientists, Lab Technicians, Microbiologist

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
RPC Technologies Pty Ltd 56 Clyde St BROADMEADOW NSW 2292 24 Powers Road SEVEN HILLS NSW 2147	Virginie Murphy Engineering Manager Tel : 02 4911 5551 Fax : 02 4911 5581 E: Virginie.murphy@rpctechnologies.com Web:www.rpctechnologies.com	22	Mech Material Science Elec	No	No	No	No	Specialised composite components. Design and manufacture of rail interior components such as seating, lighting and lining panels. Electrical and electronic design and optimization for rail applications. Design & manufacture of a range of composite components for use in industries including desalination, mining, petrochemical & waste water treatment.
Safearth 212 Macquarie Road WARNERS BAY NSW 2282	Rebecca Kane Admin Lead Tel: 02 4940 3900 Email: enquiries@safearth.com Web: www.safearth.com	40 +	Electrical Computer Software	Yes	No	No	No	• Engineering consulting in the specialist area of power system earthing and lightning protection and related areas, including design, testing, training and other services • Design and manufacture of electrical test equipment • Development of complex engineering design software
SAFEgroup Automation Head Office 4 Kings Road NEW LAMBTON NSW 2305 Northern NSW Unit 3, Robertson Court 106 Main Street ALSTONVILLE NSW 2477 VIC Suite 1.02, Bldg B, 18-24 Ricketts Road MOUNT WAVERLEY VIC 3149 QLD 1/276 Abbotsford Road BOWEN HILLS QLD, 4006 Sydney 91 Phillip Street PARRAMATTA NSW 2150	Allison Daly Marketing Coordinator Tel: 1300 742 247 Email: automation@safegroup.com.au Web: https://www.automation.safegroup.com.au	80	Control System Integrators	Yes – Tertiary	No	No	No	SAFEgroup Automation is a leading Australian provider of control system engineering services. We offer a comprehensive range of control system services, extending from electrical engineering and design through to business system.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Stantec Australia Pty Ltd Unit 2A, 796 Hunter Street NEWCASTLE WEST NSW 2302 (previously Engenium A Pty Ltd)	Heath Baker Group Leader, NSW Tel: 02 4940 4100 Email: heath.baker@stantec.com Web: www.stantec.com	50 -Newcastle	Asset Management Atmospheric Sciences Buildings Engineering Civil Engineering Climate Change Construction Management Contaminated Land Detailed Engineering & Design - Structural / Civil - Mechanical - Electrical Electrical Engineering Engineering Design, Technical Advisory & Construction Supervision Environmental Assessment Environmental, Health & Safety Compliance Geotechnical Engineering & Materials Testing Hazardous Area Classification	Yes	Yes	Yes	Yes	We design with Community in mind. Communities are fundamental. Whether around the corner or across the globe, they provide a foundation, a sense of place and of belonging. That's why at Stantec, we always design with community in mind. We care about the communities we serve—because they're our communities too. This allows us to assess what's needed and connect our expertise, to appreciate nuances and envision what's never been considered, to bring together diverse perspectives so we can collaborate toward a shared success. We're designers, engineers, scientists, and project managers, innovating together at the intersection of community, creativity, and client relationships. Balancing these priorities results in projects that advance the quality of life in communities across the globe. Stantec trades on the TSX and the NYSE under the symbol STN.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Stantec Australia Pty Ltd *(continued from page 36...)*			Infrastructure Management & Paving Engineering Material Handling Systems Mechanical Engineering Planning Plant Construction Management & Inspection Process Engineering Project Planning, Design & Delivery Remediation & Revitalisation Structural Engineering Sustainability & Building Performance Utility Engineering Water Resources and Services					
Subsidence Advisory NSW (formerly Mine Subsidence Board) PO Box 488G NEWCASTLE NSW 2300 117 Bull St NEWCASTLE WEST NSW 2302	Joseph D'Ermilio Chief Executive Officer Tel : 02 4908 4300 Email: subsidenceadvisory@customerservice.nsw.gov.au Web: www.subsidenceadvisory.nsw.gov.au	4	Civil Mine	No	No	No	No	Mine Subsidence, Building & infrastructure, Reconstruction, Risk Engineering, Project Management, Development Control & Planning.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Tamworth Regional Council Ray Walsh House 437 Peel St TAMWORTH NSW 2340 PO Box 555 TAMWORTH NSW 2340	Peter Resch Director Regional Services Bruce Logan Director Water and Waste Tel: 02 6767 5555 Email: trc@tamworth.nsw.gov.au Web: www.tamworth.nsw.gov.au	54	Civil Development Assets Strategy Infrastructure Water Waste	Yes	Yes	Yes	Yes	Local government engineering in the fields of Civil Construction, Survey, Project Management, Asset Maintenance, Roads and Drainage Infrastructure, Sewer, Water and Waste.
Tetra Tech Coffey Pty Ltd Citadel Tower, Level 19 Tower B/799 Pacific Highway CHATSWOOD NSW 2067	Aaron Sharp HR Officer Tel: + 61 2 9406 1000 Email: HRServices@coffey.com Web: https://www.tetratechcoffey.com/	411	Workplace Health and Safety Site Assessment and Remediation Enviro and Social Management Assessment Geo Architectural Struct Civil Elec Mech Piping	No	No	No	No	Tetra Tech Coffey's experts are at the forefront of their specialisation in engineering, geotechnical, testing, environmental and project management services. We deliver technical excellence to manage complex risks and create innovative and exciting opportunities in collaboration with our clients – providing value throughout the whole asset lifecycle.
Thales Australia, Newcastle Private Bag 72 CARRINGTON NSW 2294	Scott Jackson Engineering Manager Tel : 02 4924 5038 Email: scott.jackson@thalesgroup.com.au Web: https://www.thalesgroup.com/en/countries/asia-pacific/australia	16	Elec Elcr Mech Naval architect	No	No	No	No	Leading the way in Aerospace, Defence, Transport and Security. Thales in Australia is part of a leading international electronics and systems group serving the defence, aerospace and space, security, and transport markets in Australia and throughout the world.

