



BAKER

CABLE CONNECTIONS LTD

SHAUN BAKER PERSONAL PROFILE





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Address	43 Dublin St Lyttelton Christchurch 8082 New Zealand
NZ Mobile	+64 21 400 436
Email	bccjointing@gmail.com
Web site	www.jointingcable.com
Nationality	British (New Zealand Citizen)
Passports	European & NZ
Driving Licenses	Full British and New Zealand





**PROFESSIONAL
DEVELOPMENT
AND TRAINING**

ELECTRICAL

- 1988 City and Guilds of London Institute Part I and Part II Certificate in Electrical Installation Work High Voltage Cables:
- 1994 BICC Jointers Mate course
- 1996 BICC Lead Burning course
- 1997 BICC Plumbing Part I / 11kV Solid Jointing
- 2000 ERICSSON Fluid Filled Polymeric Transition Joints XLPE 132kV
- 2000 24SEVEN 11kV and 33kV Jointing Course
- 2001 PFISTERER Connex Cable Termination System up to 132kV
- 2001 ABB GIS Terminations /Pre-moulded Straight Joints/Outdoor Terminations 66/132kV
- 2001 BBPNL (BICC) Plumbing Part II
- 2001 BBPNL (BICC) 66/132kV Fluid Filled Cable Training
- 2002 ERICSSON Fluid Filled - Polymeric Transition Joints XLPE 132kV
- 2002 PIRELLI Jointing Course 132kV Sectionalised Transition Joint Fluid Filled to XLPE Cables / XLPE 132kV Outdoor Sealing Ends
- 2005 Pirelli 132kV oil filled lead cable submarine jointing
- 2008 Silec Cable 345kV XLPE Straight joints & Terminations
- 2008 Silec on site certification - 345kV familiarisation course
- 2009 Nexans 400kV DC Fluid submarine cable (Hydraulics)
- 2009 Brugg 220kV Xlpe terminations & GIS
- 2010 Silec 245kV Xlpe Straight joints & terminations
- 2011 Prysmian Training School - 275Kv sectionalised joints Trade test
- 2011 Prysmian Training School - 132Kv sectionalised joint and aluminium MIG welding trade test
- 2012 Certification from Brugg Cables authorised to install 220kV - 400kV Fluid and XLPE Brugg accessories.
- 2014 Pfisterer training in Altdorf Switzerland on Pfisterer Ixosil ESS, ESF, MSA and Connex all up to and including 245kV
- 2015 Brugg Cable training, Brugg Switzerland 500kV Outdoor sealing ends, GIS and Dry termination, Straight joints.
- 2016 Nexans 220kV sectionalised joints
- 2018 Pfisterer re certification on Pfisterer Ixosil MSA, ESS/ESP, ESF/EST & Connex size 4,5S,6 & 6S up to and including 245kV



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**PROFESSIONAL
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AND TRAINING**

ADDITIONAL COURSES & TRAINING

- 1995 Balfour Kilpatrick Electricity at Work Regulations
- 1995 Advanced Driver Awareness Course
- 1996 Fire prevention and first Aid Fire Training
- 1997 London Underground Fire Safety Training
- 1998 St. Johns' Ambulance First Aid Appointed Person Course
- 2000 Finchpalm (Rail Networks) Personal Track Safety
- 2000 National Grid Company Competent Person Course
- 2001 St. Johns' Ambulance First Aid Refresher Course
- 2001 Petans Basic Offshore Safety, Induction & Emergency Training
- 2002 National Sea Training Centre MSA Escape Breathing Apparatus
- 2007 A.P.I Confined Spaces Training
- 2009 Qatalum site safety induction for Aluminium smelter
- 2010 Queensland Au Occupational health & safety, Construction induction
- 2010 Confined space training Virginia, USA.
- 2010 Sub station training, Glen Smith Associates, Inc.
- 2012 St Johns Electrical first aid and CPR
- 2012 Transpower Substation induction (SI)
- 2014 Orion Sub Station access key holder
- 2016 Orion Sub Station access key holder
- 2018 St Johns Electrical first aid and CPR
- 2018 Orion Sub Station access key holder
- 2018 Electrical safety and testing, Cable jointing.



CAREER HISTORY

BAKER CABLE CONNECTIONS LTD

2003 - onwards: Owner /operator of cable jointing company since emigrating to New Zealand in Dec. 2002 Sub-contracting to several energy providers throughout NZ in respect of high voltage installations and jointing, fault finding and refurbishment.

