

ELCMP– 001 Audit and Works Program Appendix 01

Audits	Document No.	Audit Month	Auditor	Auditor Position	Completed Audit Date	CARS <i>Yes / No & Quantity</i>	CAR Status <i>(Open / Closed) & Date</i>
Health & Safety							
Health and Safety Audit	ELCMP.003	November / December	Various	Arboricultural Inspector			
Plant & Equipment Audit - EWP	ELCMP.004	November / December per plant item	Various				
Plant & Equipment Audit – Tipper/Chipper	ELCMP.005	November / December per plant item	Various				
Compliance							
Inspection Quality Audit	ELCMP.006	September / October while inspecting & November / December while cutting - 5% of network	Various	Coordinator Open Space Operations			
Cutting Quality Audit	ELCMP.007	November / December while cutting - 5% of network	Various	Arboricultural Inspector			
Objectives & KPI Audit	ELCMP.002	Prior to yearly review of ECLMP	Responsible Person	Coordinator Open Space Operations			

Works		Works Month	From Date (Actual)	To Date (Actual)	Responsible Officer sign off to confirm the Inspections, Cutting and Audits are Completed
Mid-Year Inspection	LBRA	July			
Inspection	LBRA	September / October			
Cutting	LBRA	November / December			
Audits	Operational	September / October & November / December			
Audits	Management Plan review	March			

Note: Mid Cycle Inspection audit is an inspection to identify trees that have or may become non-compliant prior to the annual Inspection and Cutting program

ELCMP – 002 Objectives and KPI's Appendix 02

Auditors Name:	Date:
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Objective	KPI	Measure	Results
Compliance with the Electricity Safety (Electric Line Clearance) Regulations 2020 and Code of Practice	100%	Deliver annual vegetation program in line with programmed target dates	
Electrical safety	0 fires or electrical incidents caused by trees	Number of fires	
Minimise fire starts as a result of contact between vegetation and electricity network	0 fire starts	Number of fire starts caused by trees that are the responsibility of Council	
Continuity of electricity supply to customers	Reducing outages	Number of outages caused by Council trees compared to previous 5 year average. (Powercor to Provide data)	
Public Safety	0 injuries to public	Number of injuries	
Provision of a safe workplace for employees and service providers	0 LTI's and tree related work incidents	Contract Reporting and Audit Process	
Vegetation management systems to maximise environment and amenity value of the Council's trees	0 deviations from ELCMP	Processes in ELCMP followed.	

Objective	KPI	Measure	Results	
Protection of areas of important vegetation which may be deemed as such, on the basis of those areas containing botanically, historically or culturally important vegetation or vegetation of outstanding aesthetic or ecological significance, and/or the habitat or rare or endangered species	0 damage to important vegetation as per section 4h of ELCMP	Number of incidents		
Community satisfaction with the manner in which the necessary works required are carried out	100% customer complaints resolved	Number of tree complaints – verify complaints by council tree cutting activities		
Monitoring of historical work load indicators with respect to number of: - Identified vegetation clearance breaches to the code - Emergency clearances - Customer requests for line clearance - Network operator requests for pruning - Clearing not meeting quality requirements (AS4373 min.) - Implementation of audit schedule - Translocations (Habitat or Threatened Species)	0% per program 100% complete 100% resolved 100% completed 100% recorded 100% completed 100% recorded	Review of figures	No.	

Item	Improvement Actions Taken (Immediate Non-conformance Actions, Improvement Actions, Record of Hazard Report Number Issued)	By When	Complete <i>Sign Off & Date</i>

Has a High Risk been identified? Yes ☐ No ☐ (if yes, immediate action required #)
 (# Record action taken in Table below and issue Hazard Report Form)

Has an Improvement been identified? Yes ☐ No ☐ (if yes record in Table above)

Unsafe work practice or OHS hazard? Yes ☐ No ☐ (if yes issue a Hazard Report Form)

Changes required to Procedures, SWMS? Yes ☐ No ☐ (if yes record in Table above)

Changes/additions to the ELCMP? Yes ☐ No ☐ (if yes record in Table above)

(## If you suggest changes or additions to the requirements in this form mark up / write in on this form, record the improvement suggestion in the Table below and submit marked up form to the Manager)

Auditor Signature: _____ Date: _____

Arboricultural Inspector Signature: _____

ELCMP– 003 Health and Safety Audit Appendix 03

Auditors Name:	Date:
Location:	Job Name/No:
Contractor:	Crew Base:

Crew members				
Full Name	Competency current and Qualified ELCMP-022	Vehicle Licence (Expiry Date)	EWP License (Expiry Date)	Client ID (Where applicable)

Legend		
C = Conformance (No action Required)	NC = Non Conformance (Immediate action required)	I = Improvements (Not an incorrect practice, but should be improved)

All Staff trained and in possession of the correct client authorization for the tasks they are doing. Must be sighted (H)	See Above
All Staff have been inducted by Council	See Above
HAC/JSA /SWMS (H)	Available / Evidence of use

Preliminary / Worksite Hazard Management					
No.	Item	C	NC	I	Comments
1.1	Has the Site Supervisor in control of the Worksite been identified and recorded on the HAC?				
1.2	Are the Operators/Subcontractors in control of a task competent to undertake tasks being performed at site?				
1.3	Has the scope and sequence of the work to be performed been discussed with and understood by each Work Group member, including all Safety Observers.				
1.4	Has a Hazard Assessment Checklist been undertaken, documented and communicated by the Supervisor/Employee in Charge to each member of all Work Groups?				
1.5	Hazards particular to site have been identified and effective controls implemented				
1.6	Were you asked to sign onto the job site? (JSA/HAC)				
1.7	As the services being provided progress, have any additional hazards been identified at the Worksite, recorded on an appropriate HAC form and discussed with each member of the Work Group by the Supervisor/Employee in Charge?				
1.8	Does each member of the Work Group understand the HAC process? (ie Worksite specific hazards identified with suitable control measures implemented and monitored throughout the tasks).				
1.9	Has the relevant SWMS been identified and does each member of the Work Group have full understanding of their content and the application to the work being undertaken by each Work Group member.				
1.10	Are appropriate rescue/escape facilities available/operational?				
1.11	Are complete and in test rescue kits in place and prepared for use at the Worksite prior to performance of any works?				

Preliminary / Worksite Hazard Management					
No.	Item	C	NC	I	Comments
1.12	Are effective communication and team support displayed by Work Group members?				
1.13	Upon identification of unsafe work practices, is appropriate action taken by team members?				
1.14	Are acceptable behaviours displayed?				

Health and Well Being					
No.	Item	C	NC	I	Comments
2.1	Do all Work Group members appear capable for work?				
2.2	Consider medication, heat stress, pre-existing injuries identified and managed?				
2.3	Is fatigue and heat stress management being undertaken for each Work Group member throughout the work period?				
2.4	Have all Work site Safety and Environmental rules as prescribed been adhered to as a minimum?				

