

Electricity Industry Bulletin No: 65 June 2007

FOR THE ATTENTION OF ALL ELECTRICAL WORKERS

1. ELECTRICAL SAFETY WARNING - LUMINAIRES

Electricity Standards *and* Safety is currently investigating a number of incidents involving oyster style luminaires that contain one or more gas-filled tungsten filament incandescent lamps.

Investigations revealed significant heat damage to the fixed wiring that terminates inside the luminaires. On one occasion the local fire brigade was called to extinguish a fire in the roof space.

Because the lamp bulb can be subjected to a temperature operational range of 600 - 900°C it is important that electrical technicians install the luminaires in accordance with the manufacturers instructions, supplied with the luminaires.

In some cases extra insulating material is provided for installation between the luminaire and ceiling and for sleeving over the fixed wiring that terminates inside the luminaire.

Most luminaires are fitted with a ceramic terminal block to compensate for the high temperatures, therefore plastic cable connectors should not be used for additional cable terminations.

It is very important that all care is taken when installing these types of luminaires.

2. POLARITY TESTING

Electricity Standards *and* Safety would like to remind electrical technicians when it is their responsibility, to perform polarity testing on an electrical installation when the electrical supply is made available.

In most cases Aurora Energy when connecting the electrical supply to an electrical installation will perform the polarity testing.

However, this is not always the case. There are some situations where an electrical technician has the responsibility for the final polarity testing.

For instance, where there is a large complex of domestic dwellings with a number of cabinets containing individual service fuses for the dwellings, Aurora Energy may only perform a polarity test at the cabinets when supply is made available. It is then the responsibility of the electrical technician to ensure polarity testing is performed at each individual electrical switchboard.

Electrical technicians should be reminded that they have the responsibility to ensure that the electrical installation complies with the requirements of AS/NZS 3000 Wiring rules, including Section 6 *Testing and Verification*. Never assume that someone else has done the testing, or done it correctly.

3. AGFEST 2007

At the recent Agfest display Electricity Standards *and* Safety (ESS), in conjunction with Workplace Standards Tasmania held a display regarding electrical safety around the home and farm.

The display was well received over the 3-day event, with staff fielding a lot of questions regarding old wiring and safety switches.

Tony Millhouse (L) of ESS is pictured here discussing safety issues with visitors to the site.





4. NEW TV COMMERCIAL CAMPAIGN “LOOK UP AND LIVE”

A new television campaign targeting the importance of risk assessment when operating elevating type plant and equipment near overhead powerlines, will be aired on commercial television during May, June and July 2007. The advertisement highlights safety issues and the immediate impact these can have on a family, when things go wrong. Increases in serious incidents of this type have prompted this new campaign, it's message being—Look up and Live.

Shown here are two scenes from the new commercial: the first shows the safety observer (spotter) directing the truck driver in a farmyard, the second is of the final scene of the commercial, with emergency vehicles in attendance at the now accident site.

Recently both Workplace Standards Tasmania (WST) and Aurora Energy have attempted to raise awareness of these very significant issues with the Look up, Look out campaign. Further information on this topic can be obtained from the WST publication "A guide to the operation of mobile plant or equipment near overhead power lines", which has requirements for "No go Zones", the "Look up Look out" message along with advice on Regulations and standards, etc. To obtain a free copy of the booklet please contact the WST Helpline on 1300 366 322.

The advertisement is an initiative of the Electricity Standards and Safety group of Workplace Standards and is funded by the WorkCover Board.



5. OCCUPATIONAL LICENSING ACT 2005

Implementation

The *Occupational Licensing Act 2005* is almost ready to take effect. The major items in place and those about to happen appear below.

