



Welcome to the first issue of ELECTRON 2008.

In this issue the Board is requesting feedback on the value of the arrangement which enables practising licence holders and trainees to access Standards via the Board website.

- Issues 20 and 26 of ELECTRON fully detail the arrangement and those issues of ELECTRON can be found on the Board's website at www.ewrb.govt.nz.

If you have a view on the arrangement please take advantage of the Board's offer and provide your comment so that the Board can take as many views as possible into consideration when making a decision on the future of the arrangement.



A handwritten signature in black ink, appearing to read 'John Sickels'.

John Sickels
RegistrarManager
EWLG

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ELECTRON is published by the Electrical Workers Licensing Group, the service unit of the Department of Building and Housing for the Electrical Workers Registration Board. If you have any enquiries or comments on this newsletter please contact:

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Availability of documents

To enhance the question of accessibility and transparency of documentation and decisions of the Board, readers are reminded that agendas for Board meetings are posted on the Board's website at www.ewrb.govt.nz one week prior to any meeting. In addition meeting agendas and minutes are available from the Registrar on request. Discussion papers and complaint hearing decisions that are not subject to Board Publication Orders are also available from the Registrar on request.

Access to Standard Specifications

Issues 20 and 26 of ELECTRON contained details of a three year agreement which had been reached with Standards New Zealand that enables the holders of valid Board practising licences and trainees to have access to Standards referenced in the Electricity Regulations 1997 and over which Standards New Zealand have jurisdiction.

The agreement is part of the Board's overriding strategic initiative to make all information available. At the time of entering into the agreement, the Board considered the agreement offered added value to those people who support the practising licence system and trainees.

The Board is presently reconsidering the agreement and wishes to gauge industry opinion on whether or

not the agreement between the Board and Standards New Zealand adds value and whether or not the agreement should be retained.

If you would like to express an opinion on the value and retention of the agreement please advise Trish Tchernegovski email trish.tchernegovski@dbh.govt.nz before 7 April 2008.

Pole top rescue

In issue 36 of ELECTRON the Board advised that it wished to give the industry the opportunity to comment on how often pole top rescue training should be carried out when done in practising licence refresher course training.

Twenty three submissions were received and considered by the Board and following full evaluation of those submissions the Board agreed not to include pole top rescue training in its practising licence refresher courses.

While the Board does not require pole top rescue training in its practising licence refresher courses the requirements for rescue from contact with live fittings or equipment, resuscitation on the ground, on a structure and in a cable pit remain requirements for the registration of line mechanics.

Line mechanic examination prescriptions and teaching guidelines

In January 2007 the Board sought comment from interested parties on draft teaching guidelines for line mechanics and a total of eight submissions were received and considered by the Board.

The Board has approved and released revised Line Mechanic (Distribution) Teaching Guidelines and these are available on the Board's website at www.ewrb.govt.nz

Act 1992 and does not reflect any decisions the Board may make in relation to future categories of registration as required by the Electricity Amendment Act 2006.

The release of the Line Mechanic (Distribution) Teaching guidelines is consistent with section 76 of the Electricity

Recall

In the interests of electrical safety the following notice has been included in ELECTRON.

PRODUCT RECALL



A special request from David Gardner, Executive General Manager, Schneider Electric.

To our partners and end users in the electrical industry

In the past few days our own internal quality control systems have revealed that we have a batch of faulty units in two product lines sold between March 2007 and January this year.

We have identified the products with the single potential fault by batch numbers. We need your help to find them and replace/-repair them. Effectively, earth leakage protection mechanisms built into these products may fail, reverting the units to simple power points. We need to correct this.

Extent of the challenge

In summary, our records show that:-

- Of the Powerguard 691's sold between March and October last year, 1,850 could be faulty.
- Of Powerguard 955RW's sold between March 2007 and January this year, a total of 1,450 could be faulty.

We intend to publicise this recall programme more widely and ultimately it will be the support of the industry which will determine our success in replacing them all.