PPE / Hearing Conservation / First Aid Kit					
No.	Item	C	NC	I	Comments
	PPE				
3.1	Protective Clothing				
3.2	Steel Cap Safety Boots				
3.3	Hard Hat #				
3.4	Hardworking Gloves available				
3.5	Eye Protection				
3.6	Hearing Protection #				
3.7	High Visibility Vest/Outer Garment				
3.8	All employees trained and refreshed annually on the correct use and maintenance of PPE				
3.9	Plugs to be used only once				
3.10	Ear muffs to be regularly inspected				
3.11	Inside cushion to be carefully inspected				
3.12	Are the correct class of insulating gloves worn? Are they in test?				
	Hearing Conservation				
3.13	Ear muffs to be structurally sound. One per person				
3.14	Are hearing protection warning signs on plant/equipment clean and clearly visible?				

PPE / Hearing Conservation / First Aid Kit					
No.	Item	C	NC	I	Comments
	First Aid Kit				
3.15	Check contents of First Aid Kit via contents list.				
3.16	Are the items in First Aid Kit in date? Apply date.				
3.17	Is all PPE mechanically and electrically fit for purpose and in test?				

Manual Handling					
No.	Item	C	NC	I	Comments
4.1	What manual handling tasks occurring on site? List. <i>Manual handling includes: lifting, pushing, pulling, grabbing, holding, reaching or carrying</i>				
4.2	Is manual handling noted on JSA/HAC sheet?				
4.3	What control measures have been used?				
4.4	Is there frequent reaching above shoulder height?				
4.5	Is there excessive/prolonged twisting of the back or neck?				
4.6	Is job rotation being practiced to reduce the likelihood of manual handling injuries? Comment.				
4.7	Are manual handling techniques being adopted acceptable for the hazards associated with the task?				

Worksite Traffic Management						
No.	Item	C	NC	I	N/A	Comments
	Traffic Management Plan					
5.1	Traffic Management Plan exists					
a	• Risk Assessment (HAC) (indicates guidance schemes in use)					
b	• Traffic Guidance Scheme (Site specific or generic)					
c	• Specific location details					
5.2	Is the plan available for inspection?					
5.3	Is the plan appropriate for the work?					
5.4	Are documented changes (if any) to the plan available for inspection?					
5.5	Generic Guidance Schemes available in vehicle					

Worksite Traffic Management						
No.	Item	C	NC	I	N/A	Comments
5.6	Guidance Scheme (inc Speed Limits and Clearance) appropriate to situation <u>Clearance</u> >3m 1.2 – 3m <1.2m <u>Speed</u> - 60 km/h 40km/h					
5.7	Worksite matches Guidance Scheme (or documented where variations)					
5.8	If Memorandum of Agreement (MOA) required, available on site (utility works exempt)					
5.9	Have required permit(s) / agreement(s) from all other relevant Authorities been obtained and complied with to cover all work tasks?					
5.10	Has the applicable hazard (including vehicular and pedestrian traffic) management and relevant control measures been established (eg correct placement of signs, reflective cones and barriers) and has the levels of planning been satisfied to minimise / eliminate all Worksite hazards?					
	Signs					
5.11	Appropriate signs used (Class 1 reflective)					
5.12	Signs located appropriately (as per Guidance Scheme or 2D).					
5.13	Signs visible to road user					
5.14	Signs in good condition					
	Tapers					
5.15	Tapers of appropriate length					
5.16	Sufficient cones of correct size used. (>60 km/hr – 700mm)					
5.17	Reflective tape/sleeves on cones (for night use only)					
	Vehicles					
5.18	Vehicles parked correctly					
5.19	Revolving lights activated/serviceable					
	Personnel					
5.20	Reflective vest/high visibility					
	Other					
5.21	Traffic controller required					
5.22	Traffic controller used					
	Training					

Worksite Traffic Management						
No.	Item	C	NC	I	N/A	Comments
5.23	Sight training/ticket (should be national ticket)					
5.24	Is further training required					

Comments:[illegible]

Has a Non Conformance been identified? Yes ☐ No ☐ (if yes, immediate action required #)
 (# Record action taken in Table below and issue Hazard Report Form)

Has an Improvement been identified? Yes ☐ No ☐ (if yes record in Table above)

Unsafe work practice or OHS hazard? Yes ☐ No ☐ (if yes issue a Hazard Report Form)

Changes required to Procedures, SWMS? Yes ☐ No ☐ (if yes record in Table above)

Changes/additions to this checklist content? Yes ☐ No ☐ (if yes mark up checklist##)

(## If you suggest changes or additions to the requirements in this form mark up / write in on this form, record the improvement suggestion in the Table below and submit marked up form to the Compliance Manager)

Auditor Signature: _____ Date: _____

Crew Leader/Supervisor Signature: _____

[illegible]

ELCMP– 004 Plant and Equipment Audit – EWP Appendix 04

Auditors Name:	Date:
Location:	Job Name/No:
Contractor:	Crew Base:

Crew members (On Site)				
Full Name	Competency current and Qualified ELCMP-022	Vehicle Licence (Expiry Date)	High Risk Work License - WP Class (Expiry Date)	Client ID (Where applicable)

Vehicle Model:		Rego:	
Vehicle Service Date:		Due Date:	Contract:

H = Supervisor must be notified Immediately. Plant not to be operated until supervisor authorises.

All Staff Trained and in possession of the correct client authorization for the tasks they are doing. Must be sighted (H)	See Above
HAC/JSA /SWMS (H)	Available / Evidence of use

EWP ONLY			
Current electrical test certificate EWP (H)	6 monthly	Test Date:	Due Date:
Current Weight Test	6 monthly	Test Date:	Due Date:
Current EWP inspection	3 monthly	Test Date:	Due Date:
	12 monthly	Test Date:	Due Date:
EWP build/re-build date			
Harnesses Visual Inspection (H) 10 years	ID/N		DOM
	ID/N		DOM
Lanyard Visual Inspection (H) 10 years	ID/N		DOM
	ID/N		DOM
CDD and Connectors (H) 10 years	ID/N		DOM
Hydraulic Pole Saw (H) 6 month Spare Saw	ID/N		Due
	ID/N		Due
Emergency Stop/s tested			

Other Insulated Tools (List Below) (H) 6 months	
	ID/N Due
	ID/N Due
	ID/N Due
	ID/N Due