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Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Tierney Consulting Engineers PO Box 575 ARMIDALE NSW 2350	Marion Tierney Secretary Tel: 02 6771 1678 Email: armidale@tierney.com.au Web: www.tierney.com.au	3	Civil Struct	No	No	Yes	No	We carry out structural and civil design for residential and commercial building developments in Armidale and the surrounding district.
Transport for NSW The Store Level 5, 6 Stewart Avenue NEWCASTLE WEST NSW 2302 Email: Hunter_Emails@rms.nsw.gov.au	Glenda Watts Corporate concierge Tel: 0459 981 157 Email: 6StewartAve.Concierge@transport.nsw.gov.au Web: roads-waterways.transport.nsw.gov.au	111	Road Design Road Network Planning Road Construction Road Maintenance	Yes	Yes	Yes	Yes	North region transport projects, road construction and maintenance.
Tweed Shire Council PO Box 816 Civic & Cultural Centre, Tumbulgum Road MURWILLUMBAH NSW 2484	Tim Mackney Manager Infrastructure Delivery Tel: 02 6670 2477 E: tmackney@tweed.nsw.gov.au Web: www.tweed.nsw.gov.au	40	Civil Mech Elec Chem Coastal Enviro Proj Mgt	Yes	Yes	Yes	Yes	Construction Procurement Roads, Bridges & Stormwater Water & Wastewater Development Engineering Flood Mitigation Waste Management Coastal Engineering Recreational Services Buildings Design Survey
UGL 16 Broadmeadow Road BROADMEADOW NSW 2292	David Pich Projects - Chief Engineer T: 02 9492 1279 E: david.pich@ugllimited.com W: www.ugllimited.com	50	Mech Elect Struct Systems Project	Yes	Yes	Yes	No	Engineering design, manufacture, test and commissioning, operations and maintenance of railway rollingstock utilising Mechanical, Electrical, Structural, Systems and Project Engineers

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
University of Newcastle Faculty of Engineering and Built Environment University of Newcastle CALLAGHAN NSW 2308	Professor Lee Smith Pro Vice-Chancellor Tel: 02 4921 5906 Fax: 02 4921 7062 Email: PVC-CESE@newcastle.edu.au Web: www.newcastle.edu.au	70	Civil Chem Elec CmpSc Enviro Mech Mine Ind Renewable Energy Aerospace Systems Medical Engineering	No	No	Yes	Yes	Chemical Engineering; Civil, Surveying and Environmental Engineering (including Mining engineering); Mechanical Engineering (including Mechatronics); Computer Science and Software Engineering; Electrical and Computer Engineering (including Telecommunications). Architecture, Construction, Management, Industrial Design.
Varley Group 21 School Drive TOMAGO NSW 2322	Casey Provost HR Administrator Tel: 02 4964 0413 Email: casey.provost@varleygroup.com Web: varleygroup.com.au	30	Mech Engineer Mechanical Structural Engineer Mechanical Automotive Engineer Mechanical & Computing Engineer Electrical Engineer Naval Architect Engineer Marine and Mechanical Engineer	Yes	Yes	Yes	Yes	The Varley Group delivers engineered solutions and support services to the Defence, Aviation, Vehicle, Rail, Marine and Energy Industries. Areas of projects include, Defence shelters, vehicle modules, aircraft ground support equipment, marine gangways and watercraft, emergency to various commercial vehicles and specialised vehicles and projects.

