



ENGINEERS
AUSTRALIA

THE ENGINEERING DIRECTORY

NEWCASTLE
2019



Engineers Australia - Newcastle Division

T: 02 4911 7310 **E:** newc@engineersaustralia.org.au

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

ENGINEERS AUSTRALIA

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)

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.

- Advitech Pty Limited
- APD Engineering
- Aurecon Australia
- Ballina Shire Council
- Bureau Veritas
- Constructive Solutions
- CSIRO Energy Centre
- Dubbo City Council
(only in Dubbo for face to face mentoring)
- Hunter Water Corporation
- Nambucca Shire Council
- Northrop Engineers Pty Ltd
- ORICA
- RPC Technologies
- Tierney Consulting Engineers
(subject to commitments)



ENGINEERS
AUSTRALIA



TABLE OF CONTENTS

THE ENGINEERING DIRECTORY



NEWCASTLE DIVISION PROFILE	4
THE ENGINEERING DIRECTORY	5
DEVELOPMENT PROGRAM	35
ABOUT ENGINEERS AUSTRALIA	36
CONTACT AND LEGEND	37
NOTES	38



ENGINEERS
AUSTRALIA

ENGINEERS AUSTRALIA

NEWCASTLE DIVISION PROFILE



ENGINEERS
AUSTRALIA

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

Frontier 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.

Frontier does just that. It's the young engineer's guide to getting ahead.

For more information visit:

<https://frontier.engineersaustralia.org.au/about/>



THE ENGINEERING DIRECTORY

2019

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 E: tcrosby@4tel.com.au Tel: 02 4923 4100 Joanne Wust Marketing & Communications Executive E: jwust@4tel.com.au Tel: 02 4923 4113	~ 30	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 Level 1, 54 Union Street Cooks Hill Newcastle 2300	Bob Staniland Principal Civil Engineer Tel: 02 4926 4811 E: Newcastle@acor.com.au Web: www.acor.com.au	Newcastle – 18 Australia wide - 200	Civil Struct BdgSrv Petroch Hydraulics	Yes	No	Yes	No	Civil for land development, siteworks, stormwater management, roads, intersections, water and sewer. Structural for buildings, mining and materials handling. Building services for hydraulic and fire. Petrochemical, dangerous goods, defence and aviation industries.
Advitech Pty Limited 7 Riverside Drive MAYFIELD WEST NSW 2304 PO Box 207 MAYFIELD NSW 2304	Steven Smith Managing Director Tel: 02 4924 5400 Fax: 02 4967 3772 Email mail@advitech.com.au Web: www.advitech.com.au	23	Mech Chem Civil Struct Enviro Proj	Yes	Yes	Yes	Yes	Engineering design and drafting (mechanical, civil, structural, process, environmental), risk management and functional safety, environmental planning, project management, and sustainability.

THE ENGINEERING DIRECTORY

2019



Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
<p>ADW Johnson 5 Pioneer Avenue TUGGERAH NSW 2259</p> <p>7/335 Hillsborough Road WARNERS BAY NSW 2282</p> <p>Level 35, One International Towers 100 Barangaroo Avenue SYDNEY NSW 2000</p>	<p>Mark Kelly Engineering Department Manager – Senior Engineer Tel: 02 4305 4300 Email: markk@adwjohnson.com.au Web: adwjohnson.com.au</p>	49	Civil Sewer & Water RMS Proj Man	Yes	Yes	Yes	No	<p>Civil Engineering – concept and detailed design of roads, intersection, bulk earthworks, drainage.</p> <p>Sewer and Water – stormwater detention, water sensitive urban design, water cycle management plans, flood studies, design of local and regional water and wastewater infrastructure.</p> <p>RMS – design of intersections (signalised and unsignalised)</p> <p>Project Management –contract administration and superintendency, preparation of tender documents including detailed estimates.</p> <p>ADW Johnson is a multi-disciplinary development Services Company with a total staff of approximately 100 between offices located in Sydney, Central Coast and Warners Bay. ADW Johnson has developed an excellent reputation for delivering exceptional service to a wide range of clients, including large developers and government agencies.</p>

