

Skilled Occupations List



Reference Code: **8WQ94V3**

Introduction

Skilled Occupations List

The **Department of Education and Training** is undertaking a public submission process for its review of the 2017–18 Skilled Occupations List (SOL). Information from the submissions will enable the department to update its annual SOL advice to the Australian Government.

We are seeking your input on the occupations/industry sectors your organisation represents or that you belong to as an individual. In particular, we are seeking evidence of:

- skills demand and supply imbalance, both nationally and regionally
- medium to long-term demand and supply trends which may impact upon Australia's employment outlook*
- formal licensing or registration requirements.

*The SOL is concerned with 'medium to long-term' skills needs rather than immediate skills shortages. The department is only seeking to obtain information on longer-term trends, rather than immediate shortages and costs. For the purposes of this exercise, 'medium to long-term' is defined as a period of five to ten years.

Privacy

All information, including **name and address details**, contained in submissions will be made available to the public on the Department of Education and Training website unless you indicate that you would like all or part of your submission to remain in confidence. Automatically generated confidentiality statements in emails do not suffice for this purpose. Respondents who would like all or part of their submission to remain in confidence should provide this information in an email to SOLSubmissions@education.gov.au. Legal requirements, such as those imposed by the *Freedom of Information Act 1982*, may affect the confidentiality of your submission.

Details

Applicant Details

Given Name *

Malcolm

Surname *

Richards

Organisation

Master Electricians Australia

Contact Details

Please provide the name, position and contact details of a person within your organisation who is willing to be contacted if any further information or follow-up is required.

Given Name *

Kelly

Surname *

Dove

Position

Policy Advisor

Contact Number *

07 3251 2555

Email (receipt will be sent to this address) *

kdove@masterelectricians.com.au

Industry

Type of Industry

What are the industry/industries that you or your organisation represents for the purposes of this submission? *
(select all that apply)

- | | |
|--|--|
| <input type="checkbox"/> All Industries | <input type="checkbox"/> Agriculture, Forestry and Fishing |
| <input type="checkbox"/> Mining | <input type="checkbox"/> Manufacturing |
| <input checked="" type="checkbox"/> Electricity, Gas, Water and Waste Services | <input checked="" type="checkbox"/> Construction |
| <input type="checkbox"/> Wholesale Trade | <input type="checkbox"/> Retail Trade |
| <input type="checkbox"/> Accommodation and Food Services | <input type="checkbox"/> Transport, Postal and Warehousing |
| <input type="checkbox"/> Information Media and Telecommunications | <input type="checkbox"/> Financial and Insurance Services |
| <input type="checkbox"/> Rental, Hiring and Real Estate Services | <input type="checkbox"/> Professional, Scientific and Technical Services |
| <input type="checkbox"/> Administrative and Support Services | <input type="checkbox"/> Public Administration and Safety |
| <input type="checkbox"/> Education and Training | <input type="checkbox"/> Health Care and Social Assistance |
| <input type="checkbox"/> Arts and Recreation Services | <input type="checkbox"/> Other Services |

Occupation

Occupation

The three dropdowns below accord with the ABS ANZSCO classification of occupations. Selections are required at the 'Occupation Group' (2-digit) level, the 'Occupation Unit' (4-digit) level, and the 'Occupation' (6-digit) level depending on the occupation/s to which your submission relates.

You can use the 'Add Occupation' button to add other occupations.

For each occupation selected, please indicate whether your advice is to Include or Exclude with respect to the 2017–18 SOL.

Occupation 1 of 1

Occupation Group *

Electrotechnology and Telecommunications Trades Workers

Occupation Unit *

All

Occupation *

For the 2017–18 SOL please indicate advice about your nominated occupation. *

Include

Exclude

Are there other occupations that you represent where there is evidence of imbalance in the demand and/or supply of skills in the medium to long-term? Please list them. (1000 character limit)

Electrician
Electrical Linesworker
Lift Mechanic
Technical Cable Joiner
Electronic Equipment Tradesworker
Electronic Instrument Tradesworker

DEEWR's report, "Australian Jobs 2016", with similar figures from Job Outlook , states the following:

- Electrician is in the top 10 occupations to provide the largest number of new jobs over the next 5 years
- Electricians in the Construction sector are the 2nd largest occupation in an industry projected to grow by 8.3% over the next 5 years, up from 0.3% since 2014.
- The future employment change for electrotechnology trades workers overall to November 2020 is projected to be 11.5%, up from 6.4% in 2010-2015.

