

Curriculum Vitae  
**ANDREW G. GRAY**

**PERSONAL DETAILS**

NAME: Andrew G. Gray

ADDRESS: 70 Straits Outlook, P.O. Box 1486  
Craignish Qld. 4655 Hervey Bay Qld 4655

PHONE: (Hm) 07 4128 7401  
(Mb) 0418 734 078

EMAIL: [aggray@willowcrest.com.au](mailto:aggray@willowcrest.com.au)

**EMPLOYMENT HISTORY**

10 Sep 2014 – 10 Mar 2015

**Downer Edi Engineering Electrical**

Position: **HA Electrician**

Employed to perform cable installation and terminations, cable tray installations and perform Quality Assurance (QA) on installed electrical equipment at APLNG Curtis Island construction project on a drive-in-drive-out basis. Performed inspections, installation and securing of cables on cable tray and terminations of Steel Wire Armored (SWA) Cables.

04 Mar 2014 – 29 Jul 2014

**Clough Downer Joint Venture**

Position: **Construction Electrical Worker**

Employed as an electrical worker to perform cable installation and terminations, cable tray installations and perform Quality Assurance (QA) on installed electrical equipment at SANTOS GLNG Upstream Project HUB 4 construction project on a fly-in-fly-out basis. Moved to Hub 5, 19 Jun 2014, to continue similar work in order that job could be progressed. Performed inspections, installation and securing of cables on cable tray and terminations of Steel Wire Armored (SWA) Cables. Remained on site until conclusion of CDJV work at Hub 5 site.

06 Dec 2005 – 15 Nov 2013

**Downer Infrastructure (Formerly Downer Edi Engineering Electrical)**

Position: **Electrical Worker / Leading Hand**

Employed as an Electrical Worker to perform duties as required to support the company's customers. Duties include maintenance of heavy equipment used in the maintenance and manufacture of rolling stock for rail operations, arc furnaces used in foundry operations, overhead cranes, repair and maintenance of welders and power tools, cabling and patching of telephone and data cables throughout the plant, programming of automatic and semi-automatic equipment used in the manufacturing processes, assistance with maintenance of up to 11KV switching equipment and conduct of regular test and tag activities. Other activities included installation of switchboards, single phase and 3 phase power outlets throughout the plant including installation of cable tray and support facilities for the cables.

I was heavily involved in the installation of underground power distribution, security lighting on poles and the supply of power to security devices and outbuildings in rail yards constructed on site and the installation and termination of 11 kV and high demand 415 V mains and sub-station replacements on site. I was put in charge of coordinating outside work for the Coles Group stores including maintenance in stores and service stations and installations of new and replacement equipment on sites. I also coordinated the fit out of an external storage facility for the group in a new location.

Since becoming a licenced cabler, I have installed and maintained fiber optic, Cat 5/6 data cabling and phone cabling both within the Downer Rail facilities and in external customer premises as required.

**Construction Projects**

Supervise/Coordinate electrical installation for retail off-site storage facility in Hervey Bay.  
Installation and fit out of power and security lighting for new rail storage siding at Downer Rail, Maryborough.  
Installation of cable support systems and cabling (LV and 11kV) at Downer Rail / CQMS plant, Maryborough.  
Installation and termination of distribution switchboards during upgrading of Downer Rail / CQMS plant, Maryborough.

Andrew G. Gray - Telephone (07) 4128 7401, Mobile: 0418 734 078

Curriculum Vitae  
**ANDREW G. GRAY**

Removal of flood affected switchboards and security lighting equipment and reinstallation of replacement switchboards and equipment at rail storage siding for Downer Rail, Maryborough.

25 May 2005 – Dec 2005

**Queensland TAFE**

Position: **Casual Tutor / Teacher**

Employed on a casual basis by Wide Bay TAFE as a Casual Tutor / Teacher in the Electrical Trades area to perform relief manning on an as-needed basis at the Nagle St campus, Maryborough.

Employed on a casual basis by Central Queensland Institute of TAFE (CQIT) as a Casual Tutor / Teacher campus to perform relief manning on an as-needed basis in the Electrical Trades area at the Gladstone campus.

01 Jul 2004 – Present

**Willowcrest Solutions Pty Ltd**

Position: **Manager**

My Duties in this position include but are not limited to:

- a) Responsible for all aspects of company management including financial management and scheduling of all work performed by the company.
- b) Facilitation of Course 3023QLD - Conduct in-service Safety Inspection and Testing of Electrical Equipment (other than fixed wired equipment) on behalf of the Queensland Master Builders Association in Wide Bay & Burnet.
- c) Conduct in-service Safety Inspection and Testing of Electrical Equipment for customers' equipment as requested and provide notification of next testing due as requested by customers.
- d) Provide Network Administration assistance on an as-needed basis to customers on request with minimal delays.
- e) Provide supplementary manning support as required to businesses in Hervey Bay.