THE ENGINEERING DIRECTORY

2019



Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
<p>AECOM 17 Warabrook Boulevard WARABROOK NSW 2304</p> <p>St Patrick's Commercial Centre Queen Street Singleton NSW 2330</p>	<p>Ian Richardson Hunter Area Manager Tel: 02 4911 4900 Email: newcastle@aecom.com</p>	100-120	Asset Mgt BdgSrv Chem Civil Comms Elec Enviro Geo Ind Mech Mine Process Project Mgt Struct Water	Yes	Yes - Limited	Yes	Yes	<p>AECOM is built to deliver a better world. We design, build and operate infrastructure assets for governments, businesses and organisations in more than 150 countries. As a fully integrated firm, we connect knowledge and experience across our global network of experts to help clients solve their most complex challenges. From high-performance buildings and infrastructure, to resilient communities and environments, to stable and secure nations, our work is transformative, differentiated and vital.</p> <p>We are passionate about the future of the Hunter region. With over 120 staff in the Hunter, 2,500 staff in Australia and almost 100,000 staff globally working with us means you are part of a huge network of some of the industry's brightest minds.</p>
<p>Alan Taylor & Associates 453 Ocean Drive LAURIETON NSW 2443</p>	<p>Liz Ridland Office Manager Tel: 02 6559 8288 Email: office@alantaylor.com.au Web: www.alantaylor.com</p>	8	Struct Civil	Yes	Yes	No	No	Structural and Civil engineering consultants. Residential, industrial and commercial buildings. Subdivision and stormwater design.
<p>Ampcontrol Pty Ltd Head Office 21 Old Punt Road TOMAGO NSW 2322</p>	<p>Mikhaila Halford Learning & Development Specialist Tel: 02 4961 9000 Fax : 02 4913 9599 Email: hr@ampcontrolgroup.com Web: www.ampcontrolgroup.com</p>	45	Elec Elec Mechtron Mech	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.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
<p>APD Engineering PO BOX 440 Newcastle, NSW 2300</p> <p>Level 5, 77 Hunter Street Newcastle NSW 2300</p>	<p>Tim de Grauw Director Email: admin.nsw@APDeng.com.au Web: www.APDeng.com.au Tel: 1300 273 797</p>	200+	<p>Elec(G&T&D) Comms/NBN Commissioning Control Earthing EPCM Land Develop Lighting Lines (OH&UG) Mining Power Systems Renewables Structural Substations</p>	No	No	Yes	No	<p>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.</p>
<p>APP Corporation Pty Limited Level 2 426 King St NEWCASTLE NSW 2300</p>	<p>Peter Allen Northern NSW Regional Manager Phone: 02 4928 7600 Email: peter.allen@app.com.au Web: www.app.com.au</p>	42 in NSW		Yes	Yes	Yes	Yes	<p>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.</p>
<p>Arkhill Engineers 53 Bonville Avenue THORNTON NSW 2322 PO Box 29 MAITLAND NSW 2320</p>	<p>Mark Smith & Ronald Klok Directors Tel: 02 4088 0700 Fax: 02 4964 2104 Email: arkhill@arkhill.com.au</p>	15	<p>Mech Elec Civil Struct</p>	No	No	No	No	<p>Engineering consultants to the mining, power and construction industries in the areas of mechanical, electrical, civil, structural and project management.</p>
<p>Armidale Regional Council 135 Rusden Street ARMIDALE NSW 2350</p>	<p>Mark Burgess Service Leader – Roads Maintenance, Parks & Facilities Tel: 02 6770 3875 Fax: 02 6772 9275 Email: mburgess@armidale.nsw.gov.au Web: www.armidale.nsw.gov.au</p>	16	<p>Civil Local Gov. Eng</p>	Yes	Yes	Yes	Yes	<p>Armidale Regional Council is a multipurpose local government Council supplying services in the design, construction and maintenance of public infrastructure such as roads, bridges, water and sewerage, parks and gardens, floodplain management, waste, stormwater drainage, buildings, asset management services and environmental management.</p>

THE ENGINEERING DIRECTORY

2019

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Australian Rail Track Corporation (ARTC) 20 Newton Street BROADMEADOW NSW 2292	Jennie Peck Human Resource 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 application 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 Boulevard WARABROOK NSW 2304	Jane Moran Newcastle Manager Tel: +61 2 4941 5425 Email: jane.moran@aurecongroup.com Web: www.aurecongroup.com	Newc. 70 Global 1,000	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.
BAE SYSTEMS Australia Williamtown Drive WILLIAMTOWN NSW 2318	Andrew Chapman F-35 Campaign Manager Tel: 02 4928 9235 Web: www.baesystems.com.au	Newc 80+ Database 1000+	Mech Elec Software Systems ILS Aerospace	Please contact Company for details				Australian Defence Force (ADF) development & support products
Ballina Shire Council Cnr Cherry & Tamar Sts PO Box 450 BALLINA NSW 2478	John Truman Group Manager Civil Services Tel: 02 6686 4444 Fax: 02 6686 9514 Email: council@ballina.nsw.gov.au	12	Civil	Yes	Yes	Yes	Yes	Civil Engineering Design, Construction - Maintenance relating to General purpose Council. www.ballina.nsw.gov.au

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Barker Ryan Stewart Unit 1, 17 Babilla Close BERESFIELD NSW 2322	Jessica Shaw Administration Officer Tel: 02 4966 8388 Email: hunter@brs.com.au Web: www.brs.com.au	45 – across 4 offices	Civil Surv Traffic Engineer	Yes	No	Yes	No	Barker Ryan Stewart offers our clients total project solutions by being involved in the property development process each step of the way from planning and civil engineering to private certification and project management. Our core services include town planning, project management, civil engineering, surveying, traffic engineering, private certification and RMS project verification services.
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
BG & E Pty Limited L1, 163 King Street NEWCASTLE NSW 2300	Peter Shrewsbury Principal – Newcastle Manager Phone: 02 4902 3000 Email: peter.shrewsbury@bgeeng.com Web: www.bgeeng.com	300 Nationally 7 locally	Civil Struct Bridge structures Buildings Facades Materials technology	No	No	No	No	BG&E is a civil engineering based consultancy operating in the above and related areas covering, buildings, infrastructure, resources, transport, marine and other sectors. BG&E is known for its innovative, cost-effective and award-winning designs. We are renowned for our 'can do' attitude and our ability to successfully deliver complex projects in a challenging industry.
BlueZone Group Pty Ltd 21 Huntingdale Drive THORNTON NSW 2322	Elizabeth Karpel Chief Operations Officer E: Elizabeth.karpel@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.

THE ENGINEERING DIRECTORY

2019

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
BMT Eastern Australia Pty Ltd (formerly BMT WBM Pty Ltd) 126 Belford Street PO Box 266 BROADMEADOW NSW 2292	Darren Lyons Business Unit Leader NSW & Vic – Environment Richard Douckov Team Leader Newcastle - Machinery Tel: 02 4940 8882 Fax: 02 4940 8887 Email: newcastle@bmtglobal.com Web: www.bmt.org	21	Mech Civil Enviro Coastal Flood	No	No	No	No	Mechanical, mining machinery, strain gauging, stress analysis, vibration measurement, CFD, coastal zone management, environmental assessment, flood modelling and risk management, urban stormwater management, WSUD, GIS
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.
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	<ul style="list-style-type: none"> • Precast Concrete Design & Detailing • Reinforced Concrete • Structural Steel • Structural Timber • Stormwater • Mine Seals
Cardno (NSW/ACT) Pty Ltd 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	No	No	No	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.