IF YOU HAVE SOLD/INSTALLED ANY OF THESE PRODUCTS BETWEEN MARCH 2007 AND JANUARY 2008 PLEASE CALL US ON OUR SPECIAL HELPLINE 0800 735 326

Kind regards and special thanks for your help in this important matter.

VIEWING PURPOSE ONLY

TECHNICAL AND GENERAL QUESTION CORNER

Q I am studying for the electrician's regulation exam this year, which AS/NZS 3000 book do I base my studies on?

- A As reported in issue 38 of ELECTRON Standards New Zealand has published Standard AS/NZS 3000:2007 and as the 3000 series of Standards form an integral part of the Board's examinations the Board wishes to advise the industry that;
- (a) until AS/NZS 3000:2007 is cited in the Electricity Regulations 1997 the Board's examination papers will be produced so that questions can be answered from either AS/NZS 3000:2000 or AS/NZS 3000:2007; and
 - (b) until AS/NZS 3000:2007 is cited in the Electricity Regulations 1997 the Board's examination answer scripts will provide space for candidates to indicate from which edition of AS/NZS 3000 answers were obtained; and
 - (c) when AS/NZS 3000:2007 is cited in the Electricity Regulations 1997 the Board's examination papers will relate to AS/NZS 3000:2007.
 - (d) all other Board examination policy remains unchanged.

Q Why do I have to have a practising licence?

- A Section 95 of the Electricity Act 1992 requires all people who are registered under the Act and who carry out prescribed electrical work for reward to hold a practising licence.

Q What do I have to do to renew a practising licence?

- A Schedule 5 of the Electricity Regulations 1997 sets out the requirements for the renewal of practising licences.

Fundamentally registered electrical service technicians, electricians and electrical inspectors must have attended courses of instruction in safe working practices, testing, basic first aid, cardio-pulmonary resuscitation and the technical content of problem areas currently identified by the Board. The courses of instruction must have been attended within two years immediately before the date of any application for a practising licence.

Registered line mechanics must have attended courses of instruction in safe working practices, testing and basic first aid within fourteen months immediately before the date of any application for a practising licence. Registered line mechanics must have also attended a course or refresher course in cardio-pulmonary resuscitation within seven months immediately before the date of any application for a practising licence. Registered line mechanics must have also attended a course of instruction in the technical content of problem areas currently identified by the Board.

Q How do I contact someone who can give me my course of instruction?

- A A list of 64 training providers who have agreed to offer training in line with the Board's requirements is in this issue of ELECTRON and the list is also available on the Board's website.

Q Do I have to go to someone who has been approved by the Board to attend my course of instruction?

- A The regulatory provisions require registered people to have attended courses of instruction. There is no regulatory requirement for that attendance to be at courses conducted by persons approved by the Board.

Q Why then does the Board approve training providers?

A In 2006 industry groups raised the question of the quality of practising licence training. Following an industry conference in late 2006 the Board introduced practising licence refresher course prescriptions for all categories of registration and approved an auditing programme to monitor course quality.

Q How much does the course cost?

A The Board has no jurisdiction over the costs training providers charge for attendance at courses of instruction and as such people should obtain the information directly from training providers.

Q The Board has an agreement with Site Safe and do I have to attend a Site Safe course before I can get a practising licence?

A Any registered person who wishes to uplift a practising licence and does not wish to have a Site Safe passport must attend courses in instruction as required by the electricity regulatory provisions and as outlined above.

If any registered person wishes to uplift a combined practising licence/passport then a refresher course associated with the Board/Site Safe agreement must be satisfactorily completed.

Appointment to the Board

The Minister for Building and Construction has appointed Penny Mudford to the Board.

Penny is a rural arbitrator and accredited director. She is managing director of Resolution World Limited, a company specialising in conflict and dispute resolution. Penny is a Fellow Arbitrator of the Arbitrators and Mediators Institute of New Zealand and was chief executive of the Institute from 2000 to 2007. Penny is a council member on the Veterinary Council of New Zealand and independent director of Fronde. From an agriculture background Penny was a dairy farmer in the Manawatu

for twenty years and has sat on various agriculture committees. She sat on the Ministerial Committee on land access in 2003 and between 2005 and 2007 she was a member of the Ministry of Agriculture and Fisheries Appeal Committee for Agricultural Recovery Programme. Penny has served as President of the Manawatu-Rangitikei Federated Farmers and Trustee of the Eastern and Central Community Trust.