KEY: (✓) OK (✖) Fault Indicated (N/A) Item not applicable

A	SAFETY	COMMENTS	
1	All PPE Company Issue / Approved		
2	Workers Ahead Sign X 2		
	Pedestrian Sign X 2		
	Stop / slow bats X 2		
	Witches hats X 12		
3	Fire Extinguisher:	Charged? Mounted? Accessible? Test Date?	
4	Weekly Tailgate Meeting Proof	Check for Knowledge	
5	Adequate Supervision	Check sign on section HAC book	
6	Spill Kit x 1	Full? Accessible? Checked against contents list?	
7	First Aid Kit and decal on EWP	High Use Items (Band-Aids splinter removers)	
8	Back up First aid Kit sealed & dated.	Perishable items use by date to be labelled.	
9	Bush Fire Safety (<i>Fire Season Only</i>)		
	<i>Knapsack (Fire season)</i>	<i>Disp masks (Fire season)</i>	
	<i>Rake / hoe (Fire season)</i>	<i>Goggles (Fire season)</i>	

B	INSULATED TOOLS	COMMENTS	
1	Condition		
2	Cleanliness		
3	Stored correctly		

C	HAZARDOUS SUBSTANCES	COMMENTS	
1	All Chemicals stored in manufacturers container (including fuel and oil)		
2	Labels legible		

D	MANUALS ETC.	COMMENTS	
1	Company manual	Correct Version, SWMS require changing? SWMS, Signed, Work Instructions	
2	Traffic Management Manual	Region / State Specific	
3	Tools and Equipment Manuals		
4	MSDS Folder	MSDS in date (within 5 years), MSDS for all chemicals	
5	3pt of contact decal	Present? Legible?	

E	EWP	COMMENTS	
1	Condition of EWP Bucket / Liner Condition Insulated Covers Panels Tyres	Free from Damage and clean? Free from Damage and clean? Eg: dints in doors/guards etc. Road worthy condition? Check spare as well.	
2	Daily logbook filled in		
3	EWP Daily, Weekly inspection	Review actions to ensure faults rectified	
4	Cab housekeeping		
5	Earth Chain		
6	Stabiliser Pads X2		
7	Chocks: X 2	Present? In use?	
8	EWP Operating Manuals	Present? Legible?	
9	Decals	Present? Legible?	
10	Limits of Approach displayed		
11	Tie Down Strap		
12	Jack (incl. brace and handle)		
13	Hydraulic leaks		
14	Engine bay clear from debris	Clear if needed.	
15	Fiberglass Boom clear debris	Clear if needed.	
16	Handsaw available in bucket		
17	4WD engaged warning light operational	Check to ensure	
18	Wheel nuts tight		
19	Flashing lights	All working?	
20	Reverse warning beeper	All working?	
21	SWL marked on basket	Present? Legible?	

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Has a High Risk been identified? Yes ☐ No ☐ (if yes, immediate action required #)
 (# Record action taken in Table below and issue Hazard Report Form)

Has an Improvement been identified? Yes ☐ No ☐ (if yes record in Table above)

Unsafe work practice or OHS hazard? Yes ☐ No ☐ (if yes issue a Hazard Report Form)

Changes required to Procedures, SWMS? Yes ☐ No ☐ (if yes record in Table above)

Changes/additions to this checklist content? Yes ☐ No ☐ (if yes mark up checklist##)

(## If you suggest changes or additions to the requirements in this form mark up / write in on this form, record the improvement suggestion in the Table below and submit marked up form to the Compliance Manager)

Auditor Signature: _____ Date: _____

Crew Leader/Supervisor Signature: _____

ELCMP– 005 Plant and Equipment Audit – Tipper Chipper Appendix 05

Auditors Name:	Date:
Location:	Job Name/No:
Contractor:	Crew Base:

Crew members (On Site)				
Full Name	Competency current and Qualified ELCMP-022	Vehicle Licence (Expiry Date)	High Risk Work License - WP Class (Expiry Date)	Client ID (Where applicable)

Vehicle Model:		Rego:	
Chipper Model:		Rego:	
Vehicle Service Date:		Due Date:	Contract:

H = Supervisor must be notified Immediately. Plant not to be operated until supervisor authorises.

All Staff trained and in possession of the correct client authorization for the tasks they are doing. Must be sighted (H)	See Above
HAC/JSA /SWMS (H)	Available / Evidence of use

CHIPPER ONLY	
Anvil Guard Safety Switch (H)	Remove Guard and attempt to start
All guards + chute holder operational (H)	Physically Check
Reverse Safety Bar and emergency stops operational (H)	Check While Running
Tear Away switch and cable (H)	Visual Inspection

KEY:	(✓) OK	(✖) Fault Indicated	(N/A) Item not applicable
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A	SAFETY	COMMENTS	
1	All PPE Company Issue / Approved		
2	Workers Ahead Sign X 2		
	Pedestrian Sign X 2		
	Stop / slow bats X 2		
	Witches hats X 12		
3	Fire Extinguisher:	Charged? Mounted? Accessible? Test Date?	
4	Weekly Tailgate Meeting Proof	Check for Knowledge	
5	Adequate Supervision	Check sign on section HAC book	
6	Spill Kit x 1	Full? Accessible? Checked against contents list?	
7	First Aid Kit and decal on EWP	High Use Items (Band-Aids splinter removers)	
8	Back up First aid Kit sealed & dated.	Perishable items use by date to be labelled.	
9	Bush Fire Safety (<i>Fire Season Only</i>)		
	<i>Knapsack (Fire season)</i>	<i>Disp masks (Fire season)</i>	
	<i>Rake / hoe (Fire season)</i>	<i>Goggles (Fire season)</i>	

B	HAZARDOUS SUBSTANCES	COMMENTS	
1	All Chemicals stored in manufacturers container (including fuel and oil)		
2	Labels legible		

C	MANUALS ETC.	COMMENTS	
1	Company manuals	Correct Version, SWMS require changing? SWMS, Signed, Work Instructions	
2	Traffic Management Manual	Region / State Specific	
3	Tools and Equipment Manuals		
4	MSDS Folder	MSDS in date (within 5 years), MSDS for all chemicals	
5	3pt of contact decal	Present? Legible?	

D	TIPPER & CHIPPER	COMMENTS	
1	Condition of Tipper/Chipper (list damage) Tyres Tipper Tyres Chipper – Light Truck Panels Hydraulic Leaks	RWC? RWC? Eg: dints in doors/guards etc.. Tipper Ram?	
2	Pre Trip Inspection	Review actions to ensure faults rectified	
3	Cab housekeeping		
4	Chocks: Present?		
5	Safety Chains x2	Check Condition of chains and attachment points. Chains crossed?	
6	Decals present, legible		
7	Condition of winch	Must NOT be a steel cable	
8	Towing assembly. Adequate/cracked/components missing		
9	Reverse Bar	High visibility tape	
10	Tipper – Electric brake slide operational		
11	Wheel Brace, Jack & Handle		
12	Wheel nuts	Tipper and Chipper, check for signs of loosening. Wheel nut indicators in place?	
13	Flashing Lights	All working?	
14	Reverse warning beeper	All working?	
15	No accumulated debris on chipper frame.	Check and clear.	