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ENGINEERS AUSTRALIA

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Vinsi Partners Pty Ltd Newcastle Office 6 Webster Street HAMILTON NSW 2303 Sydney Office 2.4/56 Delhi Road NORTH RYDE NSW 2113 Brisbane Office 733 Logan Road Stones Corner QLD 4120	Shane Linton Partner Principal Structural Engineer Tel: 02 4961 7700 Email: slinton@vinsi.com.au Web: www.vinsi.com.au	12	Durability, corrosion and structural engineering consulting services	Yes - tertiary	No	No	No	Vinsi Partners are a consulting engineering firm delivering non-conflicted services in the fields of Corrosion Engineering, Durability Assurance, Structural Engineering, Advanced Inspections, Specialist Drafting and Expert Witness.
Walcha Council PO Box 2 WALCHA NSW 2354	Phillip Hood Director Infrastructure Tel: 02 6774 2500 Email: council@walcha.nsw.gov.au Web: www.walcha.nsw.gov.au	6	Civil	Yes	Yes	Yes	Yes	Local Government Engineering, maintenance and construction of roads, bridges, recreation areas, water and sewer.
WSP Australia Pty Limited Level 3 55 Bolton Street PO Box 1162 NEWCASTLE NSW 2300 Singleton Office: Suite 6, 128 John Street SINGLETON NSW 2330	Scott Johnson Team Manager, NSW Engineering Tel: 02 4929 8300 Fax: 02 4929 7299 Email: newcastle@wsp.com Tel: 02 6572 3377 Email: singleton@wsp.com	Over 100	Civil Enviro Geo Hydrological Materials Handling Rail Road Struct Transport Mech Elec	Yes	Yes	Yes	Yes	Project and construction management, civil engineering design and planning, structural engineering, transportation and traffic, geotechnical, drainage, flood risk management, flood studies, mine infrastructure, urban development, environmental planning, ecology, materials handling, contaminated land management, electrical engineering and controls, hazardous materials assessment and acoustics.

ENGINEERING STUDIES

TEACHER DEVELOPMENT PROGRAM & PRESENTATIONS

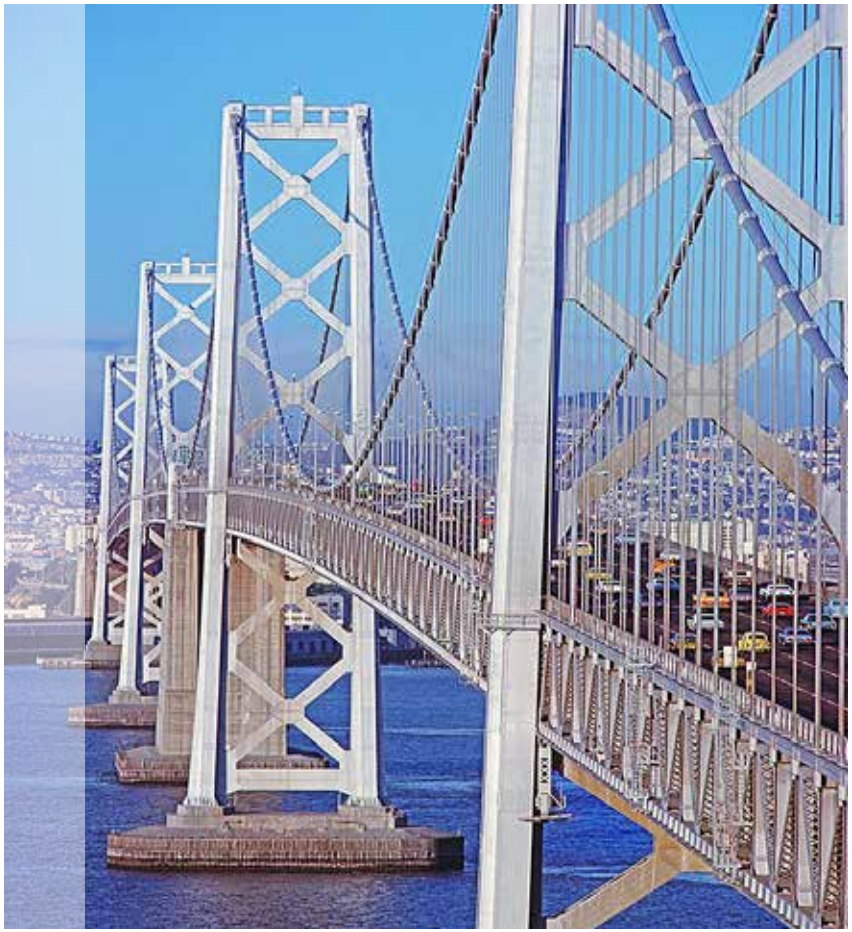
ENGINEERS AUSTRALIA

From its inception in 2015, Newcastle Division has been working with Engineering Studies teachers to develop a program which will assist in delivering the curriculum to senior high school students.