Election of Presiding and Deputy Presiding Members

At the January 2008 meeting the Board re-elected Don Pryde as its Presiding Member and Sam Ponga as Deputy Presiding Member.

Don is an electrician from Dunedin and Sam is an electrical inspector from New Plymouth.

Practising licence refresher course providers

Issues 23, 28, 30, 32, 33 and 36 of *ELECTRON* contained advice on the Board's decisions in relation to the Board's Practising Licence Refresher Course prescriptions and related matters

As stated previously, the Board believes it is a credit to the industry that training providers have voluntarily agreed to offer training in line with the Board's requirements and the Board congratulates those providers for making every effort to enhance the competency of the electrical industry.

The following list of people/organisations with a beside their name have agreed to offer training in line with the Board's requirements.

The people/organisations with a beside their name provide CPR and Basic First Aid training.

NORTH ISLAND

Full North Island Coverage

- Electrical Training Company** Ph: 0800 275 3826 Fax: 09 527 6166
- M A Chopping Ltd** – Ph 09 524 2402 or 021 946 326
- Utilitech Training Centre** (*Line Mechanics only*) – Ph 0800 884 548 Fax 09 837 8143
- Ontrack** – (*rail industry only*) contact David Allen Email: dave.allen@ontrack.govt.nz
- Site Safe New Zealand** Ph: 04 499 2509

Northland

- Northland Polytechnic** – Ian Swindells Ph: 09 430 5830

Auckland

- UNITEC** – James Cannan Ph: 09 815 4321 x8737 – Fax 09 815 2907
- Appliance Industry Training Centre** – Gavin Bowden – Ph: 09 573 1964 or Fax 09 573 1967
- Chandler Consulting Limited** (Nick Chandler) – Ph/Fax: 09 832 2653 Mob: 021 770 278 Email: chandlerconsulting@xtra.co.nz
- Manukau Institute of Technology** – J Lamb Ph: 0800 111 030 or 09 968 8705 Fax 09 968 8703
- M A Chopping Ltd** – Ph: 09 524 2402 Fax: 09 524 2360 Mob: 021 946 326 Email: mac@chopping.co.nz
- NZEI** – Bob Hanham 09 834 6590
- Firetech Training** – Wayne Philip - Ph: 09 448 0438
- G&D Enterprises** (G Tonks) – Ph: 0274 879 959
- MJK Consulting Ltd** – Mr M A Knuckey (*Limited to Line Mechanics Course only*) Mobile: 021 377 683 Email: mjk@paradise.net.nz

- Mr B Cavanagh** – Ph: 09 5701791 Email: wmmej.cavanagh@xtra.co.nz
- Mr R Proffit** – Ph: 09 299 9123 Fax: 09 299 9893 www.electricalforum.co.nz
- Training Corp** – Ph: 09 832 2110
- Training NZ** – Roger McCall – Fax: 09 4452 664
- Shirville Training Company** (Neville Robertson) – Ph: 09 298 5452 or 021 024 23131
- Siemens Energy Services** (*Line Mechanics Only*) – 160 Bush Road, Albany, Auckland – Ph 09 919 5508 or Dave Edgar 027 583 1621.