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 (# Record action taken in Table below and issue Hazard Report Form)

Has an Improvement been identified? Yes ☐ No ☐ (if yes record in Table above)

Unsafe work practice or OHS hazard? Yes ☐ No ☐ (if yes issue a Hazard Report Form)

Changes required to Procedures, SWMS? Yes ☐ No ☐ (if yes record in Table above)

Changes/additions to this checklist content? Yes ☐ No ☐ (if yes mark up checklist##)

(## If you suggest changes or additions to the requirements in this form mark up / write in on this form, record the improvement suggestion in the Table below and submit marked up form to the Compliance Manager)

Auditor Signature: _____ Date: _____

Crew Leader/Supervisor Signature: _____

ELCMP– 006 Inspection Quality Audit Appendix 06

Auditors Name:	Date:
Region:	Feeder:
Crew:	Contractor (Y / N):
LIS Start:	LIS Finish:
Program:	Total No. Spans:

Legend		
C = Conformance (No action Required)	NC = Non Conformance (Immediate action required)	I = Improvements (Not an incorrect practice, but should be improved)

All Staff trained and in possession of the correct client authorization for the tasks they are doing. Must be sighted (H)	See Above
HAC/JSA /SWMS (H)	Available / Evidence of use

Inspection					
No.	Item	C	NC	I	Comments
1.1	Has the inspection been completed on Tablet or Printout?				
1.2	Are clearance space requirements recorded correctly? (Allowance for Sag & Sway, Conductor Type, Regrowth)				
1.3	Has work requirements been recorded correctly? (Removals, Trim Numbers, Equipment Selection)				
1.4	Has the vegetation been assessed for proposed works resulting in compliance to AS4373, as far as practicable				
1.5	Hazards outside the clearance and regrowth spaces have been identified?				
1.6	Is Work Instruction to a satisfactory standard?				
1.7	Has customer notification been undertaken to contract requirements? Are contact details recorded when possible?				
1.8	Has any urgent work been identified that is not Councils responsibility and referred?				
1.9	Does the Inspector have ELCMP Reference Manual?				
1.10	Does the Inspector have appropriate ID?				
1.11	Is correct PPE being worn & JSA Sheet completed?				

Inspection						
No.	Item	C	NC	I	Comments	
1.12	Do all Exceptions clearances, specified in the assessments satisfactory and has an appropriate safety outcome has been achieved.					
1.13	Conductor Recognition Level (Circle)	Very Low	Low	Satisfactory	High	Very High
1.14	Vegetation Species Identification Level (Circle)	Very Low	Low	Satisfactory	High	Very High
1.15	Competency Check- Inspector was tested on: Select Task _____					

Comments:

Has a Non Conformance been identified? Yes ☐ No ☐ (if yes, immediate action required #)
 (# Record action taken in Table below and issue Hazard Report Form)

Has an Improvement been identified? Yes ☐ No ☐ (if yes record in Table above)

Unsafe work practice or OHS hazard? Yes ☐ No ☐ (if yes issue a Hazard Report Form)

Changes required to Procedures, SWMS? Yes ☐ No ☐ (if yes record in Table above)

Auditor Signature: _____ Date: _____

Arboricultural Inspector Signature: _____

Item	Improvement Actions Taken (Immediate Non-conformance Actions, Improvement Actions, Record of Hazard Report Number Issued)	By When	Complete <i>Sign Off & Date</i>

ELCMP– 007 Cutting Quality Audit Appendix 07

Auditors Name:	Date:
Region:	Feeder:
Crew:	Contractor (Y / N):
LIS Start:	LIS Finish:
Program:	Total No. Spans:

Legend		
C = Conformance (No action Required)	NC = Non Conformance (Immediate action required)	I = Improvements (Not an incorrect practice, but should be improved)

All Staff trained and in possession of the correct client authorization for the tasks they are doing. Must be sighted (H)	See Above
HAC/JSA /SWMS (H)	Available / Evidence of use

Cutting						
No.	Item	C	NC	I	Comments	
1.1	Has the cut data been completed on Tablet or Printout?					
1.2	Are clearance space requirements being achieved? (Following Instruction requirements)					
1.3	Are cutting techniques appropriate?					
1.4	Cutting to AS4373 where appropriate?					
1.5	Is clean up to a satisfactory standard?					
1.6	Are Daily Work Sheets completed correctly?					
1.7	Is work instruction being followed? (Trim Numbers, Removals, Customer Contact)					
1.8	Vegetation which is cut is only that identified on Daily Work Sheet					
1.9	Defects have been rectified within agreed timeframes and with agreed methods?					
1.10	Defects rectified to customer satisfaction?					
1.11	Do the Crew Members have Client ID Cards?					
1.12	Is correct PPE being worn & JSA Sheet completed?					
1.13	Is vehicle presentation to a satisfactory standard? (Logo's displayed)					
1.14	Overall Cutting Quality (Circle)	Very Low	Low	Satisfactory	High	Very High
1.15	Overall Paperwork & Reporting (Circle)	Very Low	Low	Satisfactory	High	Very High
1.16	Does cutter have appropriate training					

Cutting

No.	Item	C	NC	I	Comments
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Comments:

Has a Non Conformance been identified? Yes ☐ No ☐ (if yes, immediate action required #)
 (# Record action taken in Table below and issue Hazard Report Form)

Has an Improvement been identified? Yes ☐ No ☐ (if yes record in Table above)

Unsafe work practice or OHS hazard? Yes ☐ No ☐ (if yes issue a Hazard Report Form)

Changes required to Procedures, SWMS? Yes ☐ No ☐ (if yes record in Table above)

Auditor Signature: _____ Date: _____

Crew Leader/Supervisor Signature: _____

Item	Improvement Actions Taken (Immediate Non-conformance Actions, Improvement Actions, Record of Hazard Report Number Issued)	By When	Complete <i>Sign Off & Date</i>

ELCMP– 008 Corrective Action Report (CAR) Appendix 08

[illegible]

ELCMP– 009 Plant Daily Inspection – Fault Report Appendix 09

Week Starting

Project Site Location

Plant Type Plant No. Reg'n. No.

Plant Operator Daily Safety Checklist

Operators are required to check the following times before starting work. These records form the basis of a plant maintenance procedure and will be subject to random inspection. Keep the record with you at all times.

Please mark the boxes with one of the following:

X Fault identified. (Use fault/defect report below)



Okay. No obvious defect.

N/A Item not applicable to this plant.