THE ENGINEERING DIRECTORY 2019



Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Cardno (NSW/ACT) Pty Ltd 1/10 Denney Street BROADMEADOW NSW 2292	Daniel Sutcliffe Business Unit Manager Tel: 02 4965 4555 Fax: 02 4965 4666 Email: newcastle@cardno.com.au Web: www.cardno.com.au	20	Planning Civil Struct Proj Mgt Hydrology Surv Elec Enviro Geo	Yes	Yes	Yes	Yes	Planning advise, Civil, road transport, water and sewer design for land development projects. Project management. Flood studies, environmental, geotechnical, survey, civil and structural engineering.
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	5	Elec Mech Hydraulic Power	Yes	Yes	Yes	No	Powerline design (overhead, underground, HV & LV). Building Services, electrical, mechanical & hydraulic design, energy modelling & analysis.

THE ENGINEERING DIRECTORY

2019

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
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	Yes	Yes	Yes	Local Government Engineering including roads, bridges, water supply, sewerage, stormwater and floodplain management.
Coffey Geotechnics Pty Ltd 19 Warabrook Boulevard WARABROOK NSW 2304	Patrick Gibbons Associate Geotechnical Engineer Tel: 02 4016 2300 Fax: 02 4016 2380 Web: www.coffey.com	18	Geo Enviro G.Water Mine Proj Materials Testing	Please contact Company for details				Geotechnical engineering for civil engineering projects, slope stability, dams, subdivisions, mine geotechnics, mine subsidence, tailings dams, contamination assessments and remediation, soils & groundwater. Environmental audits, impact assessments.
Collins & Associates Engineers Pty Ltd PO Box 672 TAREE NSW 2430	Bruce Collins Director Tel: 02 6552 5277 Email: admin@collinsengineers.com.au	1	Struct Civil	No	No	No	No	Structural & Civil.
Constructive Solutions Pty Ltd PO Box 1498 TAMWORTH NSW 2340	Steve O'Rourke Director Tel/Fax: 02 6762 1969 Mob: 0427 011 143 Email: steve@constructivesolutions.com.au Web: www.constructivesolutions.com.au	7	Civil Enviro	No	No	Yes	No	Project management, feasibility studies, environmental assessments, value management and risk management facilitation, road safety auditing, environmental auditing, tender and contract administration. Waste management and landfill design. Transport studies. Road, drainage and bridge design, community consultation.
CQT Services Pty Ltd PO Box 7030 Redhead, NSW, 2290 Unit 1, 2 Saltspray Close, Redhead NSW 2290	Michael van Koeverden Director Tel: 02 4944 7358 Mob: 0431 400 933 Email: michael@cqt.net.au Web: www.cqt.net.au	2	Civil Engineer- ing Materials Specialist	No	No	No	No	Specialist consulting advice on the use, specification, application and construction with concrete and quarry materials. Professional engineering training on materials, troubleshooting, root cause analysis, dispute resolution and legal positioning.
Cronshaw & Associates P O Box 4134 COFFS HARBOUR JETTY NSW 2450	Rick Cronshaw Principal Engineer Tel: 02 6658 2962 Email: cronshaw1@bigpond.com	2	Mech Hydraulic Fire Protection	No	No	No	No	Mechanical & Hydraulic/Fire Protection. Building services design.

THE ENGINEERING DIRECTORY 2019



Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
CSG Engineering Pty Ltd Unit 13, 78 Albert St WARNERS BAY NSW 2282	Steve Savage & Bruce Fletcher Directors Tel: 02 4948 0266 Email: mail@csgeng.com.au	7	Civil Struct Geo	No	Yes	Yes	Yes - possible	We offer engineering advice on civil, geotechnical and structural aspects for small to medium commercial/industrial projects and all manner of residential projects
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	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 excellence and innovation. Engineers are working with innovations for Low Emission Fossil Fuels and in Renewable Energy, Management and Storage.
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 Devitt Director Infrastructure and Operations Tel: 02 6801 4800 Fax: 02 6801 4819 Email: Chris.Devitt@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 City Council is a highly regarded Local Government Authority across all of Australia.

THE ENGINEERING DIRECTORY

2019

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Engenium Pty Ltd 796 Hunter St NEWCASTLE WEST NSW 2302	Heath Baker Executive General Manager Tel: 02 4940 4100 Email: Heath.Baker@engenium.com.au Web: www.engenium.com.au	30+	Civil Struct Design Drafting Elect Controls & Instrum Ind Infrastruct & Buildings Matrl Handling Solutions Metallurgical Testwork & Process Eng Process Plants Rail Eng	Yes	No	Yes	No	<p>From its beginnings in 2003, Engenium has developed a solid reputation as a trusted multi-disciplined Engineering and Project Delivery Consultant to the mining, resource and industrial infrastructure sectors.</p> <p>Our approach is built on responsiveness, flexibility and developing long-term relationships with our clients. You can rely on us to deliver value and business results.</p> <p>Here at Engenium, we understand that your project has unique requirements. We know that your business is structured differently to others and has varying levels of in-house capability and capacity. We understand that your project has particular drivers and requires a fit-for-purpose solution. Our flexible approach to project delivery was developed to address your unique needs and provide a personalised solution which delivers the right business outcomes for you.</p> <p>Our goal is to help you increase the financial value of your assets. We do this by:</p> <ul style="list-style-type: none"> - Proving project viability through feasibility studies - Fast tracking projects into operation to generate cash flow - Improving mine efficiencies to increase production and reduce operating costs - Maximising our clients project investment