Skills used at consultancy level in Indonesia also (details below). Experience gained from years of service at BICC (UK) built upon and expanded with additional management and company development skills. Currently certified up to 400kV with comprehensive trade experience on all types of cable. Additionally skilled in the technique of Leadburning for sub-sea cable systems. Projects undertaken by Shaun to date have been under the umbrella of his company BCC Ltd. and these include but are not limited to:

CHRISTCHURCH CITY PROJECT:

Sept. 04 to current day (ongoing works). Installation of 132kV Pirelli Type 5 joints. These are oil filled, aluminium conductor (Mig welded) both straight and trifurcating joints. Stop joints also undertaken plus leak location and repair on a network of cables throughout the city of Christchurch as part of a renovation project. Each phase runs from September through until March and BCC Ltd have completed all works on this project to date. Contact referees on this project are:

Jamie Morrison (Technical Engineer Underground distribution) Orion NZ Ltd
Tel: 027 559 9692 Email: Jamie.Morrison@oriongroup.co.nz

John Hyland (Project Supervisor) for Connetics Ltd.
Tel: 027432 1772 Email: HylandJ@connetics.co.nz

2018/ ONGOING CONNETICS, CHRISTCHURCH.
LV, 11kV, 33kV Jointing, terminating and kiosks on XLPE & PILC

2018 NEXANS 220KV MELBOURNE.
Install and complete 6 X Outdoor terminations on 1600mm C XLPE 220kV

2018 GENERAL CABLE 245KV HUNTINGTON BEACH CALIFORNIA.
Install and complete 18 X Silec 245kV outdoor terminations on 2500mm C XLPE

2018 DELTA, CROMWELL NZ 66KV FAULT.
Insert piece of cable complete new termination and straight joint on 66kV 400mm Ali SC XLPE

2018 ELECTRONET 66KV WANAKA.
Install and complete 6 X Outdoor terminations & 3 X straight joints on 240mm Al XLPE 66kV using Raychem accessories.

2018 CONNETICS/ ORION CHRISTCHURCH.
Removal and replacement of 66kV Fluid filled straight joint on 300mm 3C Al oil filled cable using Prysmian accessories.

2018 POWERCO
Decomission and remove oil from 3 X 33kV oil cable circuits through Palmerston north.

2018 SOUTHERN NETWORK SERVICES.
Install and complete LV subdivision works boundary box's, joints and kiosk's

2018 ORION
66kV, 3 core Prysmian oil Trifficating joint replacement Addington sub station, Christchurch



**CAREER
HISTORY
CONTINUED**

2017- ORION

3 X 110kV Prysmian outdoor sealing ends for Lancaster sub station refurbishment 2016

2017 ORION

66kV, 3 core, oil joint refurbishment, 2 x Dianichi & 4 X Prysmian straight joints completed.

2017 HERMOSILLO, MEXICO

220kV, Silec, outdoor terminations.

2017 GENERAL CABLE MANITOBA HYDRO, CANADA.

12X 145kV Pfisterer EST Outdoor terminations.

2016

66kV, 3 core, Prysmian oil straight joints assisting Alba power jointing services on Diversion for Melbourne Metro. 6 Joints completed

2016- OLEX NEXANS WATER SHORE

220kV sectionalised and straight joints Nexans.

2015- OLEX NEXANS FOR ORION

66kV outdoor sealing ends and Pfisterer Ixosil joints.

MANAPOURI POWER STATION FOR ABB,

220kV Outdoor sealing end fault repair. Remove and inspect old termination, gain cable and install new ABB APEC 2456 termination. Dec 14

NEXANS OLEX FOR TRANSPOWER

Installation of 110kV Nexans Outdoor terminations on 400mm Olex cable with direct earth link box's. Oct 14- Nov 14

GENERAL CABLE FOR ORION

Installation of 66kV Prsymian outdoor terminations on 630mm General cable with direct earth link box's. August 14 -Oct 14

GENERAL CABLE FOR ORION.

Installation of Pfisterer Ixosil sectionalized joints with cross bonding link box's on 1600mm General cable cable(current and on going) (Dec 13 - June 14)

GENERAL CABLE FOR ORION.

Installation of 6 Prysmian out door sealing ends and 15 Pfisterer ixosil sectionalized joints with cross bond link box's all on 66kV 1000mm General cable cable (April 13 - June 13)

CAMPBELL WHITE FOR WA CHESTERS.