Before starting operations check		Mon	Tues	Wed	Thurs	Fri	Sat	Sun
Record plant hours / kms reading								
1. Brakes, steering, lights, gauges, warning devices.								
2. Visibility – windscreen, wipers, washers, demister, mirrors, windows.								
3. Cabin – access/egress, seating, seatbelts, loose objects, control levers.								
4. Wheels – tyres, nuts, damage, wear, pressure (visual)								
5. Guards – in place, secure, warning signs, lights, alarms.								
6. Hydraulics – rams, hoses, leaks, wear.								
7. Excessive wear – hooks, chains, pins, pivots, tracks, ground engagement tools.								
8. Oil and coolant levels.								
9. Miscellaneous – fire extinguisher, first aid, phone/communications, etc.								
Operators' names (print)								
Operators signatures								
Supervisor's signature (random check)								

Plant Fault/ Defect Report

To be used to report any fault or defect identified during daily plant safety checks or during work operations.

Reported by: Reported to:

.....

Position: Position:

.....

Date:

Reporting method ☐ Phone ☐ In Person ☐ Radio

Details of fault/defect.

.....

Is the fault a safety hazard? **Yes / No**

Does the machine need immediate repair? **Yes / No**

If you answered **Yes** to either question, **park machine up** and contact plant manager or your supervisor.

Machine **must not be used** until plant manager or his delegate gives clearance for use.

If **No** indicate when machine needs attention and submit this form with daily report.

Needs attention in next few days. **Yes / No** Needs attention at next service. **Yes / No**

Signature: Date:

ELCMP– 010 Induction Checklist Appendix 10

The person providing the induction must be able to demonstrate full knowledge of all items discussed!

Name: Position:

Subcontractor Name: Contact No:

Name of person providing the Induction:

Date of Commencement:/...../.....

Date of Induction:/...../.....

	<i>Inducted person to tick</i>	n/a	yes	no
1. Welcome employee	☐	☐	☐	☐
2. Manager, Supervisors & Co-workers introduced and their roles & responsibilities explained	☐	☐	☐	☐
3. Contract requirements discussed incl Program	☐	☐	☐	☐
Work tasks and job description explained	☐	☐	☐	☐
Site and job hazards and risks	☐	☐	☐	☐
4. Overview of workplace safety requirements;				
• Site Safety and Environmental Rules	☐	☐	☐	☐
• Emergency Contacts	☐	☐	☐	☐
• Emergency instructions	☐	☐	☐	☐
• First aid kits	☐	☐	☐	☐
• Names of HSR, First Aiders	☐	☐	☐	☐
• Office Location & Contact details	☐	☐	☐	☐
• Drug and Alcohol Policy	☐	☐	☐	☐
• Protective equipment & clothing requirements	☐	☐	☐	☐
• Location of fire extinguishers	☐	☐	☐	☐
• Explain Plant/Vehicle/Equipment Safety Rules	☐	☐	☐	☐
• OH&S aspects of general construction work	☐	☐	☐	☐
5. Explain the following requirements;				
• Electric Line Clearance Management Plan	☐	☐	☐	☐
• Location of any vegetation that is native, ecological, historical, aesthetic, cultural or environmental significance				

- Definition of "As Far As Reasonability Practicable"
 - Audit process
 - OHS, Quality & Environmental Policies [] []
 - Pre-work Hazard Assessment book [] []
 - Hazard Reporting procedure [] []
 - Dangerous goods/hazardous substances on site [] []
 - Weekly Timesheets [] []
 - Incident/Injury Reporting procedure [] []
 - Dispute Resolution procedure [] []
 - Employee's responsibility for Safety [] []
 - All other applicable safety requirements for role [] []
6. Issue copy of all current and applicable SWMS [] []
 Explain each risk control requirement.
 Obtain written confirmation of agreement and understanding on SWMS.
7. Discuss contract specific Environmental controls [] []
8. Discuss any allergies/medications taken [] []
9. Copy any training records required (attach to form) [] []

MINIMUM COMPULSORY PERSONAL PROTECTIVE CLOTHING & EQUIPMENT

This list indicates the compulsory Protective Clothing & Equipment to be worn and used by all personnel and subcontractors **AT ALL TIMES** on all Work Sites:

- ☐ PROTECTIVE OVERALLS OR APPROPRIATE WORK CLOTHES SUCH AS LONG SLEEVE SHIRTS, LONG TROUSERS
- ☐ HIGH VISIBILITY SAFETY CLOTHING, VESTS OR SHIRTS
- ☐ STEEL CAPPED SAFETY BOOTS (AS/NZS 2210)
- ☐ SAFETY HELMET (AS/NZS 1801)
- ☐ TINTED SAFETY GLASSES with side protection (AS/NZS 1337)
- ☐ SUN PROTECTION INCLUDING SUN SCREEN LOTION (30 PLUS)
- ☐ GLOVES
- ☐ FACE PROTECTION (if required)
- ☐ EAR PROTECTION (AS/NZS 1269 Part 3)

EMPLOYEE/CONTRACTOR INDUCTION VERIFICATION

I

(Print Name)

acknowledge that I have been inducted into the Induction Program as contained over the page and understand my responsibilities in relation to company safety requirements.

I am committed to working within the rules, procedures and training provided and applying ONLY safe work practices at all times.

I have been issued with and or have access to the stated PPE and agree that it is required and I will ensure I abide by the rules for its use.

I understand my Duty of Care to myself and others.

I understand that I may be held responsible if an incident arises due to my own negligence or deliberate non-compliance with company rules, procedures and or training.

Induction Types *(to be completed by Inductor)*

- ☐ Contract Induction
- ☐ Relevant Risk Assessment & Control Documents Issued (i.e SWMS, JSA sheets, Plant Checklists)
- ☐ Personal Protective Clothing & Equipment Issued (if required)

Allergies/Medications:

Next of Kin:

(Print Name)

Relationship: **Contact Number:**.....

Inducted Person:

(Print Name)

Signed:

(by Inducted Person)

Inductor:

(Print Name)

Signed:

(by Inductor)

Date:

ELCMP– 011 Inspection Work Instruction & Daily Works Record Appendix 011

Presummer / **LBRA Cyclic** / HBRA Cyclic

Year:

Feeder:

Inspector Name:

Date:

Suppressions:

Tree Details												Inspection						Works		
Job No	LIS Number	Outside Number	Address	HV	LV	Service	ABC	Pole	Ver. Clearance	Hor. Clearance	Species	Removal Light	Removal Med	Cannot be cut to Code (Refer Comments)	Plant Req.	Est Mins	Date Inspected	Date Cut	Est. Growth from Previous Year	Comments
1	33075	2	Centre Crt.			Y					Hakea laurina									
2	816282	5	Haven Crt.			Y					Callistemon viminalis									
3	33208	71	Riverside Dr.		Y	Y					Eucalyptus leucoxylon									
4	33207	65	Riverside Dr.		Y	Y					Eucalyptus leucoxylon									
5	33206	61	Riverside Dr.		Y						Eucalyptus leucoxylon									Tree is on opposite side of the road
6	33206	44	Riverside Dr.		Y						Eucalyptus leucoxylon									
7	33206	59	Riverside Dr.			Y					Eucalyptus leucoxylon									
8	33205	55	Riverside Dr.			Y					Eucalyptus leucoxylon									
9	734122	43	Riverside Dr.			Y					Corymbia ficifolia									
10	33653	37	Riverside Dr.			y					Eucalyptus leucoxylon									
11	734120	34	Riverside Dr.		Y						Eucalyptus leucoxylon									
12	33652	33	Riverside Dr.			Y					Eucalyptus leucoxylon									
13	734124	23	Riverside Dr.				Y				Eucalyptus leucoxylon									Tree is on opposite side of the road
14	734123	12	Riverside Dr.				Y				Pittosporum undulatum									
15	33652	18	Riverside Dr.				Y				Eucalyptus leucoxylon									
16	33200	17	Riverside Dr.			Y					Eucalyptus leucoxylon									
17	33199	13	Riverside Dr.			Y					Eucalyptus leucoxylon									

ELCMP– 012 Areas of Aboriginal Cultural Heritage Sensitivity Appendix 12



The blue shaded areas are the areas of Aboriginal cultural sensitivity from the source data.

