



# TRAINING DEVELOPMENT

WEL Training & Development

# Taking Training to New Heights



*Enabling our communities to thrive*



# Align with the CCF

On site assessment forms for :

- 1. Restricted Area Entry
- 2. Permit recipient
  - LV Permit Issuer
- 4. Vegetation
- 6. Overhead Construction
- 7. Underground Works
- 8. Switching
- 10. HV Supply Electrician

ON-SITE OBSERVATION ASSESSMENT					
6A	Low Voltage Isolated Works				
Purpose	Allows the worker to work on assets which are in an isolated state up to and including LKV.				
Competency Class	6A Low Voltage Isolated Works 6C Overhead Service Connect and Disconnect 7C Low Voltage – Terminations 7E Low Voltage Jointing Polymeric only 7I Low Voltage Service Connections				
Renewal Period					
Activity:	Date:				
Employee:	Years of experience:				
Assessor:					
<p>On-site Observation Assessment is to be completed when a worker has been trained and has undergone sufficient experience in the discipline (under supervision) that demonstrates to the employer that the worker is competent to undertake to carry out the activity.</p> <p>WEL Procedures  <a href="#">SWP-0086 Pole erection</a>  <a href="#">SWP-0112 LV pole termination at overhead pole</a></p>					
<p><b>Outcomes and Performance Criteria</b></p> <p><b>Outcome 1</b> Explain how to install and joint electricity network overhead conductors.</p> <p><b>Performance Criteria</b></p> <table border="1"> <tr> <td>1. Identify the aluminium/aluminium alloy/copper conductor on the conductor board.</td> <td><input type="checkbox"/></td> </tr> <tr> <td>2. Explain the joint and jointing method you will use for the type and size of conductor.</td> <td><input type="checkbox"/></td> </tr> </table> <ul style="list-style-type: none"> <li>• Cu on the bottom</li> </ul>		1. Identify the aluminium/aluminium alloy/copper conductor on the conductor board.	<input type="checkbox"/>	2. Explain the joint and jointing method you will use for the type and size of conductor.	<input type="checkbox"/>
1. Identify the aluminium/aluminium alloy/copper conductor on the conductor board.	<input type="checkbox"/>				
2. Explain the joint and jointing method you will use for the type and size of conductor.	<input type="checkbox"/>				

ie conductor and prepare strands for jointing.	<input type="checkbox"/>
ies for Al and Cu	<input type="checkbox"/>
tension	<input type="checkbox"/>
nd and terminate conductor.	<input type="checkbox"/>
skere termination	<input type="checkbox"/>
replace electricity network pole structures	<input type="checkbox"/>
ze and size, structure arrangement, and installation method.	<input type="checkbox"/>
ing arrangements.	<input type="checkbox"/>
to one) length of pole)	<input type="checkbox"/>
> face an angle pole) e service plans.	<input type="checkbox"/>
on permit.	<input type="checkbox"/>
required for the job and attach to the pole.	<input type="checkbox"/>
nents	<input type="checkbox"/>
uirements)	<input type="checkbox"/>
ent process.	<input type="checkbox"/>
	<input type="checkbox"/>
8. What are the rules around O/H lines crossing railway tracks? <ul style="list-style-type: none"> <li>• No sleeves in the crossing span</li> <li>• Double armed or terminated on both sides</li> <li>• Span no more than 50m</li> </ul>	<input type="checkbox"/>
9. How deep do you bury a softwood pole? <ul style="list-style-type: none"> <li>• 1/6 the length of the pole (i.e. 9m pole bury 1.5m)</li> </ul>	<input type="checkbox"/>

Assessor name:	Signature:	Date:
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## Assessment Evaluation

Provide specific comments on task observed

<p>xx when complete</p> <p><b>Competent</b> :competency management system</p> <p><b>Not Competent</b> Results and determine if more practice, experience and on job training is required Supervisor and rebook on-site observation assessment for employee</p> <p>ence e following pieces of evidence must be provided to support this on-site observation</p> <p>Start 100% of employee undertaking activity</p>
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# Assessment

WEL's Workplace Assessors use the on-site assessment criteria for practical assessment of competency.

eLearning is also used for assessment. Learning modules contain a quiz to strengthen the learning.

Role specific inductions ensure new staff to WEL are assessed as part of the on-boarding process.