Supply side, NCVET data projects that the contract completion rate for electrotechnology apprentices in the 2015 commencing cohort will be 54% with attrition rates at 44%. This is concerning for the fast growing construction sector, signalling a long-term undersupply of skilled workers.

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Please indicate in which part of Australia this imbalance exists. (1000 character limit)

Data from the Department of Employment indicates variances in the demand/supply of skills for electrotechnology workers in non-metropolitan areas.

The skilled shortages in regional areas for electrotechnology workers appears to have eased to a certain extent due in part to the easing of demand from mining sites in regional localities. However, employers are still experiencing difficulty in filling vacancies. This is particularly evident in regional areas of Victoria and throughout the Northern Territory.

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Are there any occupations which require formal licensing or registration arrangements in order to practice/perform? *

For example:

- Midwives are required to register with the nurses board in their state or territory
- Panelbeaters are required to be registered or certified with the state Motor Vehicle Repair Industry Authority

Yes

No

Please provide details. * (1000 character limit)

Each state and territory in Australia has separate licensing arrangements for electrical occupations. The following occupations represented by MEA require an electrical licence to be issued by the relevant state or territory electrical regulatory body:

Electrician (General)
Electrician (Special Class)
Lift Mechanic
Electrical Linesworker
Technical Cable Joiner
Electronic Equipment Tradesworker
Electronic Equipment Tradesworker (General)
Electronic Equipment Tradesworker (Special Class)

There are also various classes of restricted and/or higher level licences for these occupations in each jurisdiction.

Refrigeration and air-conditioning mechanics are subject to some jurisdictional licensing which differs amongst the states and territories. There is also a national licensing arrangement requiring those who handle refrigerant or works on refrigeration and air-conditioning equipment to hold a Refrigerant Handling Licence, issued by the Australian Refrigeration Council.

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Is it expected that your employment sector will be impacted by any medium to long-term trends which will affect the demand and/or supply of workers? *

Yes

No

Please provide evidence (e.g. data source, policy document) which substantiates these claims. * (1000 character limit)

For example:

- Changing demographic trends and advances in technology could impact on the demand for health related occupations.

1. The introduction of high-speed broadband will add to the demand for electrical workers who will be required to undertake roll-out and install new digital technologies.
2. Following Australia's signing of the 2015 Paris Agreement, the Federal Government has committed to reducing greenhouse gas emissions to 26-28% on 2005 levels by 2030. To meet this target, a number of energy efficiency programs are being introduced by the federal and state governments. These initiatives will create a strong demand for electrotechnology workers.
3. New smoke alarm laws in Queensland will commence in 2017 with the 10 year phase-in period to create a long term demand for electricians. Other states may follow Queensland's lead and introduce similar laws, providing a further boost to demand.
4. Changes to the Wiring Rules extending the application of safety switches are likely to create a long-term demand for electrical workers as more households improve their safety switch protection.

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Additional Information

Please provide any additional information you consider relevant evidence to support your submission. For example, you may know of independent studies about your occupation that supports your advice to us. (1000 character limit)

1. <http://joboutlook.gov.au/occupation.aspx?search=alpha&tab=prospects&cluster=&code=3411>
2. https://docs.employment.gov.au/system/files/doc/other/australianjobs2016_0.pdf
3. https://www.ncver.edu.au/__data/assets/pdf_file/0024/60495/Completion-and-attribution-rates-2015-2881.pdf
4. <https://docs.employment.gov.au/system/files/doc/other/3411electriciangeneralnt.pdf>
5. <http://statements.qld.gov.au/Statement/2016/2/23/changes-to-smoke-alarm-laws-to-save-lives-in-qld>

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Please add any document that supports your recommendations.

Addition Documents 1

Supporting Document

File: None