ELCMP– 013 Training Matrix Appendix 13

Skills and Training	Qualification / Competency Standard Unit (CSU) number	Roles					
		Arborist	Assessor	Cutter working from EWP	Ground Crew	Specialised Plant Operator	Tree Climber
Qualifications							
Certificate II in ESI - Powerline Vegetation Control	UET20321		M	M	C	M	M
Certificate III in Arboriculture ¹	AHC30824	M	C				
Licence							
High Risk Work Licence - Boom-type Elevating Work Platform (WP)	TLILIC0005			M	M	C	
Licence to operate a boom-type elevating work platform (boom length 11 metres or more)							
Core Competency Standard Units							
Apply work health and safety requirements for powerline vegetation control	UETDRVC001		M	M	C	M	M
Comply with environmental requirements	UETDREL002		M	M	C	M	M
Work safely in the vicinity of live electrical apparatus as a non-electrical worker	UETDREL006		M	M	C	M	M
Operate and maintain chainsaws	AHCMOM213		M	M	C	M	M
Monitor vegetation control work in the vicinity of live electrical apparatus	UETDRVC009		M	M	C	M	M
Elective Competency Standard Units							
Control vegetation in the vicinity of live electrical apparatus from ground level	UETDRVC005			C	C		C
Control vegetation in the vicinity of live electrical apparatus from within the tree	UETDRVC006						M
Assess vegetation in an electricity supply industry environment	UETDRVC002	M	M				
Control vegetation in the vicinity of live electrical apparatus from an elevated work platform	UETDRVC004			M			
Use specialised plant to cut vegetation above ground in the vicinity of live electrical apparatus	UETDRVC011					M	
Control vegetation using pruning techniques	UETDRVC007			M		M	M
Perform rescue from within a tree in the vicinity of live electrical apparatus	UETDRVC010						M
Fell small trees	AHCPCM205			C	C	C	C

Access trees for inspection		AHCARB322						M
Apply chemicals under supervision		AHCCHM201			C	C	C	C
Operate machinery and equipment		AHCMOM304			C	C ²	M	C
Identify Trees		AHCARB323	M	M	C	C	C	C
Operate a mobile chipper/mulcher		FWPHAR2208			C	C ²	C	C
Control Traffic with stop go bat		RIIWHS20SE			C	C	C	C
Implement traffic management plans		RIIWHS302E			C	C	C	C
Initial training								
ESI safety rules for work on, near or in the vicinity of electrical apparatus		UETDRMP002		M	M	M	M	M
Prepare to work safely in the construction industry		CPCWHS1001		M	M	M	M	M
Freq	Annual Competencies							
1 Year	Provide cardiopulmonary resuscitation	HLTAID009		M	M	M	M	M
1 Year	Perform elevated work platform-controlled descent escape	UETDRMP004			M			
1 Year	Perform elevated work platform rescue	UETDRMP005			M			
1 Year	Provide first aid in an ESI environment	UETDRMP010		M	M	M	M	M
1 Year	Safe Approach Distances - Vegetation Work	SADS		M	M	M	M	M
Legend								
M	Mandatory							
C	Conditional - If an employee is required to have this Qualification, Licence, Competency unit or training for the works being performed, or is specified by council then it is deemed as Mandatory. -Competency assessment/refresher Training/Authority Training is mandatory for training where a frequency is applied.							
Notes								
¹ Suitably qualified arborist means an arborist who has: a) as a minimum, the qualification of National Certificate III in Arboriculture including the "Perform a ground-based tree defect evaluation" unit of competency, or an equivalent qualification; and b) at least 3 years of field experience in assessing trees.								
² - Operating a chipper will require initial training in Operate machinery and equipment AHCMOM304 or Operate a mobile chipper/mulcher FWPHAR2208								
For the training and assessment criteria refer to suitable RTO								
Where a person performs multiple roles, they shall undertake the mandatory training for each of those roles								

A safety observer(s) shall be appointed where any part of a person, mobile plant or vegetation could come within the safe approach distances. The safety Observer assigned shall have sufficient knowledge of the task being performed and competent for the duty of observing and warning of any unsafe approach to electrical apparatus. This will typically mean the Observer will have the same training and qualifications as the operator being observed.

ELCMP– 014 Exception Risk Assessment Form Appendix 14

To be completed when the clearance space is to be reduced around LV in the LBRA (refer Regulations Part 2 Div. 1 Sect. 4 to 7)			
Tree Address			
Assessor Name		Position	
Company		Date	
Section 4 Criteria Check for E4 exception (Structural branches Insulated LV only)			
LV Insulated lines	Length and Dia. advice	Compliant	
Branch >130mm, and			
Enters > 150mm from the line if span<=40m or			
Enters > 300mm from the line if span >40m			
Arborist advice no visible structural defects to cause failure and contact with line	Refer to Part 3 below		
What is the risk if failure occurs	Complete Part 2 below		
Section 6 Criteria Check for E6 exception (Small branches Uninsulated LV)			
LV Uninsulated in LBRA lines plus the following criteria	Size/length	Compliant	
the branch is less than 10 millimetres wide at the point at which it enters the minimum clearance space and is no more than 500 millimetres inside the minimum clearance space; and			
the point at which the branch originates is below the height of the electric line; and			
in the case of a branch that comes within the minimum clearance space around the middle 2 thirds of the span, the span is fitted with— (i) one conductor spreader if the length of the span does not exceed 45 metres; or (ii) 2 conductor spreaders if the length of the span exceeds 45 metres; and Note: A spreader is not required to be fitted to the span if the branch comes within the minimum clearance space around the first or last sixth of the span.			
Arborist Report Completed <12 Months	does not have any visible structural defect that could cause the branch to fail and make contact with the electric line		
Council completed a Risk assessment	Complete Part 2 Below		
Council implemented mitigation measures	Complete Part 2 Below		
Section 7 Criteria Check for E7 exception (Structural branches Uninsulated LV LBRA)			
LV uninsulated in LBRA lines	and	N/A No. / Dia	
Veg in centre 2/3rds Span >45m, or	Has 2 spreaders or more		
Veg in centre 2/3rds Span <45m, or	Has 1 spreader or more		
Veg in 1 st or last 1/6 th of span, and	Has 0 spreaders or more		
Branch is >*130mm diameter, and	<=500mm inside the clearance space		

Arborist Report Completed <14 Months	does not have any visible structural defect that could cause the branch to fail and make contact with the electric line	
Council implemented mitigation measures	Complete Part 2 Below	

If all Criteria, where applicable, has been met continue to section 2.