**JUNE MECHANIC INDUCTION CHECKLIST**

EMPLOYEE NAME: \_\_\_\_\_ PHONE NUMBER: \_\_\_\_\_

ASSESSOR NAME: \_\_\_\_\_

Task	Initial as Completed (Assessor)	Initial as Completed (Employee)	Date
<b>WTC 1 – Control of Entry</b>			
1AEP – Restricted Area Entry			
1BEP – First Aid (05-6402-0402)			
1CEP – Hazard & Risk Management			
1ECP – NOMAPS 08103 Advanced			
CG-103 Health & Safety Induction			
<b>WTC 2 – Control of Work</b>			
2AEP – Minor Works Management			
<b>WTC 3 – Streetlight Works</b>			
3BEP – Carry Out Polarity & Phasing on LV Electricity Networks			
3CEP – Carry Out a Rescue from an Electrical Structure			
<b>WTC 6 – Overhead Construction &amp; Maintenance</b>			
6AEP – Overhead Low Voltage De-energised Works			
6BEP – Overhead Low Voltage Live Working			
6CEP – High Voltage De-energised 11kV to 33kV			
6DEP – Low Voltage Service Connections			
<b>WTC 8 – Switching</b>			
8AEP – Overhead Level 3 (Back)			
<b>WTC 12 – General Work</b>			
12CEP – Height Safety			
12DEP – Environmental Guidelines Training			
12ECP – AMPACT Training			
12LEP – Generator Connection			

WTC 13 – General MEWP, Cranes & Pit Rescue

13CEP – Slinging Regular Loads

Inductions

10601 – Field Services Work Compliance Process

Employee signature: \_\_\_\_\_ Date: \_\_\_\_\_

Assessor signature: \_\_\_\_\_ Date: \_\_\_\_\_

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# Learning Management System

Competency is managed in WEL Educated, our Learning Management System (LMS).

The LMS is Totara Learn hosted by Catalyst.

Supervisors and managers have access to their staff record of learning.



**My Learning**

- Learning Plans
- Bookings
- Record of Learning

**Upcoming Certifications**

No certifications due

**Quick Links**

- Operating Procedures
- Safe Working Procedures
- LV Works Management Procedures

**Last Course Accessed**

1ECP - OR101 Advanced

100%

**Current Learning**

- 3ACP - Primary Works Management Permit Holder Lines 66%
- 168651 Field Services Work Compliance Process 0%
- Safety in Design Advanced 71%

Displaying 1 - 3 of 3 results

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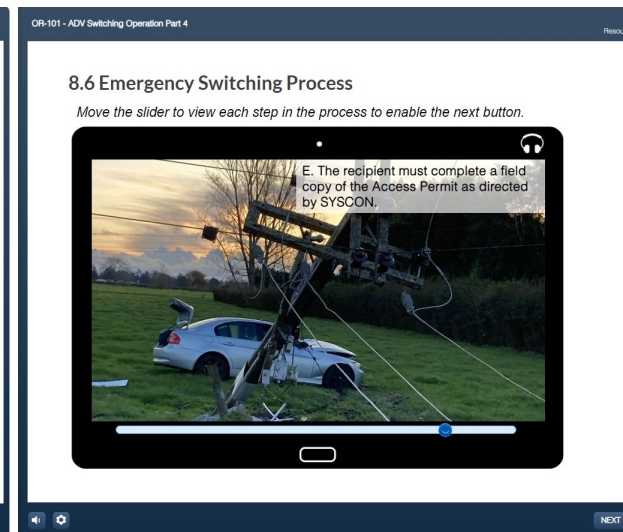
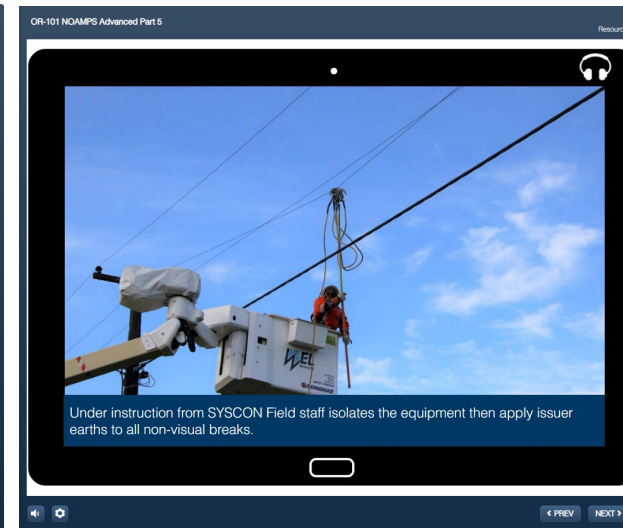
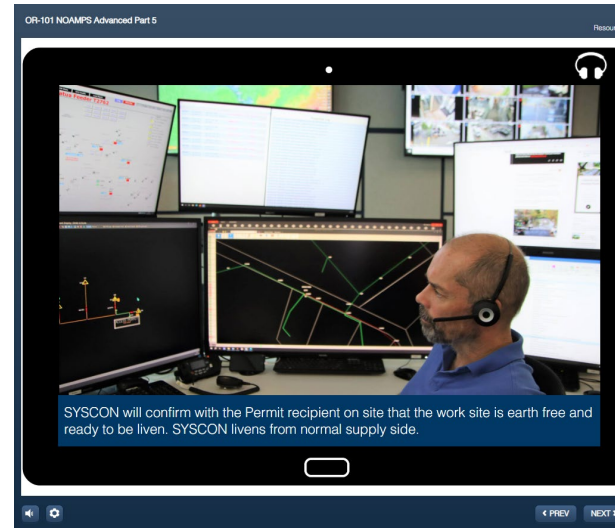