Hamilton

- J A Russell Ltd** – Ph: 07 8505436 or 0274 587 332 Fax 07 847 0724 Email: Hannah.chappell@jarussell.co.nz
- Edge Ltd** – Martin Burrows – Ph: 027 4473762 or 07 378 9355 Email: edge.ltd@clear.net.nz
- Electrical Safety Services** – Geoff Green – Ph: 07 855 1381 or 021 131 1094 Fax: 07 855 1382
- G&D Enterprises (G Tonks)** – Ph: 0274 879 959
- Vidtech Services (Cambridge)** – Brian Hobern – Ph: 07 827 5311 or 027 290 9939 Email: brian@vidtech.co.nz
- Wintec – Dutch Glass** Ph: 07 834 8800 x8219 Email Dutch.Glass@wintec.ac.nz

Hauraki/Thames/Coromandel

- Laurie Burns** – Te Aroha – Ph/fax: 07 884 8553 Email: laurie.burns@xtra.co.nz

Tauranga/Rotorua/Bay of Plenty

- Allister McGregor** – Electrical Inspection and Services – Ph: 07 3488220 or 0275 444 679 Email: amcg@xtra.co.nz

- ☐ ♣ **Bay of Plenty Polytechnic** – Colin Gibson – Ph: 07 544 0920 x6618 Fax 07 544 2386
- ☐ ♣ **Edge Ltd** – Martin Burrows – Ph: 027 4473762 or 07 378 9355 Email: edge.ltd@clear.net.nz
- ☐ ♣ **Mr John Turner** – Ph: 07 571 4335 Email: sparkiejohn@kol.co.nz

Taupo

- ☐ ♣ **Edge Ltd** – Martin Burrows – Ph: 027 4473762 or 07 378 9355

Gisborne/Hawkes Bay

- ☐ ♣ **Edge Ltd** – Martin Burrows – Ph: 027 4473762 or 07 378 9355 Email: edge.ltd@clear.net.nz

Napier/Hastings

- ☐ ♣ **Edge Ltd** – Martin Burrows – Ph: 027 4473762 or 07 378 9355 Email: edge.ltd@clear.net.nz
- ☐ ♣ **Independent Electrical Inspections** – Noel Alderton – Ph: 06 844 3565 or 027 4453 375
- ☐ ♣ **Havelock North Electrical Consultancy** – Ross Talbot – Ph: 06 877 4799 or 0274553644 Fax: 06 877 7224
- ☐ ♣ **John Aikman Electrical** – Ph: 06 844 2353 or 027 271 0201 Email: jaikman@xtra.co.nz
- ☐ ♣ **Rex Yates** – Ph/Fax: 06 844 1328 Mobile: 0274 435 602 Email: rexyates@paradise.net
- ☐ **Technaserve Ltd** – Warren Harris – Ph: 0800 219 284 or 027 564 9284 Email: warren@technaserve.com
- ☐ **Tony Doyle** – Ph/Fax 06 835 7808 or Mobile 021 637 787

New Plymouth

- ☐ ♣ **Allan West Electrical Solutions** – Ph 027 5126210 AH 06 751 2621 westmic@maxnet.co.nz
- ☐ ♣ **Edge Ltd** – Martin Burrows – Ph: 027 4473762 or 07 378 9355 Email: edge.ltd@clear.net.nz
- ☐ ♣ **G-Tech Ind Ltd** – Athol Gibson Ph 06 278 7761 or 0274 499 290 Fax 06 278 7761
- ☐ **WITT** – Ph: 0800 948 846 Email: info@witt.ac.nz

Hawera

- ☐ ♣ **Allan West Electrical Solutions** – Ph 027 5126210 AH 06 751 2621
- ☐ ♣ **G-Tech Ltd** – Mr A Gibson – Ph/fax 06 278 7761 or 027 4499290

Palmerston North

- ☐ ♣ **Universal College of Learning** – Gavin Jack: Ph 06 952 7000 Email: G.Jack@ucol.ac.nz

Wanganui

- ☐ ♣ **Allan West Electrical Solutions** – Ph 027 5126210 AH 06 751 2621
- ☐ ♣ **Universal College of Learning** – Gavin Jack: Ph 06 952 7000 Email: G.Jack@ucol.ac.nz

Levin/Horowhenua

- ☐ **Mr Brian Boothroyd** – Ph 063626305 Email: b.boothroyd@whitireia.ac.nz

Wairarapa

Kapiti

- ☐ ♣ **Mike Johnson Training** – Ph: 04 384 9606, 06 357 2111 or 027 247 7859 Email: mrjohnson@xtra.co.nz