THE ENGINEERING DIRECTORY 2019



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) 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	<p><i>Engineering Advice</i> 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.</p> <p>We base our engineering advice on a thorough investigation using advanced Finite Element Analysis (FEA) simulation techniques, Test Measurements and Field and Forensic Investigation.</p> <p>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.</p> <p>To find out more or get some advice, please feel free to contact us or visit our website.</p>
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.
ESP PERSONNEL Pty Ltd (Engineering, Safety and Project Personnel) PO Box 425 KOTARA FAIR NSW 2289	Phillip McKiernan MIE Aust Manager Mobile: 0414 622 834 Email: esppersonnel@myoffice.net.au	Data base + Local network	All disciplines sourced Mech Civil Elec Struct Admin Etc	Yes	No	Yes	No	Technical and engineering contract and permanent staff placements – Engineering employment agent. Engineering & project support staff –Engineers, Drafters, Site and Admin contract staff. OH&S, Dangerous Goods, Work Cover accredited services and training. Dangerous Goods Consultant.

THE ENGINEERING DIRECTORY

2019



Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
GeoLINK Consulting Pty Ltd PO Box 119 LENNOX HEAD NSW 2478	Duncan Thomson Director/Engineer Maree Walo, HR Tel: 02 6687 7666 Fax: 02 6687 7782 Email: info@geolink.net.au Web: www.geolink.net.au	5	Enviro Civil	Yes	No	Yes	No	GeoLINK specialises in civil engineering services relating to the design and development of subdivisions of all sizes, 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, integrated water management and natural resource management.
Geolyse Pty Ltd Part of 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: admin@geolyse.com Web: www.geolyse.com	13 (NSW)	Civil Enviro Struct	Yes	Yes	Yes	No	Geolyse specialises in Civil, Environmental & Structural Engineering providing Conceptual Planning & Design Investigations Detailed Design & Documentation Project Management Surveying Town Planning Architecture Environmental Consulting

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
<p>GHD</p> <p>Level 3 GHD Tower 24 Honeysuckle Drive NEWCASTLE NSW 2300 PO Box 5403 HUNTER REGION MAIL CENTRE NSW 2310</p> <p>Level 1 Coal Services Building 1 Civic Avenue SINGLETON NSW 2330 PO Box 415 SINGLETON NSW 2330</p> <p>Level 1 62 Clarence Street PORT MACQUARIE NSW 2444 PO Box 2875 PORT MACQUARIE NSW 2444</p> <p>230 Harbour Drive COFFS HARBOUR NSW 2450 PO Box 1340 COFFS HARBOUR NSW 2450</p>	<p>Phil Pigram Manager – Hunter and Northern NSW Tel: 02 4979 9999 Fax: 02 4979 9988 Email: ntlmail@ghd.com Web: www.ghd.com</p> <p>Mal Peattie Manager – Hunter Valley Tel: 02 6570 3500 Fax: 02 6570 3501 Email: sinmail@ghd.com Web: www.ghd.com</p> <p>Amylia Fletcher Manager - Port Macquarie Tel: 02 6586 8700 Fax: 02 6586 8701 Email: pqqmail@ghd.com Web: www.ghd.com</p> <p>Andy Oliver Manager – Coffs Harbour Tel: 02 6650 5600 Fax: 02 6652 6021 Email: cfsmail@ghd.com Web: www.ghd.com</p>	<p>200+ in Hunter & Northern NSW</p>	<p>All support</p>	<p>Yes, limited</p>	<p>Yes, limited</p>	<p>No</p>	<p>No</p>	<p>GHD is one of the world's leading professional services companies operating in the global markets of water, energy and resources, environment, property and buildings, and transportation. We provide engineering, architecture, environmental and construction services to private and public sector clients.</p> <p>Established in 1928 and privately owned by our people, GHD operates across five continents – Asia, Australia, Europe, North and South America – and the Pacific region. We employ more than 10000 people in 200+ offices to deliver projects with high standards of safety, quality and ethics across the entire asset value chain. Driven by a client-service led culture, we connect the knowledge, skill and experience of our people with innovative practices, technical capabilities and robust systems to create lasting community benefits.</p>