# eLearning

WEL training is developed in house with our training team and learning modules placed in WEL Educated.

The learning module content is delivered by staff via video, photos and audio.

Network Outage Access Management Permits and Switching (NOAMPS) learning has recently been completed by over 300 staff and contractors.



# eLearning

WEL training is interactive to keep trades people engaged.



QR-101 - ADV Switching Operation Part 4

### 8.7 Isolation and Earthing Requirements

Follow the instructions to reveal the isolation and earthing requirements.

The network section must be isolated before applying any earths.

In accordance with SM-EI, the points of isolation and earthing switches providing earthing must be locked in position where it is practical.

If a Circuit Breaker has been closed to provide earthing continuity, the Circuit Breaker must be locked, closed and disabled.

When a Circuit Breaker is withdrawn from a cubicle exposing employees to spouts, access to the spouts must be closed, locked and tagged.

Always test prior to applying earths

Turn interlock anti-clockwise and then the handle to close the earth switch for RM0002 and RM0003

QR-101 - ADV Switching Operation Part 4

### CB rackable

Isolation requirements

- Open
- Remove from service position (isolate)
- Lock access to the busbar shutters
- Tag.

Visual break isolated.

Earthing Requirements

Test

Handle Lock Handle

QR-101 - ADV Switching Operation Part 4

### Expulsion Dropout fuses (EDOs)

SYSCON requires you to open an Expulsion dropout fuses (EDOs) on a pole. "You are clear to open, remove, and tag DD128." Take the hot stick to the EDO.

Hot Stick

DD128 AB1774 AB521

QR-101 - ADV Switching Operation Part 4

### Expulsion Dropout fuses (EDOs)

Isolation requirements

- Open
- Remove
- Tag.

Fuse links removed (Visual break).

Earthing requirements

- Test
- Earth bottom side of DDXXX toward XXXX.

"I can confirm DD128 is now open, removed, and tagged"

DD128

Generator Connection - Transformer

### Test and label neutral (Generator)

5.3 Test to confirm the neutral.

Move the neutral tag on to the tested neutral leads.

Generator Connection - Transformer

### Start generator

7.1 Ensure the generator breaker is in the 'open' position. Start generator and run idle for five minutes.

Click on the generator switch to start the generator.

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# Something Different

WEL Informed Podcast, LV Works Management Process.

## Episode

1. Purpose / Scope
2. Planning work
3. LV Work Permits
4. Live LV Work
5. LV Switching Operations
6. Isolation and bonding