Those items already done include:

- Robert Pearce, is the Administrator of Occupational Licensing. Robert, a former Director of Building Control, is the Manager, Policy Planning & Services in Workplace Standards Tasmania;
- the decision to licence line workers and cable jointers has been taken;
- the analysis of comments on the draft of Occupational Licensing (Electrical Work) Regulations (hopefully starting on 1 July 2007) has occurred: and
- comments on the draft Insurance Order prompted more industry discussions

Those things remaining to be done include:

- how to move from the current line workers and cable jointers qualifications to those established elsewhere (i.e. a Certificate III course) remains to be resolved;
- A small interim unit, using existing staff and WST budgets, is being formed to undertake occupational licensing and other functions;
- the need of industry to insure appropriately and premium levels need to be balanced;
- the Administrator must formally determine what electrical work needs a licence and the qualifications electricians and nominated manager must have;
- codes of practice need drafting to establish benchmarks, standards of work (eg the Wiring Rules), the level of supervision to be given to apprentices and other issues including a definition of “fit and proper”:
- work on what will be required as continuing professional development is deferred.

To keep informed on the implementation of the Act, you should regularly access the WST website www.wst.tas.gov.au. If you have queries or comments email wstinfo@justice.tas.gov.au or contact the WST Helpline on 1300 366 322.

6. PROMOTING ELECTRICAL INFRASTRUCTURE SAFETY

John Britten has been appointed as Senior Infrastructure Safety Compliance Officer, recently joining the team at Electricity Standards and Safety.

John's role will include the application of relevant standards and compliance with legislation for business operating in the electrical infrastructure area. John's extensive practical knowledge and experience in infrastructure operation, distribution, transmission and generating systems and high voltage installations will greatly assist in providing technical advice and monitoring compliance.

7. AURORA COMPLIANCE INSPECTORS PHONE NUMBERS

Aurora Energy Compliance Inspectors are not always contactable by phone via a landline. The following are the office phone numbers and the mobile phone numbers, for all Inspectors:

South Office - 62716230

Peter Barrett - 62716527

(Technical Manager)

Marcus Doyle - 0419 553 692

Ian Hannaford - 0417 872 758

Tim Hopper - 0418 127 075

Michael Searle - 0418 124 707

North Office - 63247671

Michael De Bomford - 0418 129 453

Mark Dwyer - 0418 367 679

Roger Geale - 0418 139 162

Graeme Lewis - 0418 139 165

North West Office - 64256030

Nigel Allen - 0419 565 882

Martin Daniel - 0417 772 087

Clayton Davies - 0417 772 083

Please note general enquires to inspectors should be made during work hours only, 8:00 am to 4:30 pm. If an inspector is required to attend for fire or electric shock, please direct your call to the Fault Centre by phoning 13 2004.

8. NEW! MUTUAL RECOGNITION WEBSITE

The Council of Australian Governments (COAG) recently launched a new facility on their website to assist with the mutual recognition of occupational licences, in line with the new arrangements operational since February this year. The new arrangements are the result of states, territories and the Commonwealth working together through COAG to improve the system of mutual recognition. As work continues, additional vocationally-trained, licensed occupations will be included on this website.

The website allows the user to look up a licence entitlement in another state or territory, based on the currently held licence. The website also has information on who to contact to apply for a licence. Workers need to apply to the relevant authority, hold a current valid licence, and pay a licence fee, but the new arrangements give certainty to most applicants about what licence will be issued. When they search on this website, some licence-holders will find that 'no equivalent licence' is stated. In these cases, workers can still apply for individual assessment, as they have always been able to do.

Further information can be found on the website www.licencerecognition.gov.au.

9. NEW LICENCE HOLDERS

Electricity Standards *and* Safety have recently licensed the following people to work as electricians in Tasmania.

A majority of these electricians are recently graduated apprentices, we extend to them our congratulations.