THE ENGINEERING DIRECTORY

2019

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 18...) Suite 10 Zenith Building 6 Reliance Drive Tuggerah Business Park TUGGERAH NSW 2259 PO Box 3220 TUGGERAH NSW 2259 Suite 8, Atrium Business Centre 345 Peel Street TAMWORTH NSW 2340 PO Box 327 TAMWORTH NSW 2340	David Barrett Manager - Central Coast Tel: 02 4350 4100 Fax: 02 4350 4101 Email: centralcoastmail@ghd.com Web: www.ghd.com James McPherson Manager – Northwest NSW Tel: 02 4979 9900 Fax: 02 4979 9988 Email: ntlmail@ghd.com Web: www.ghd.com	200+ in Hunter & Northern NSW	All support	Yes, limited	Yes, limited	No	No	
Hatch P O Box 5000 HRMC NSW 2310 Unit 4/60 Griffith Road LAMBTON NSW 2299	Wylie Pearson Newcastle Hunter Manager Tel: 02 4968 6868 Fax: 02 4968 6800 Email: wylie.pearson@hatch.com Web: www.hatch.com.au	20	Mech Civil Elec Chem Proj Services & Constr Mgmt	Yes	No	No	No	Full range of consultancy services spanning engineering, procurement, project and construction management on brownfield and greenfield sites in the infrastructure, energy and mining sectors.
Hopkins Consultants Pty Ltd Suite 1, 109 William Street PORT MACQUARIE NSW 2444	Michael Mowle Managing Director Tel: 02 6583 6722 Fax: 02 6584 9009 Email: Michael@hopcon.com.au Web: www.hopkinsconsultants.com.au	6	Civil	Yes	Yes	Yes	Yes - Ltd	Civil engineering design & drafting and civil engineering contract management and supervision, town planning & surveying are services provided by this land development company. Hopkins have played a major and diverse role in the development of Port Macquarie and the surrounding area since 1992. The Engineering team of 6 is headed by Chartered Civil Engineer, Michael Mowle.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
<p>Hunter H₂O</p> <p>Head Office - Newcastle 19 Spit Island Close, Mayfield West NSW 2304</p> <p>Adelaide Office 18-20 Grenfell Street Adelaide SA 5000 PO Box 3056 Rundle Mall Adelaide SA 5000</p> <p>Brisbane Office Suite 6C Level 6 288 Edward Street Brisbane QLD 4000</p>	<p>Carly Soutter Marketing Co-ordinator Tel: 02 4941 5000 Email: info@hunterh2o.com.au Web: www.hunterh2o.com.au</p>	100+	<p>Chem Enviro Elec Civil Mech Elec/Automation Proj. Mgt</p>	Yes	Yes	Yes	Yes	<p>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.</p> <p>We specialise in Planning and Advisory Services, Process Engineering, Design, Digital and SCADA, Operations Support, Asset Management and Project Management specifically for the Water Industry.</p> <p>Together with our Clients and Delivery Partners, we create the <i>right water solutions</i> to improve lives and support sustainable and healthy communities.</p>
<p>Hunter Water Corporation PO Box 5171 HRMC NSW 2310</p>	<p>For work experience/placements contact: People & Culture team E:recruitment@hunterwater.com.au Phone: 02 4979 9559 Web: www.hunterwater.com.au</p> <p>For school visits and excursions contact: Melissa Hole E: centreforeducation@hunterwater.com.au Phone: 02 4979 9631</p>	80+	<p>Civil Env Mech Elec</p>	Yes	Yes	Yes – depends on resources at time	Yes – but would require plenty of notice	<p>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.</p>
<p>Izzat Consulting Engineers Suite 4/56 Hudson Street HAMILTON NSW 2303</p> <p>Shop 137/243 Pyrmont Street SYDNEY NSW 2000</p> <p>6/292 Water Street Fortitude Valley QLD 4006</p>	<p>Tony Dockrill Director Tel: 02 4940 0090 Fax : 02 4940 0091</p>	9	<p>Civil Struct Asset Mgt</p>	Please contact Company for details				<p>Structural and Civil including: feasibility studies & concept designs, detail design & documentation, Construction detailing, Project Management, Expert Advice & Technical Reports.</p>

THE ENGINEERING DIRECTORY

2019

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Jacobs Group (Australia) 710 Hunter Street NEWCASTLE WEST NSW 2302 PO Box 2147 DANGAR NSW 2309	Kim Collings Manager, Newcastle Tel: 02 4979 2600 Fax: 02 4979 2666 Email: Kim.Collings@Jacobs.com Web: www.jacobs.com	45	Civil/Struct Mech Enviro Proj Mgt	Yes	Yes	No	No	Project management, civil, structural & mechanical engineering, transportation, environmental, water & wastewater, spatial services including survey.
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	18	Civil Traffic/Transport Enviro Engtec	Yes	Yes	Yes	Yes	Local government engineering and management of roads, buildings, bridges, drainage, traffic, waste, environment.
Lindsay Dynan Consulting Engineers Ground Floor, Suite 2 47 Darby Street NEWCASTLE NSW 2300 Central Coast Suite 506, Level 5 1 Bryant Drive TUGGERAH NSW 2259 Also Sydney & Perth	Scott Watson Managing Director Tel: 02 4941 9900 Fax: 02 4957 7507 Email: mail@lindsaydyan.com.au Web: www.lindsaydyan.com.au Tel: 02 8248 5500 Fax: 02 9251 6689	36 5	Struct Civil	Yes	No	No	No	Engineering Consultants to Industry, Mining, Infrastructure and Building Structural & Civil Design.
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.

THE ENGINEERING DIRECTORY 2019



Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Marline Newcastle 239 King Street NEWCASTLE NSW 2300	Brian Hunt Managing Director Tel: 02 4925 9300 Fax: 02 4926 3811 Email: bhunt@marline.com.au www.marline.com.au	23	Elec Mech Civil Plumbing Energy	No	No	No	No	Building services including electrical, mechanical, plumbing, stormwater, Energy Efficiency, NABERS Assessment.
Matrix Thornton Consulting Engineers 144 Oxley Island Road OXLEY ISLAND NSW 2430	Sherry Gilfillan Business Manager Tel: 02 6553 2577 Email: admin@matrixindustries.com.au Web: www.matrixthornton.com.au	4	Civil Struct Mech Acoustic	Yes	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. <ul style="list-style-type: none"> • 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

THE ENGINEERING DIRECTORY

2019



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 specialises 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 18431) covers an extensive range of industrial air emission parameters.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
MPC Consulting Engineers PO Box 553 THE JUNCTION NSW 2291 Suite 3, Level 1 16 Telford Street NEWCASTLE EAST NSW 2300	Derek Prentice Director/Senior Engineer Tel: 02 4927 5566 Email: admin@mpceng.com.au Web: www.mpceng.com.au	24	Civil Struct	Yes	Yes	Yes	Yes	MPC Consulting Engineers is a specialist structural and civil engineering consulting practice committed to providing a high quality client-focused service. MPC provide structural and civil engineering investigations, design, documentation, and construction phase assistance for projects locally in the Hunter Valley, Sydney, as well as rural NSW and abroad. MPC specialise in Residential, Commercial, Industrial, Health, Aged Care and Educational Facilities, Equine, Heritage, Defence and Expert Witness works.
MRA Engineering 18 Warabrook Boulevard 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.