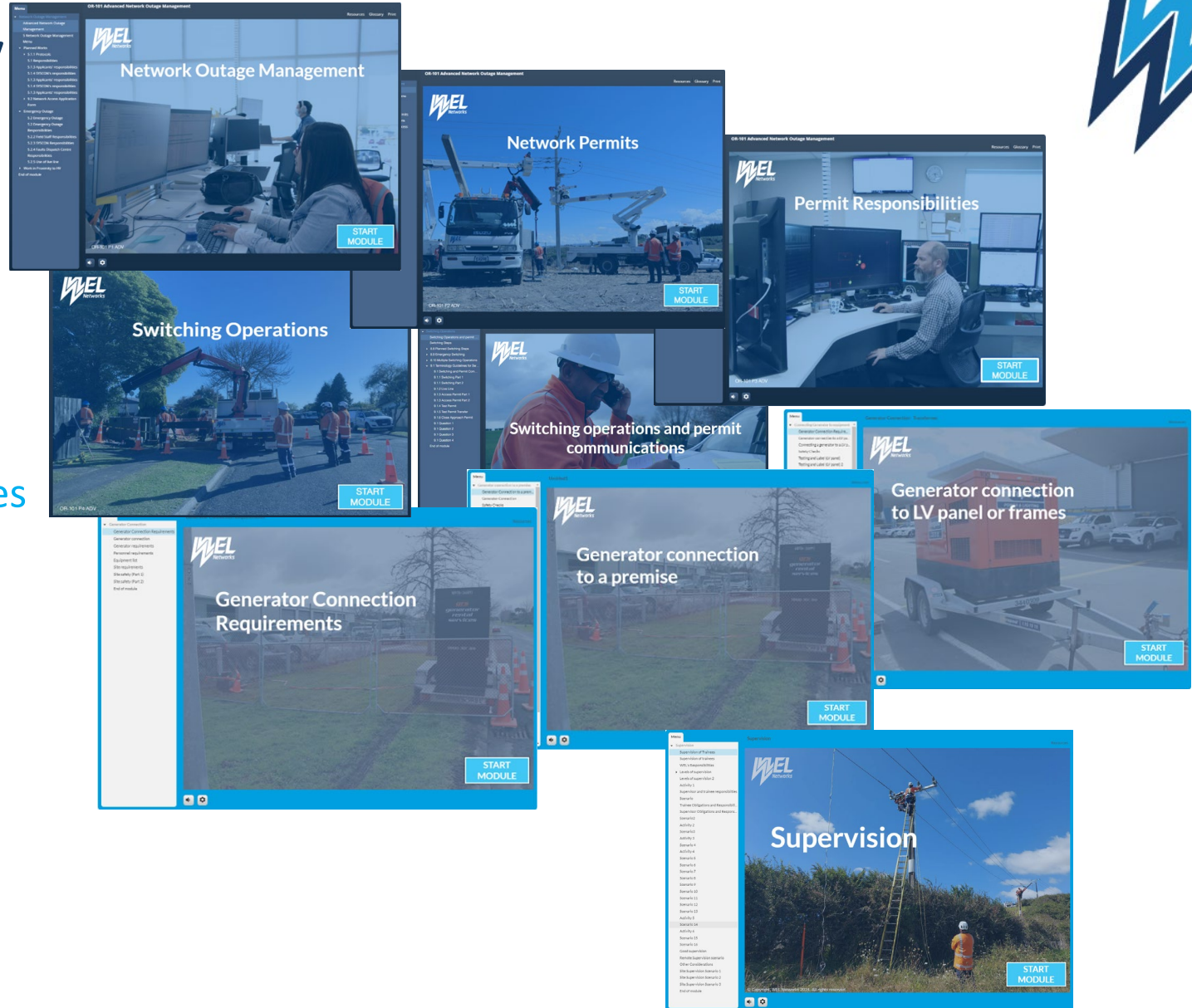




# Development Priority



1. NOAMPS
2. Generator connection
  - a) J-type
  - b) Din type
  - c) Generator port
  - d) Single premises
3. Supervision of staff / trainees
4. TTM Worker
5. Data Logger Connection
6. Substation Battery Testing
7. Working on isolated overhead high voltage lines
8. LV Work Management







- Supervision
  - Supervision of Trainees
  - Supervision of trainees
  - Trainee PEW
  - Trainee PEW
  - WEL's Responsibilities
- Levels of supervision
  - Levels of supervision 2
  - Activity 1
  - Supervisor and trainee responsiblt...
  - Scenario
  - Trainee Obligations and Responsibil...
  - Supervisor Obligations and Respons...
  - Scenario2
  - Activity 2
  - Scenario3
  - Activity 3
  - Scenario 4
  - Activity 4
  - Scenario 5
  - Scenario 6
  - Scenario 7
  - Scenario 8
  - Scenario 9
  - Scenario 10
  - Scenario 11
  - Scenario 12
  - Scenario 13
  - Activity 5
  - Scenario 14
  - Activity 6
  - Scenario 15
  - Scenario 16
  - Good supervision
  - Remote Supervision scenario
  - Site Supervision Scenario 1
  - Site Supervision Scenario 2
  - Site Supervision Scenario 3
- End of module



**Congratulations!** You've reached the end of this module.

Click on **Exit** to return to the course page to complete the Knowledge check quiz

**EXIT**

# Questions



← PREV