Licence Number

Name

A7306	Ross John Read
A7307	Todd Maxwell Harris
A7308	Richie William Manser
A7309	Mark Raymond Lawless
A7310	Tarrisha Michelle Jones
A7311	Andrew John Lane
A7312	Joshua Steven Fuller
A7313	Dennis John Zanella
A7314	Scott Anthony Ebbelaar
A7315	Raymond John Schilling
A7316	Aaron Christopher Davies
A7317	Gregory Allan Hemsworth
A7318	Andrew Lachlan MacPherson
A7319	Bradley James Banks
A7320	Nathan Todd Donoghue
A7321	Peter Raymond Filler
A7322	Daniel Joel Caine
A7323	Jae Hoon Chang
A7324	James Marc Middleton
A7325	Martin David Knights
A7326	Andrew Brian Craven
A7327	Jeff Raymond Barron
A7328	Jeffrey Westbrook
A7329	Dimitri Sekuloski
A7330	Ilia Sekuloski
A7331	Jeffrey Charles Clark
A7332	Paul William Benbow
A7333	Mark Corbett Smith
A7334	Abraham Christiaan De Lange
A7335	Lyall Stuart Anderson
A7336	Andrew James Henk Koetse
A7337	Michael James Beverley
A7338	Brian Alexander Humphrey
A7339	John Peter Brewster
A7340	James William Newman
A7341	James Philip Andrews
A7342	Nicholas Craig Harrex
A7343	Christopher Scott Morley
A7344	Tyrone Ross Parkhill
A7345	David Melville Gribble
A7346	Steven Sutton
A7347	Thomas Graham Potter
A7348	Brent Troy Griggs
A7349	Bryan Charles Corcoran

10. LICENSING FEES

Licensing fees will increase on 1 July 2007 due to indexation and in accordance with the *Fee Units Act 1997*. Below is a guide to the new fees; alphabetical renewal periods remain the same.

Please be aware of the expiry date of your licence, which is detailed on your licence card. Whilst renewals are sent to remind you, it is your responsibility to renew your licence prior to expiry, late applications will incur additional fees.

Don't forget to let us know if your details change, especially your address, which is a requirement of *the Act*. For further information contact Licensing on (03) 6233 7831.

TYPE	APPLICATION FEE (\$)		LICENCE FEE (\$)		TOTAL FEE (\$)	
	Old	New	Old	New	Old	New
Electrical Technician (3 yr Licence)	36.30	37.50	108.90	112.50	145.20	150.00
Electrical Contractor (1 yr Licence)	36.30	37.50	242.00	250.00	278.30	287.50
Provisional (1 yr Licence)	36.30	37.50	36.30	37.50	72.60	75.00

11. LICENCE RENEWALS ONLINE

Electricity Standards *and* Safety would like to advise that this facility for renewing licences is again available. From time to time over the past few months this facility has presented difficulties for some users and for others it has been totally in-operational. These problems occurred as a result of several different IT issues, which have now been rectified. At no time were your credit card details at risk. Please accept our apologies for any difficulties that this has caused.



- Daikin Inverted Split System Air Conditioner Outdoor Units
- Santa with Lamp Post Edison screw lamp
- Matchmaster Plug in TV Signal Amplifier
- Gouging Torch fitted with cable assembly
- Phillips Essential 50W, 60 Degree Halogen Dichroic Lamp
- Loewe 100Hz CRT Television
- V900 Cordless Phone – Power Supply Unit
- ACD-10 & ACD-14 Digital Clamp Meters
- Commercial Electric – Cool Touch Work Light
- Bosch Cooktop Model PIF645E01E
- Telstra branded Cordless Telephones – AC adaptors
- Complete Wiring Harnesses
- Batteries sold for use with Lenovo and IBM ThinkPad notebook personal computers

For further recalls and precise product information, defect details and consumer action, visit the Product Recalls Australia website at www.recalls.gov.au



Department of Justice

Office 30 Gordons Hill Road, (PO Box 56)
Rosny Park, Tasmania, 7018
E-mail: wstinfo@justice.tas.gov.au

Electricity Standards *and* Safety

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