THE ENGINEERING DIRECTORY

2019

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Muswellbrook Shire Council PO Box 122 MUSWELLBROOK NSW 2333	Gayan Abeywardena Assistant Director Community Infrastructure and Chief Engineer Tel : 02 6549 3761 Fax : 02 6549 3701 Email: council@muswellbrook.nsw.gov.au Web: www.muswellbrook.nsw.gov.au	14	Civil	Please contact Company for details				Local govt engineering, roads, bridges, parks, buildings, water & sewerage, assets management, waste management.
Nambucca Shire 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.
Nepean Power 58 Bonville Avenue (PO Box 3047) THORNTON NSW 2322	James Thorning Business Development Manager Tel: 02 4028 5000 Fax: 02 4028 5096 Web: www.nepeanpower.com	15+	Elec Electr	Yes	Yes	Yes	Yes	Electrical engineering & manufacturing company specialising in solutions for the mining sectors. Nepean Power employs Electrical & Electronic Engineers for the following areas – Electrical Design; Power System Design; Industrial Automation; Electronics; Project Management.

THE ENGINEERING DIRECTORY 2019



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 6136	18	Civil Enviro Struct Mech	Please contact Company for details				<p>Very wide ranging engineering expertise with a diverse scope of work:</p> <p>Asset engineers: provide the City's asset preservation programs for roads, buildings and structures, stormwater drainage, parks recreational and natural assets</p> <p>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</p> <p>Program development engineer: Providing asset management services for all infrastructure and natural assets owned or controlled by Council</p> <p>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</p> <p>Engineering surveyors: Plan and manage survey component of council projects to meet client briefs</p> <p>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.</p>

THE ENGINEERING DIRECTORY

2019

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: 02 4914 0800 Fax: 02 4914 0801 Email: office@nobleeng.com.au www.nobleeng.com.au	3	Mech Condition Monitoring Proj Mgt Inspections Drafting	No	No	No	No	Mechanical Engineers for Mining and Heavy Industry. Asset Management and Condition monitoring, NDT, Engineering Inspections and Reports. Project Management Engineering Staff Contract Placements. Engineering Certifications, Drafting
Northrop Consulting Engineers Newcastle Office: Level 1, 215 Pacific Highway CHARLESTOWN NSW 2290	Laura Brest Business Support Manager Tel: 02 4943 1777 Fax: 02 4943 1577 Email; newcastle@northrop.com.au Web; www.northrop.com.au	60	Civil Enviro Mech Struct Marine Engineering BCA Section J Flooding Facades	Yes	Yes – limited	Yes – on occasion	Yes – on occasion.	Structural, Civil & Mechanical, Project Feasibility, Flood Studies. Façade Engineering, Fabric Structures, Sustainability Engineering, BCA Section J, Energy efficiency & NABERS Assessment. Northrop requires a team of people to deliver results. We need Engineers, Technicians, Drafting Personnel in our teams. Students who would like to learn more are encouraged to contact us. Teachers who want help to inspire students are also welcome.
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	Yes – on occasion	Yes – on occasion.	We are committed to a diverse workforce and have technical staff keen to assist in encouraging females to consider our industry.

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	Robert Saxton Operations Manager - Newcastle Tel: 0418 759 710 Email: robert.saxton@novasystems.com Web: www.novasystems.com	20 in Newc. 450 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.
Onesteel Limited and Moly-Cop PO Box 245C NEWCASTLE NSW 2300	Email: recruitment@onesteel.com Web: www.libertyonesteel.com	Over 100	Chem CmpSc Elec Enviro Mech Proj	Yes	Yes	Ltd	Ltd	Asset maintenance, reliability improvement, process improvement, capital engineering, information systems, environmental management, materials sciences.

THE ENGINEERING DIRECTORY

2019

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
ORICA PO Box 80 MAYFIELD NSW 2304	Tel: 02 4908 9300 Email: kooragang@orica.com	10+	Mech Chem Elec	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.
Port Stephens Council PO Box 42 RAYMOND TERRACE NSW 2324	John Maretich Assets Section Manager Tel: 02 4988 0241 E: john.maretich@portstephens.nsw.gov.au Web: www.portstephens.nsw.gov.au	28	Civil	Yes - Tertiary	No	No	No	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 PO Box 497 EAST MAITLAND NSW 2323	Jason Styles Director Tel: 02 4964 2077 Fax: 02 4964 2088 Email: jason.styles@powerearth.com.au Web: www.powerearth.com.au	14	Elec	No	No	No	No	Consultants specialising in Earthing Systems Design & Testing. AC Interference Analysis, Power System Design & Protection Studies.
Public Works 117 Bull St NEWCASTLE WEST NSW 2302 155-157 Marius Street TAMWORTH NSW 2340	Drew Varnum Director, Hunter New England Region Tel: 02 4908 4999 Email: drew.varnum@finance.nsw.gov.au Web: www.publicworksadvisory.nsw.gov.au	25 2 2	Civil Mech Enviro	Yes	Yes	No	No	Project Electrical and Sewerage, Marine Structures.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
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	No	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
RCR ENERGY 'Upgrade and Maintenance' 11 Abdon Close BENNETTS GREEN NSW 2290	Michael Donaghue Engineering Manager Tel: 02 4914 8805 Web: www.rcrtom.com.au	4 Engineers 2 Draftsmen	Thermal and Mechanical design of pressure related equipment	Yes	Yes	Yes	Yes	In providing services and value to the petro-chemical, O&G, Mining, Energy & process sectors, RCR utilises engineers in design and development of project related work. Engineers work in cross disciplinary teams to support workshop and site maintenance teams and develop thermal & mechanical process pressure systems and structural equipment for its clients.
Roads & Maritime Services Locked Bag 30 NEWCASTLE NSW 2300	Reception Road and Maritime Hunter Region Tel: 02 4908 7804 Email: Hunter_Emails@rms.nsw.gov.au Web: www.rmservices.nsw.gov.au	111	Road Construct	Yes	Yes	Yes	Yes	Road construction and maintenance.