Part 2 Risk Assessment

Assess Risks associated with the branch and list measures to mitigate risk

Risk	Effective measures to mitigate the risk implemented	Date

Part 3 Arborist Report

Requirement	Criteria	Yes/No
Arborist Report	Attach a completed a Report with photo	
Suitably Qualified	3 years' experience & Lev. 3 with Assess trees	
Report concludes branch	Does not have any visible structural defect that could cause the branch to fail and make contact with the electric line	
	- If yes date required works were completed and by whom	

Part 4 Authorisation

Authorised by	Name	Signature	Date
Assessor			
Council Officer			
Unit Manager			

ELCMP– 015 Community Notification Letter Appendix 15

To be printed on Council letterhead

Our Ref: Record Number

Your Ref:

Contact: Author.First Names Author.Last Name 03 5261 0600

Date Modified

Addressee.First Names Addressee.Last Name

Addressee.Address

Dear Addressee.First Names Addressee.Last Name

Electrical Line Clearance Works

Surf Coast Shire has contracted **xxx** to carry out Powerline Clearance works in Council's Declared Area.

Surf Coast Shire must maintain vegetation clearance around powerlines in compliance with the Electricity Safety (Electric Line Clearance) Interim Regulations 2025 (Vic) (Regulations) and the Code of Practice for Electric Line Clearance set out in the Schedule to the Regulations (Code).

Tree **trimming/removal** works are planned for the tree on your nature strip. These works will commence within _____ weeks. Working hours will be between 7:30am and 5:00pm weekdays. Traffic control around the sites will be managed by the contractor.

We apologise for any inconvenience and your patience and co-operation is appreciated during this time. Please approach the area with caution during the course of the works.

These works will commence after 14 days and before 60 days from this notice. If works are delayed and cannot commence before 60 days we will issue you with another notice.

If you have any questions please contact us anytime at www.surfcoast.vic.gov.au/request or if you don't have access to the internet call us 8.30am - 5pm Monday to Friday on 5261 0600.

Yours sincerely

Ella Watson

Coordinator Open Space Operations

ELCMP– 016 Newspaper Notice and Social Media Post Appendix 16

Vegetation Management Near Overhead Powerlines

Surf Coast Shire has contracted [] to carry out Vegetation Powerline Clearance works in Council's Declared Area.

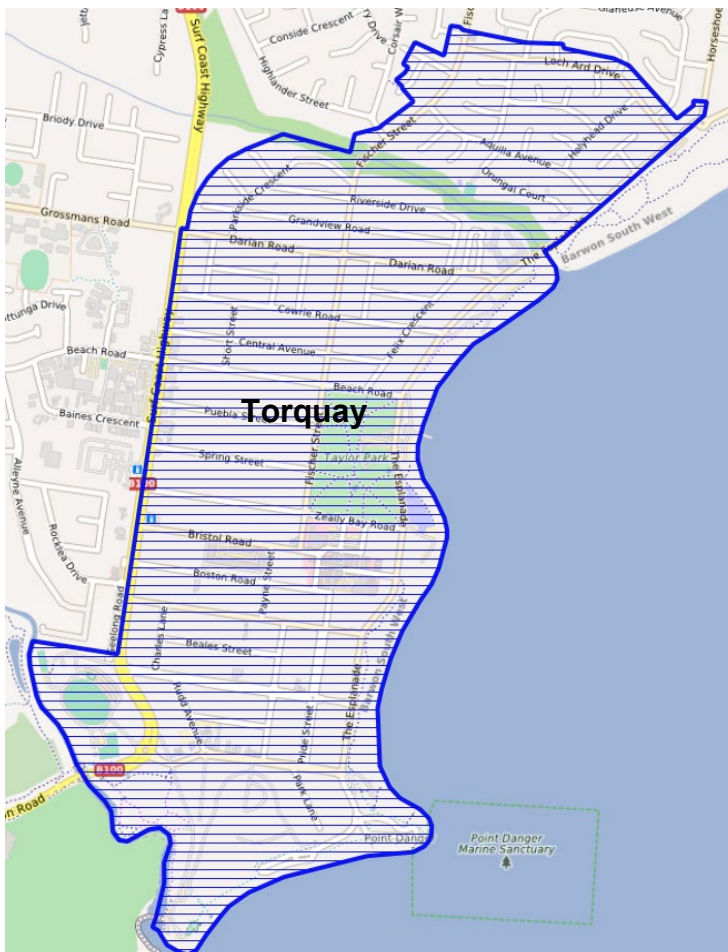
As part of this program the Street Trees and Powerlines are inspected regularly to ensure no impact to power supply through conflict with trees.

All vegetation maintenance works is required to be carried out in compliance with the Electricity Safety (Electric Line Clearance) Interim Regulations 2025.

These Regulations stipulate a minimum safe clearance between tree and Powerlines, to keep re-growth clear of Powerlines.

Surf Coast Shire is responsible for the Powerline clearance of Trees on Council land in the area highlighted in the map below. The tree works in this area will be carried out over the next 14 to 60 days. Regular auditing occurs throughout the year.

If you have any inquiries regarding the above please contact Co-ordinator Parks & Open Space Surf Coast Shire on (03) 5261 0577.

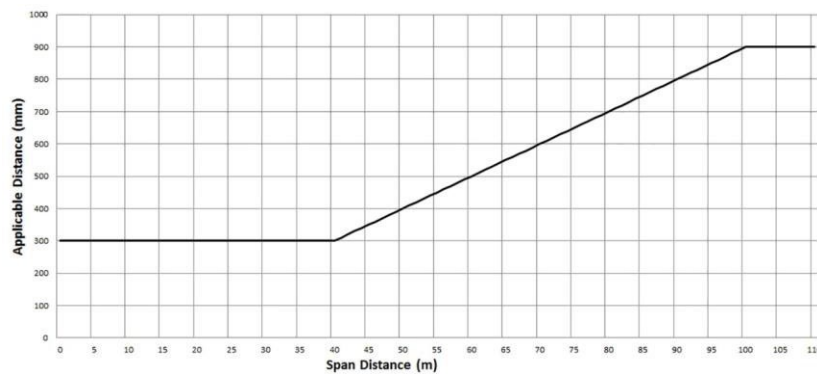


ELCMP– 017 Schedule 2 Applicable distance for middle 2 thirds of electric line span Appendix 17

The following pages have been extracted from Electricity Safety (Electric Line Clearance) Interim Regulations 2025.