20 Jan 2003 – 15 Apr 2003

**W.I.S.E. -Australia**

Position: **Technical Manager**

In this position I was employed as an independent contractor to supervise technical workshop staff, assist with the preparation of quotes for work as required, general sales assistance in the front shop and to assess and carry out onsite work for the company as required. . Configure and install Linux Router Project (LRP) Firewall to provide Internet connectivity via Hughes Satellite connection for business machines and a separate network connection for an Internet Café network to be installed in the future.

29 Nov 1999 – 10 Jul 2002

**VQA Australasia Pty Ltd**

VQA Australasia is a division of Meat and Livestock Australia. The company has been responsible for the development, production and commercial installation of video imaging systems, used in beef and sheep abattoirs that produce information about each carcass killed which can then be used by abattoir management to record statistics on their kill.

Position: **System Administrator/Senior Technician**

I worked as a member of the operations department team, which included three Senior technicians and a manager. As Senior Technician/System Administrator, I performed a variety of tasks including:

- a) Build hardware, installation and configuration of operating systems and software on Windows NT 4.0 Server, Windows NT Workstation and Windows 2000 Professional used throughout VQA at both local and remote sites for the management of software and systems designed by the company.
- b) Installation of Disk Mirroring and Stripe Set with Parity (RAID5) on VQA Site Management Servers running Windows NT 4.0 Server.
- c) Administration of servers at remote sites using RAS, VPN, server utilities and Remote Desktop utilities.
- d) Creation of scripted automatic installation of the VQA Site Management Servers after the operating system installation.
- e) As system administrator, managed Windows NT 4.0 Servers and some 25 workstations including laptops running Windows 95/98/NT4/2000 on the headquarters site and remote Servers located at sites around

Curriculum Vitae  
**ANDREW G. GRAY**

Australia and New Zealand. On site servers included a file server, WEB Servers, FTP server, Email Server (running SLMail), DNS Server (Bind V 8 running on RedHat Linux) for the organisation and a RAS and Routing Server which supplies dialup and VPN access via the internet, and network monitoring.

- f) Maintain and calibrate carcass-imaging systems, which use the MS DOS 6.22 operating system networked to the VQA Site Management Server on site.
- g) Build, configure, test and install Firewall/Router machines using LRP packages for installation at local and remote sites to provide secure Internet access. Internet access was used for remote administration of installed equipment and for the transport of data collected by machines on remote sites to the main office site for further processing after which it was made available to the customers via web sites hosted at the company's head office.

**(11 – 26 Nov 99)**

**Endeavour Foundation**

Position: **Help Desk Technician**

Short term relief for level 1 and level 2 help desk serving local site by telephone, hands on installation and configuration of software, operator training and state wide branches by telephone help from software and peripheral installation to creation and administration of user accounts.

**(26 May to 21 Aug 99)**

**CSC – Enoggera Army Base**

Position: **SOE Rollout Technician (Project Diary)**

Commenced as a member of the build and desktop rollout team installing the Army Windows NT SOE desktop to Army Units located at Gallipoli Barracks, Enoggera. After three weeks advanced to the Applications Team responsible for the installation of approved non-SOE applications, extended-SOE applications and peripheral devices (Scanners, ZIP drives, local printers, CD Burners, Digital Cameras, etc.) on selected desktops throughout the site. Assisted with Helpdesk rectification/administration of user account privileges and software difficulties as required. Created Windows NT Shell scripts to automate repetitive tasks e.g. installing and upgrading user configuration of applications (mainly Microsoft Office 97 suite) frequently requested by users and approved by their supervisors and for accessing administrative tools from a central location across the network from a central location

**22 May 1984 – 06 Jun 1999**

**Royal Australian Air Force**

Position: **Radio Technician (Air) – Skill Level 3 & 4**

After enlisting in the RAAF, I completed recruit training at RAAF Base Edinburgh, Adelaide S.A., and proceeded to the RAAF School of Radio, RAAF Base Laverton, where I graduated as Dux of my course as a Radio Technician (Air). I was then posted to RAAF Base Amberley where I remained until my separation in June 1999. While at Amberley I served firstly in the Avionics Maintenance Facility in the repair of F-111 Avionics equipment and later as a member of the Automatic Test Equipment (ATE) maintenance section where I maintained the Central Processor and Control unit and performed maintenance and calibrations on the ATE. During this time I qualified and was promoted to the rank of Sergeant (SGT) at the minimum qualifying time in each successive rank. Upon promotion to the rank of SGT I was posted to the Strike Logistics Management Squadron (SRLMSQN) where I managed support and configuration issues for the ATE and associated test equipment until my discharge from the RAAF in 1999.