THE ENGINEERING DIRECTORY

2019

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
<p>RPC Technologies Pty Ltd 56 Clyde St BROADMEADOW NSW 2292</p> <p>24 Powers Road SEVEN HILLS NSW 2147</p>	<p>Virginie Murphy Engineering Manager Tel : 02 4911 5551 Fax : 02 4911 5581 E: Virginie.murphy@rpctechnologies.com Web: www.rpctechnologies.com</p>	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.
<p>Subsidence Advisory NSW (formerly Mine Subsidence Board) PO Box 488G NEWCASTLE NSW 2300 117 Bull St NEWCASTLE WEST NSW 2302</p>	<p>Joseph D'Ermilio Chief Executive Officer Tel : 02 4908 4300 Email: SA-mail@finance.nsw.gov.au Web: www.subsidenceadvisory.nsw.gov.au</p>	4	Civil Mine	No	No	No	No	Mine Subsidence, Building & infrastructure, Reconstruction, Risk Engineering, Project Management, Development Control & Planning.
<p>Tamworth Regional Council Ray Walsh House 437 Peel St TAMWORTH NSW 2340 PO Box 555 TAMWORTH NSW 2340</p>	<p>Peter Resch Director Regional Services</p> <p>Bruce Logan Director Water and Waste</p> <p>Tel: 02 6767 5555 Email: trc@tamworth.nsw.gov.au Web: www.tamworth.nsw.gov.au</p>	38	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.

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Thales Australia, Newcastle Private Bag 72 CARRINGTON NSW 2294	Linda Hodgson Systems Engineering Manager Tel: 02 4924 5178 Fax: 02 4924 5007 Email: linda.hodgson@thalesgroup.com.au Web: www.thalesgroup.com.au	16	Mech Elec/Electr Struct Naval Systems	Yes - Tertiary	No	No	No	Mechanical, electrical, naval, project, systems, Logistic engineering.
Tierney Consulting Engineers PO Box 575 ARMIDALE NSW 2350	Matthew Tierney Director Tel: 02 6771 1678 Email: armidale@tierney.com.au Web: www.tierney.com.au	3	Civil Struct	No	No	Yes	No	Structural Design of residential, government and commercial buildings. Structural design of industrial plant and infrastructure. Civil design for roads and infrastructure for land development.
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	35	Civil Mech Elec Chem Coastal Enviro	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	Sean Riddiford Chief Rollingstock Engineer Tel: 02 9492 1219 Fax: 02 9462 1380 Email: seam.riddiford@ugllimited.com Web: www.ugllimited.com	80	Mech Struct Proj Elec Systems	Yes	Yes	Yes	No	Engineering, design, manufacture, maintenance of railway rolling stock utilising mechanical, structural, project and electrical engineers.

THE ENGINEERING DIRECTORY

2019



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	Prof Brett Ninness Tel: 02 4921 6025 Fax: 02 4921 7062 Email: brett.ninness@newcastle.edu.au 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 - G H Varley Pty Ltd Head Office: 21 School Drive TOMAGO NSW 2322	Pierre Sidorow Business Development Manager Tel: 02 4964 0400 Email: pierres@varleygroup.com Web: www.varleygroup.com	35 dedicated engineers ~600 total employees	Mech Elec	Yes	Yes	Yes	Yes	<p>The Varley Group's ability to transform customer ideas into reality has earned the company a competitive reputation as a provider of innovative turnkey solutions and unsurpassed service, on local, national and international stages.</p> <p>Varley's current customer base is wide-ranging across a global stage, from individuals to governments and global corporations. Similarly, the products and services offered by Varley are vastly diverse.</p> <p>Recent engineering projects include custom emergency service, health, education and rescue vehicles, defence vehicle modules, customised deployable military shelters and arms storage facilities, industrial and recreational electric vehicles, power plant restorations and rail maintenance works.</p> <p>Services offered include custom engineering and production, made-to-specification manufacturing, electrical and mechanical repairs and repeat vehicle maintenance.</p>

Company Name	Contact	Engineering Team	Engineering Discipline	Work Placements	School Work Experience	School Visits	School Excursions Year 11 & 12	Engineering Expertise
Vinsi Partners 6 Webster Street HAMILTON NSW 2303	Brad Dockrill Partner/Director Tel: 02 4961 7700 Fax: 02 4961 7777 Email: bdockrill@vinsi.com.au Web: www.vinsi.com.au	10	Struct Civil Corrosion	Yes	No	Yes	No	Structural, Civil and Corrosion Engineering including; design, assessments, analysis, remediation specifications, condition surveys, superintendence support, CP design/assessment and monitoring, durability audits/assessments and planning, inspection/maintenance/monitoring advice.
Walcha Council PO Box 2 WALCHA NSW 2354	Dylan Reeves Director Engineering Services Tel: 02 6774 2519 Fax : 02 6777 1181 Email: des@walcha.nsw.gov.au Web: www.walcha.nsw.gov.au	3	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	Andrew Russell 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	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