Each online presentation aligns to a module in the current year 11 and 12 syllabus, providing current industry information as well as practical application of aspects of engineering. Teachers take away with them the presentation slides/handouts from each session which can then be used to deliver the module in class.

These sessions provide teachers with tangible resources and are a valuable link between our Engineering Studies teachers, industry, and the engineering profession.

Visit the Engineers Australia website to view past webinar presentations and resources at: https://www.engineersaustralia.org.au/For-Students-And-Educators/NESA or contact the office on (02) 4911 7310.



ABOUT ENGINEERS AUSTRALIA

HELPING TO BUILD YOUR CAREER

ENGINEERS
AUSTRALIA

What does Engineers Australia do for your Career?

You are on the brink of earning your engineering qualification - you're about to reap the rewards of years of study by entering one of the most satisfying, well paid and secure professions in today's challenging world.

The decisions you make now will affect the evolution of your career. Members of Engineers Australia have a competitive advantage in the world market and represent the diversity and vitality of engineering.

The range of products and services offered by Engineers Australia is designed to aid members with their careers. Continuous career development in their chosen disciplines, management and leadership are common threads.

Membership of one of the world's premier engineering bodies provides advantages and opportunities that will enhance your status within the engineering community.

As a member of Engineers Australia you will also play a role in clarifying and promoting the professional standing of the engineering team.

Student membership of Engineers Australia is FREE.

You can join online at: **https://yea.engineersaustralia.org.au/student-membership**

Student membership comes with a range of benefits including:

- Comprehensive range of career assistance through Frontier
- A range of opportunities for professional development through seminars, workshops and technical presentations
- Networking with other Young Engineers on and off campus
- Regular emails and electronic student newsletters
- A copy of this publication
- Easy upgrade to Graduate Member once you have completed your studies

Chartered Professional Engineer (CPEng) and the National Engineering Register (NER)

When you commence working as a professional engineer you will be entering yet another steep learning curve. In earlier days we might have referred to it as an apprenticeship - learning by doing. You will commence and continue to develop and demonstrate throughout your working life a range of competencies, both generic and specifically related to your practice as an engineer.

After some years, depending upon your abilities and experiences, you should be in a position to be able to satisfy Engineers Australia's national Generic Competency Standards to become a Chartered Professional Engineer. Realistically, unless you have had extensive pre graduating experience, this will take you from three to five years.

The status of Chartered Professional Engineer is the benchmark in Australia for the fully qualified professional engineer, who is competent to practice independently in his or her field of engineering and who has committed themselves to ethical practice and to continuing professional development.

You may also register on the National Engineering Register (NER), a national government sponsored, independently directed public register that is administered by Engineers Australia.

Being on the NER means that people from all over the world, be they clients, employers or others, will be able to verify your engineering credentials with confidence by means of simply visiting the website www.nerb.org.au. Only engineers who have satisfied the competencies required of a Chartered Professional Engineer can be placed on this register.

THE ENGINEERING DIRECTORY

NEWCASTLE 2022

ENGINEERS AUSTRALIA

CONTACT DETAILS

Engineers Australia
Newcastle Division

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125 Bull Street,
Newcastle West NSW 2302

Telephone: 02 4911 7310
Email: newc@engineersaustralia.org.au

LEGEND

(a) Subject to vacancies and budget provisions
(b) Unpaid
(c) Occasionally
(d) Upon application and subject to current policy
(e) Dependent on availability

ABBREVIATIONS

Asset Mgt	Asset Management
Agric	Agricultural
BdgSrv	Building Services
Chem	Chemical Engineering
Civil	Civil Engineering
CmpSc	Computer Science
Comms	Communications
Comrc	Commerce
Elec	Electrical Engineering
Elecr	Electronics Engineering
Elecsc	Electrical Science
Eng Sc	Engineering Science
Engtec	Engineering Technology
Enviro	Environmental
Geo	Geotechnical
Ind	Industrial
Instrum	Instrumentation
IT/Contr	IT/Control Systems
Matrl	Materials Handling Maint.
Math	Mathematics
Mech	Mechanical Engineering
Mechtron	Mechatronics
Metl	Metallurgists
Mine	Mining
Proj	Project Engineers
Proj Mgt	Project Management
Petroch	Petrochemical
Software	Software Engineering
Struct	Structural Engineering
Surv	Survey
Tech	Technical
Trade	Trade Personnel

For information please visit: **https://www.engineersaustralia.org.au/About-Us/Divisions/Newcastle**

DIRECTORY NOTES

AND OTHER HELPFUL INFORMATION

ENGINEERS
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