**27 Jan 1979 – 21 May 1984**

**Industrial and Marine Electrics (Cairns)**

Position: **Tradesman Electrical Fitter and Mechanic**

After completing a four year apprenticeship, I was employed as an Electrical Tradesman in the installation and maintenance of electrical equipment in industrial and marine environments in and around North Queensland. During this time I also acted in the role of Cargo Superintendent, as the company's representative, maintaining refrigerated cargo containers and generators at sea during the shipment of perishable foodstuff to a mining site in Irian Jaya.

---

**PERSONAL INTERESTS**

Andrew G. Gray - Telephone (07) 4128 7401, Mobile: 0418 734 078

Curriculum Vitae  
**ANDREW G. GRAY**

Amateur Radio (Licensed Operator, call sign VK4KGA, since 1982)  
(WIA Assessor, Certificate No: 4-039, Issued 20 Sep 2007)  
Camping and Caravanning (Family camping and caravanning holiday periods to rest and relax as a family unit)

Curriculum Vitae  
**ANDREW G. GRAY**

**EDUCATION and TRAINING**

- 2014 **Work Safely at Heights (RIIWHS240D)**  
Strategic Deployment Services, Maryborough.
- 2014 **Certificate IV in Hazardous Areas - Electrical (UEE42611)**  
Volt Edge, Brisbane.
- 2014 **Statement of Attainment, Installation and Maintenance of Electrical Equipment in Hazardous Areas (EEHA)**  
Volt Edge, Brisbane.
- 2013 **Qld Workplace Health & Safety Representative (WHSQ-HSR-NCB01)**  
All States Training, Maryborough
- 2011 **Certificate of Completion – Traineeship in Frontline Management Level IV**  
Executive Institute of Management, Hervey Bay
- 2010 **Open Registered Cabler (Skilled) Level 1 plus endorsements  
S, C, F, A, U, MT, FT**
- 2007 **Statement of attainment- Work Safely at Heights (MNM G237A)  
- Enter Confined Space (PMA PER205B)**  
Central Queensland Institute of TAFE, National Provider Number 0438
- 2007 **Certificate IV in Training and Assessment (TAA40104)**  
Master Builders Queensland, Brisbane
- 2004 **3023QLD Conduct in-service Safety Inspection and Testing of Electrical Equipment (other than  
fixed wired equipment)  
30215QLD Course in General Safety Induction (Construction Industry)**  
Queensland Master Builders Association
- 2003 **Certificate IV in Assessment and Workplace Training**  
Critical Response Training & Services
- 1999 **MCP - Implementing and Supporting Microsoft®WindowsNT® Server 4.0  
MCP - Implementing and Supporting Microsoft®WindowsNT® Workstation 4.0  
MCP - Implementing and Supporting Microsoft®WindowsNT® Server 4.0 in the Enterprise  
MCP - Implementing and Supporting Microsoft® Exchange Server 5.5  
Networking Essentials  
MCP - Internetworking with Microsoft® TCP/IP on Microsoft® Windows NT® 4.0  
MCSE - Microsoft Certified Systems Engineer**  
Dialog Information Technology Training Center (Classroom courses over 12 weeks)
- 1997 **Statement of Competency Simple Procurement.**  
Defence Center Brisbane
- 1996 **Associate Diploma in Electronics Maintenance Engineering (Aircraft Communication Systems)**
- 1996 **Certificate IV in Public Sector Procurement Module 17, Strategies for Disposal of Assets**  
Defence Center Brisbane
- 1994 **Logistics Assessors Course**  
Headquarters Logistics Command, Melbourne
- 1985 **Radio Technician (Aircraft Communication Systems)**
- 1984 - 1985 **RADIO TECHNICIAN ADULT COURSE achieving 16 Distinctions and 2 Credits.**  
RAAF School of Radio, RAAF Base Laverton, Victoria
- 1979 **Certificate of Competency as an Electrical Fitter and Electrical Mechanic**
- 1975 - 1979 **Indentured as an Apprentice Electrical Fitter and Mechanic**

Curriculum Vitae  
**ANDREW G. GRAY**

---

**REFEREES:**

Carey Seng  
**Supervisor**  
Downer Engineering  
APLNG Curtis Island LNG Tank Project  
Mob: 0497 461 235

Bob Muza  
**Supervisor**  
Clough Downer Joint Venture  
SANTOS Gladstone Liquid Gas Upstream Project, Hub4  
Mob: 0429 897 253 or 0431 327 129

Ian Wolstencroft  
**Senior Electrical Supervisor**  
Downer Infrastructure  
Maryborough  
Tel: (07) 4121 4298  
Mob: 0429 111 185

Steve Shepherd  
**Manager**  
Downer Infrastructure  
Maryborough  
Mob: 0409 914 046