Install and complete 3 x 132kV click fit Prysmian terminations in Annapolis, Baltimore, MD. USA (April 13)

ORION

Mcfaddens sub 66kV refurbishment: including diverting oil cables, installing Ericsson transition joints on to XLPE. Connex size 5 plugs and Prysmian out door sealing ends (Nov 12 - Feb 13)

ORION Location and repair on 66kV oil cable network. (Aug- Sep 2012)

W A CHESTER (BALTIMORE USA)

Install 230kV PPL pipe type splices. Campbellwhite. (April-May 2012)



**CAREER
HISTORY
CONTINUED**

PRYSMIAN UK:

132kV Gwnty Mor Wind Farm extension. Team leader for CampbellWhite undertaking a program of sectionalised joints. (Dec 2011- April 2012)

PRYSMIAN UK

275kV Whitely Wind Farm. Team leader for CampbellWhite undertaking a program of sectionalised joints.(Nov 2011)

GENERAL CABLE (COLORADO)

Campbellwhite for Silec. Install 138kV Straight joints and terminations (August 2011)

CHRISTCHURCH CITY PROJECT (as per page 1) Sept 10 - June 2011

EMERGENCY EARTHQUAKE REPAIR WORKS

66kV network repairs which included 3 core oil stop joints, straight joints, triff joints and out door sealing ends all completed under extreme conditions in a much shorter time frame than usual. Also work carried out on 1600mm xlpe Lancaster- Armagh cables, fault location and repair, install insert cable and straight joints in under extreme conditions.

HOBART POWER(TASMANIA) Campbellwhite 33kV Oil leak repair. Sept 2010

INTERTECH ENGINEERING

Ashburton NZ, Install 66kV Pfisterer outdoor sealing ends. Sept 2010

GENERAL CABLE (TEXAS)

Campbellwhite for General Cable, Jointing Lab preparing 345kV cable ends for load testing. June 2010

SILEC CABLE (FRANCE)

Campbellwhite for General Cable, Virginia, USA. Install 245kV XLPE straight joints and terminations. May - July 2010

CHRISTCHURCH CITY PROJECT (as per page 1) Sept 09 - April 2010

ELECTRONET NZ

Construction of portable sub, 66kV Pfisterer connex terminations. Sept 09.

BRUGG CABLES (SWITZERLAND)

Qatalum Project, Doha, Qatar UAE. June - July 09. 220kV GIS terminations and outdoor sealing ends.

Rene Hines (project Supervisor) for Brugg Cables. Tel: +41 79419614

NEXANS CABLES NORWAY

Bahrain-Saudi 400kV DC Link. March - April 09. Assembling and testing de-gasifying unit at Nexans base factory in Norway and accompanying cable by sea from Norway to Naples Italy degasifying and testing cable until optimum gas conditions acquired.

Stein Slatten (Project Supervisor) for Nexans

Tel: +4790773819 Email: stein_arne.slatten@nexans.com

UNITED GROUP LTD

Mangahao hydroelectric power station, Manawatu Mar 09. 11 & 33kV shutdown transformer changeover. Installed termination and joints.

Jim Logan (Project manager) for United Networks Ltd.

Tel: +64 274329654 Email: jasbar@xtra.co.nz



**CAREER
HISTORY
CONTINUED**

CHRISTCHURCH CITY PROJECT (as per page 1) Jan 08 - Mar 09

ALUMINIUM SMELTER PERTH

Dec 08 Prysmian 220kV outdoor sealing ends.

Tim Popkiss (Managing Director) Intertech engineering Pty Ltd

Tel: +61 3 8770 5500 Email: tim.popkiss@intertech-eng.com.au

CHRISTCHURCH CITY PROJECT (as per page 1) Sept 08 - Mar 09

SILEC CABLES (FRANCE)

New River Electrical Connecticut (USA) June - Aug 08 Installation and testing of Silec 345kV XLPE straight joints. Jean François Pierre (Project Supervisor) for Silec Cables.

Tel: +33 1 60 57 30 00 Email: contact@sileccable.com

BRUGG CABLE (SWITZERLAND)

Stratford power station New Plymouth (NZ) May 08. Investigation of partial discharge on 220kV cable outdoor termination. Re-make sealing end.

Peter Rhodes (Managing Director) High Voltage Solution.

Tel: +64 274 199952 Email: prhodes@highvoltagesolutions.com

ELECTRIX LTD (PALMERSTON NORTH)

for PowerCo New Plymouth (NZ) Apr 08. Installation of 33kv straight joints, cross bonding joints and outdoor terminations.

Steve Cooper (Project Manager) for Electrix Ltd

Tel: +64 212296811 Email: Steve.Cooper@electrix.co.nz

AUCKLAND PAC STEEL PROJECT

January 08 Prysmian oil immersed Sealing ends 132kV-Ericsson 132kV oil - xlpe transition joint. Tim Popkiss (Managing Director) Intertech engineering Pty Ltd

Tel: +61 3 8770 5500 Email: tim.popkiss@intertech-eng.com.au

CHRISTCHURCH CITY PROJECT

(as per page 1) Sept 07 - Mar 08

TOWNSVILLE AUSTRALIA

Assisting Intertech Engineering On CCC 66kV Outdoor sealing ends.