ENGINEERING STUDIES

TEACHER DEVELOPMENT PROGRAM & PRESENTATIONS



ENGINEERS
AUSTRALIA

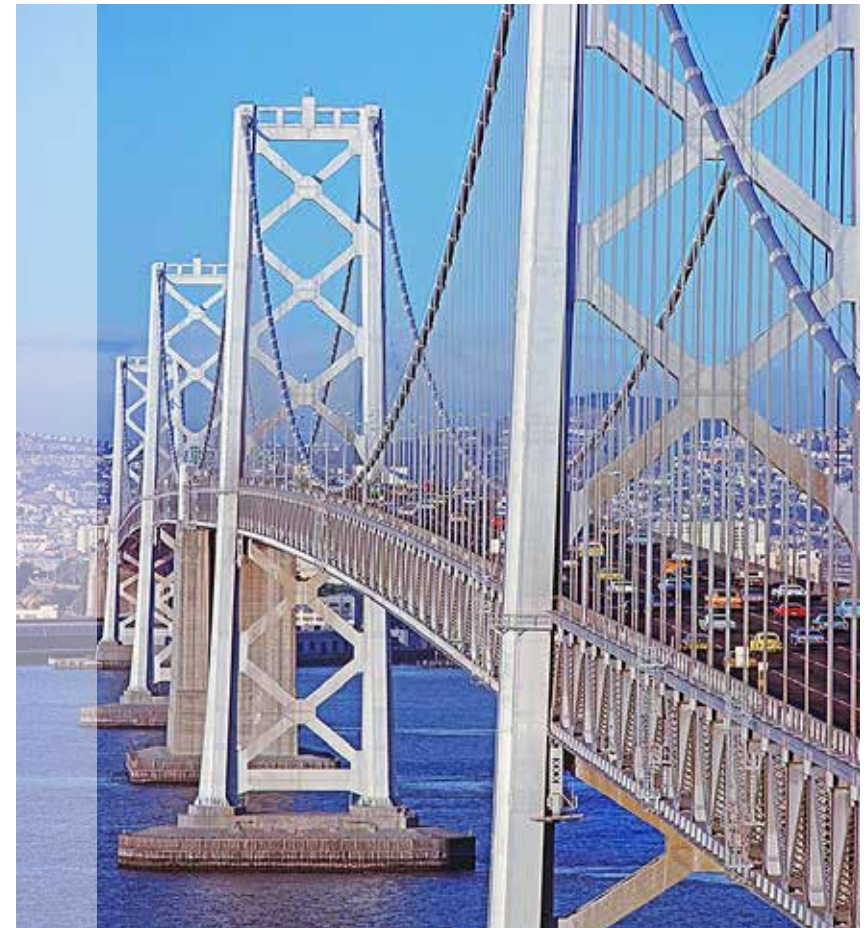
From its inception in 2015, Newcastle Division has been working with Engineering Studies teachers to develop a program which will assist in delivering the curriculum to senior high school students.

In weeks 3 and 7 of each term, a seminar/workshop is held. Each 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 PD opportunities, tangible resources and are a valuable link between our Engineering Studies teachers, industry and the engineering profession. This Engineers Australia program has been accredited by NESAs.

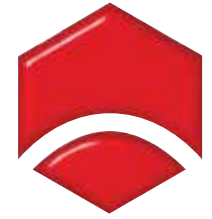
Teachers are able to attend the free sessions either in person or from any other location via a live webinar broadcast. All registered participants receive access to the recorded version on the webinar after the event, which can then be viewed at any time.

All interested teachers are welcome to attend. Please contact Helen Link (hlink@engineersaustralia.org.au) or phone 02 4911 7310 for details of upcoming sessions.



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://frontier.engineersaustralia.org.au/about/>

The range of benefits on offer to Student Members include:

- 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 2019



ENGINEERS
AUSTRALIA

CONTACT DETAILS	LEGEND	ABBREVIATIONS	
<p>Engineers Australia Newcastle Division</p> <p>Suite 3 Tonella Commercial Centre 125 Bull Street, Newcastle West NSW 2302</p> <p>Telephone: 02 4911 7310 Email: newc@engineersaustralia.org.au</p>	<p>(a) Subject to vacancies and budget provisions (b) Unpaid (c) Occasionally (d) Upon application and subject to current policy (e) Dependent on availability</p>	<p>Asset Mgt Agric BdgSrv Chem Civil CmpSc Comms Comrc Elec Elec Elecsc Eng Sc Engtec Enviro Geo Ind Instrum IT/Contr Matrl Math Mech Mechtron Metl Mine Proj Proj Mgt Petroch Software Struct Surv Tech Trade</p>	<p>Asset Management Agricultural Building Services Chemical Engineering Civil Engineering Computer Science Communications Commerce Electrical Engineering Electronics Engineering Electrical Science Engineering Science Engineering Technology Environmental Geotechnical Industrial Instrumentation IT/Control Systems Materials Handling Maint. Mathematics Mechanical Engineering Mechatronics Metallurgists Mining Project Engineers Project Management Petrochemical Software Engineering Structural Engineering Survey Technical Trade Personnel</p>

DIRECTORY NOTES

AND OTHER HELPFUL INFORMATION



ENGINEERS
AUSTRALIA