Wellington

- ☐ ♣ **Edge Ltd** – Martin Burrows – Ph: 027 4473762 or 07 378 9355 Email: edge.ltd@clear.net.nz
- ☐ ♣ **Hardie Electrical Ltd** – Ross E Hardie – Ph: 04 565 3384 Fax: 565 3392 Email: hardieelectrical@paradise.net.nz
- ☐ ♣ **Mike Johnson Training** – Ph: 04 384 9606, 06 357 2111 or 027 247 7859 Email: mrjohnson@xtra.co.nz
- ☐ ♣ **NZEI** – Alan Cuthbert – Ph: 04 5627 301
- ☐ ♣ **Weltec** – Tony Dellabarca – Ph: 04 9202474
- ☐ **Mr Brian Boothroyd** – Ph: 063626305 Email: b.boothroyd@whitireia.ac.nz
- ☐ **Mr Daniel Grove** – Ph: 04 389 8899 or 021 042 8585

SOUTH ISLAND

Full South Island Coverage

- ☐ ♣ **Electrical Training Company** – Ph: 0800 275 382 Fax: 09 527 6166
- ☐ ♣ **Utilitech Training Centre** (*Line Mechanics only*) Ph 0800 884 548 Fax 09 837 8143
- ☐ ♣ **Ontrack** – (rail industry only) contact David Allen Email: dave.allen@ontrack.govt.nz
- ☐ ♣ **Site Safe New Zealand** Ph: 04 499 2509

Nelson

- ☐ ♣ **Keith Aldren** – Ph: 03 547 0123 or 027 447 0865 Fax: 03 547 3777 Email: k.aelect@xtra.co.nz
- ☐ **HV Services** – Ross McCorkindale – Fax: 03 5475487 Ph: 027 244 7633 Email: rossmccorkindale@clear.net.nz
- ☐ **Vircom EMS Nelson** – Aaron Hunter – Ph: 03 544 0072

Blenheim

- ☐ **Wairau Power Services Ltd** – Richard Pagan and Percy Noblett – Ph: 03 578 4648 Fax: 03 578 4649

Hokitika

- ☐ **Aerial Electric** – Bernie Lee – Ph/Fax: 03 755 6622 or 025 322 212

Greymouth

- ☐ **Weltec** – Ph: 0274 418673 or 03 7324133
- ☐ **CPIT** – Electrical Administration Dept – Ph: 03 940 6019

Oamaru

- ☐ **Mr Peter Coughlan** – Ph: 03 434 5478 or 021 379 544 Timaru
- ☐ **Mr A Blee** – Ph: 0274 744188 Email: info@etandc.net

Dunedin

- ☐ **Delta Utility Services Ltd** – Tom Symister Ph: 03 479 6660 Fax: 03 474 9361 Mob: 0274 345 652 Email: Tom.Symister@4delta.co.nz

- ☐ **Otago Polytechnic** – J Cleary Ph: 03 479 6065

Central Otago

- ☐ **Mr A Blee** – Ph: 0274 744188 Email: info@etandc.net

Gore

- ☐ **Otago Power Services** – Phil Johnson Ph: 03 208 3900 Fax: 03 208 3904 Email: pjohnson@opsl.co.nz
- ☐ **Mr A Blee** – Ph: 0274 744188 Email: info@etandc.net

2008/2009 Relicensing and Safety Training

Safety training that is due to expire prior to the 30th of June 2008, must be current before you are able to renew your practising licence.

To ensure the renewal of your practising licence for 2008/09 is not held up it is recommended that you update your safety training in advance of your existing licence expiring on 30th of June 2008.

Book your training today to ensure you have it renewed prior to 30th June 2008. To locate a training provider please see the list above or visit http://www.ewrb.govt.nz/content/whatsnewdocs/Training_Providers.pdf



Training

The following article has been produced by the Electrotechnology Training Organisation (ETITO)

Ease your way into apprentice training

Keen to take on an apprentice, but not sure if the time is right?

Then why not enjoy a taste of apprenticeship training by taking on a Gateway student.