Tim Popkiss (Managing Director) Intertech engineering Pty Ltd

Tel: +61 3 8770 5500 Email: tim.popkiss@intertech-eng.com.au

TE APITI WINDFARM:

Connection of 33kV moulded terminations and straight joints plus end terminations of all 55 first phase turbines on this largest wind farm in the southern hemisphere to date. Included within this project was terminating all cables contained in the 110kV sub-station. Contact referees for this project are:

Howard Stevenson (Project Te Apiti Electrical Supervisor) for Meridian Energy.

Tel: 021 610 231 Email: howard.stevenson@meridianenergy.co.nz

Steve Cooper (Project Supervisor Te Apiti) for Electrix.

Tel: 021 2296811 Email: Steve.Cooper@electrix.co.nz



**CAREER
HISTORY
CONTINUED**

TARARUA WINDFARM

Connection of 33kV straight joints plus moulded end terminations of 55 second phase turbines. Additionally, connection of said cables onto the main grid. Contact referee for this project is: Steve Voss (Project Supervisor) for Alstom.

Tel: 0252 897492 Email: stevevoss@alstom.co.nz

HAU NUI WINDFARM

Connection of 33kV cable and end terminations of 8 wind turbines plus pole termination of same. Contact referee for this project is; John Kennedy (Project Supervisor) for PowerCo.

Tel: 0274460924 Email: john.kennedy@powerco.co.nz

JAVA - MADURA PROJECT INDONESIA

Consultancy for Dinamika Mandiri Indonesia on 132kV submarine cable across the Java-Madura Strait. Advice, procedures and cable specifications plus skill requirements assessed in order to assist Dinamika Mandiri with their bid to complete project for Indonesian power provider PLN. Contact referee for project:

Bambang Santoso (General Manager) Dinamika Mandiri

Tel: 0062 21 530 3888 Email: bambang@de-mandiri.com

JAVA - MADURA PIRELLI PROJECT INDONESIA

Assistance / consultancy to Pirelli Milan with regards to repair of 132kV oil-filled submarine cable within the Java Madura Strait. Two joints installed with cable on fault section. Contact referee for project:

Luca Viaggio (Project Manager) for Pirelli Milan

Tel: +39 0264493785 Email: luca.vigano@prysmian.com

NZ DEFENCE FORCES WAIOURU ARMY BASE

Sub-contracting to Electrix Ltd. 33kV and 11kV works undertaken within the main army camp for NZ Defence Forces as part of their scheduled development of the base. Contact referee for these projects:

Steve Cooper (Project Supervisor) for Electrix

Tel: 021 229 6811

Email: Steve.Cooper@electrix.co.nz

11KV - 33KV SUB-DIVISIONS

Project for PowerCo within a housing development (sub-division) area. Responsibilities include installing, jointing on and terminating these installations at Palmerston North in the lower north island of NZ. Contact referee for this project:

Paul Cooper (Group Team Leader) for PowerCo

Tel: 021 123 3032 Email: paul.cooper@powerco.co.nz

11KV - 33KV SUB-DIVISIONS

Undertaking installation, jointing and terminating for this housing development at Paraparaumu in the lower north island of NZ. Contact referee for this project:

Allen Hutchinson (General Manager) for Lineworks Ltd.

Tel: 0275 456 551 Email: allenh@electracontracting.co.nz



**CAREER
HISTORY
CONTINUED**

11KV - 33KV SUB-DIVISIONS

undertaking installation, jointing and terminating for this housing development at Fielding in the lower north island NZ for Electrix Ltd. Contact referee for this project:

Steve Cooper (Project Supervisor) for Electrix

Tel: 021 229 6811 Email: Steve.Cooper@electrix.co.nz

Mar 1992 - Dec 2002 Balfour Beatty Power Networks (formerly BICC)

Littlebrook Complex, Littlebrook Power Station

Dartford, Kent United Kingdom

Tel: ++44 208 311 4200 Fax: ++44 208 310 5517

Over 20 years experience in the field of supertension cable jointing on systems ranging from 11Kv through to 400Kv. Extensive knowledge of all types of cable and auxiliary systems used within the U.K utilising oil-filled, gas and XLPE cables. Experienced and competent in installing/maintaining and troubleshooting jointing systems from all the leading manufacturers predominantly BICC and Pirelli. Continuous in-house training by BICC supported and improved this knowledge. Team leader status undertaken on many projects which include supervision of apprentices and ancillary staff plus liaison with project engineers and customers. Additionally trained in the technique of Leadburning used on submarine cables consolidated on major offshore projects in the UK and Indonesia.



**PROFESSIONAL
REFERENCES**

JAMIE MORRISON
Orion Ltd, Technical engineer- underground,
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