Gateway is a school to work transition programme that enables students with an interest and aptitude for electrical work to gain workplace experience while they're at school.

Typically, a Gateway student will spend one day a week working at a local electrical employer.

ETITO provide the student with their own Gateway Workplace Logbook [which is a condensed introductory version of the electrical engineering Workplace Logbook] and they're assessed on the job, just as they would be during an apprenticeship.

ETITO training managers can also provide employers with advice and assistance when it comes to the Gateway student's assessment.

Gateway is great for students as they can experience electrical work before committing to an apprenticeship, it's also ideal for employers, who get to see what having an apprentice is like.

"Employers keen to take on an apprentice will find Gateway is an excellent way to ease into this kind of training. You can experience how the training system works, not to mention how the mind of a young person operates," says Paul Hollings, ETITO Industry Training Manager, Electrotechnology and Telecommunications.

After spending time in the Gateway programme, students frequently continue on to complete a full apprenticeship

with their Gateway employer. "These apprenticeships are generally a great success. The apprentices embark on a programme of study that they understand and are committed to and the employer knows exactly what they are getting into, so it's a win-win situation" says Paul.

If you'd like to find out more about Gateway opportunities in your area, then contact your ETITO regional training manager or advisor today.

Terry Kidd, Training Manager [Northern] –
Ph: 09 583 1338 Mob: 027 461 838

Brett Piskulic, Training Manager [Central & West] –
Ph: 09 583 1344 Mob: 027 461 8287

Gavin Denby, Training Manager [Hauraki] –
Ph: 07 839 7395 Mob: 027 489 0981

Paul Mitchell, Training Manager [Eastern] –
Ph: 07 349 3461 Mob: 027 280 5243

Paul Craven, Training Manager [Central, WLG] –
Ph: 04 499 7677 Mob: 027 466 2402

Marty Matheson, Training Manager [Southern, CHC] –
Ph: 03 365 9252 Mob: 027 461 7018

Robin Johnson, Training Advisor [Timaru/Oamaru]
Mob: 027 271 4092

Fred Black, Training Advisor [Dunedin/South Otago]
Mob: 027 232 5149

Don McLellan, Training Advisor [Southland]
Mob: 027 220 4205

In the interests of safety in the workplace the following article has been reproduced in ELECTRON.

Media release

THE FOLLOWING IS A MEDIA RELEASE ISSUED BY THE DEPARTMENT OF LABOUR ON 25 JANUARY 2008

Seven people have died in New Zealand workplaces in the last 24 days, including five in the agricultural sector.

Department of Labour workplace services manager, Maarten Quivooy, said the number threatened to reach the same level as summer 2005/06, one of the worst seasons for workplace deaths in recent years. In that summer 10 people died in workplace deaths in three weeks.

Mr Quivooy said nobody should die from doing their job, and most workplace fatalities were avoidable.

Department research on workplace deaths published last year had revealed a number of key findings and these were being deliberately used in the Department's hard hitting 'Grim Harvest' television campaign currently screening nationally. Safety messages could also be found on www.dol.govt.nz/itsnojoke/

Mr Quivooy said the research highlighted a number of issues that influenced workplace deaths including that:

- fatality rates were higher during summer and autumn, i.e. December to May, than the rest of the year
- men, particularly agriculture workers, aged 55 and 64 years were more likely to die in workplaces than any other group

- fatal incidents often happened in late-morning and mid-afternoon
- farming and forestry sectors had the highest workplace fatality rate, followed by horticulture and fruit growing
- about 50 percent of all work related deaths involved a vehicle; vehicle rollovers accounted for 23 percent of workplace deaths investigated by the Department.

Mr Quivooy said five of the seven workplace fatalities reported this year had involved vehicles. "Of these, three featured vehicle rollovers which further emphasises the need for extra vigilance around farm vehicles," he said.

Editor's note: PDFs of the Grim Harvest advert to illustrate stories are available at www.dol.govt.nz/itsnojoke/

A PDF of the Department of Labour research on summertime workplace fatalities is available on www.dol.govt.nz/publications/research/summerfatalities/index.asp