GRAPH 1—INSULATED ELECTRIC LINES IN ALL AREAS

Clauses 3 and 24



Graph 1 Formula

The formula by which the applicable distance for the middle 2 thirds of an electric line span to which clause 24 applies is calculated as follows:

For $0 < SD \leq 40$, $AD = 300$ mm

For $40 < SD \leq 100$, $AD = 300 + ((SD - 40) \times 10)$ For $100 < SD$, $AD = 900$ mm

Where:

SD = Span Distance

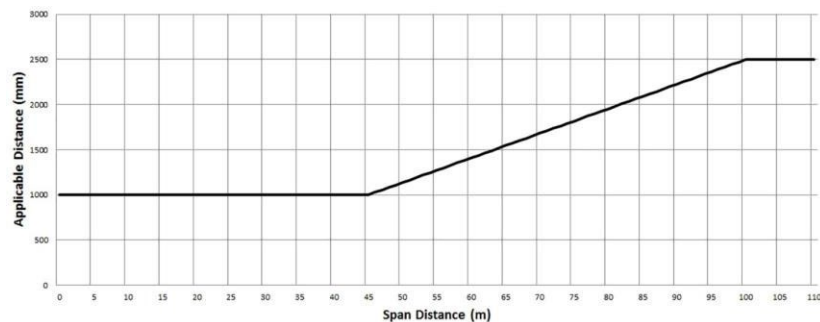
AD = Applicable Distance

Notes to Graph 1

- (1) The applicable distance includes allowances for sag and sway of the conductor.
- (2) The minimum clearance space for an electric line span to which this Graph and clause 24 apply is partially illustrated in Figures 1, 2 and 3.
- (3) The applicable distance for the first and last sixths of an electric line span to which clause 24 applies is 300 millimetres.

GRAPH 2—UNINSULATED LOW VOLTAGE ELECTRIC LINE IN LOW BUSHFIRE RISK AREA

Clauses 3 and 25

**Graph 2 Formula**

The formula by which the applicable distance for the middle 2 thirds of an electric line span to which clause 25 applies is calculated as follows:

For $0 < SD \leq 45$, $AD = 1000$ mm

For $45 < SD \leq 100$, $AD = 1000 + ((SD - 45) \times (1500 \div 55))$ For $100 < SD$, $AD = 2500$ mm

Where:

SD = Span Distance

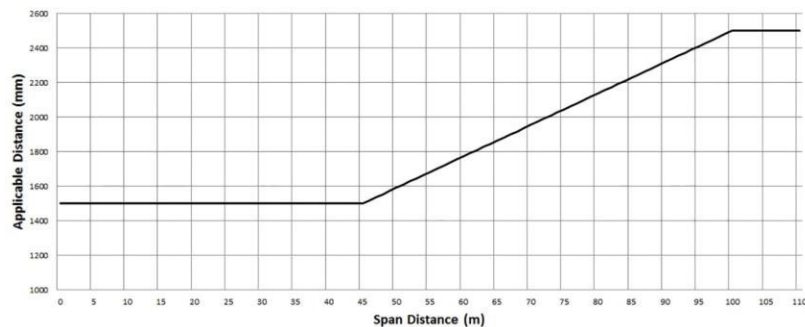
AD = Applicable Distance

Notes to Graph 2

- (1) The applicable distance includes allowances for sag and sway of the conductor for a span up to and including 100 metres in length.
- (2) For a span longer than 100 metres, the applicable distance must be extended by an additional distance to allow for sag and sway of the conductor. This is done by adding that distance to the applicable distance (see clause 25(2)(b)).
- (3) A distribution company, or an owner or operator of a railway supply network or a tramway supply network, must assist a Council, if requested, by determining the additional distance that allows for sag and sway of the conductor (see clause 21(2)).
- (4) The minimum clearance space for an electric line span to which this Graph and clause 25 apply is partially illustrated in Figures 1 and 4.
- (5) The applicable distance for the first and last sixths of an electric line span to which clause 25 applies is 1000 millimetres.

GRAPH 3—UNINSULATED HIGH VOLTAGE ELECTRIC LINE (OTHER THAN A 66 000 VOLT ELECTRIC LINE) IN LOW BUSHFIRE RISK AREA

Clauses 3 and 26



Graph 3 Formula

The formula by which the applicable distance for the middle 2 thirds of an electric line span to which clause 26 applies is calculated as follows:

For $0 < SD \leq 45$, $AD = 1500$ mm

For $45 < SD \leq 100$, $AD = 1500 + ((SD - 45) \times (1000 \div 55))$ For $100 < SD$, $AD = 2500$ mm

Where:

SD = Span Distance

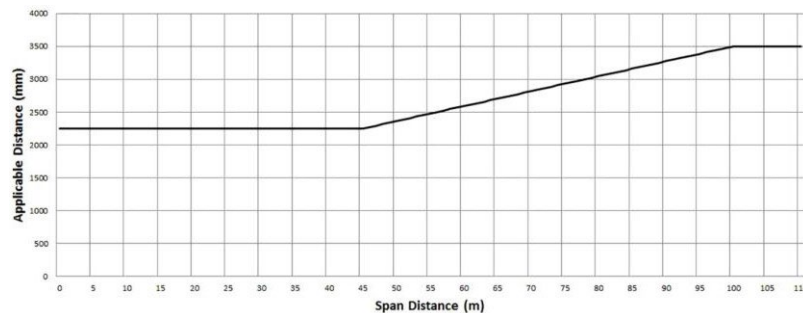
AD = Applicable Distance

Notes to Graph 3

- (1) The applicable distance includes allowances for sag and sway of the conductor for a span up to and including 100 metres in length.
- (2) For a span longer than 100 metres, the applicable distance must be extended by an additional distance to allow for sag and sway of the conductor. This is done by adding that distance to the applicable distance (see clause 26(2)(b)).
- (3) A distribution company, or an owner or operator of a railway supply network or a tramway supply network, must assist a Council, if requested, by determining the additional distance (see clause 21(2)).
- (4) The minimum clearance space for an electric line span to which this Graph and clause 26 apply is partially illustrated in Figures 1 and 3.
- (5) The applicable distance for the first and last sixths of an electric line span to which clause 26 applies is 1500 millimetres.

GRAPH 4—UNINSULATED 66 000 VOLT ELECTRIC LINE IN LOW BUSHFIRE RISK AREA

Clauses 3 and 27

**Graph 4 Formula**

The formula by which the applicable distance for the middle 2 thirds of an electric line span to which clause 27 applies is calculated as follows:

For $0 < SD \leq 45$, $AD = 2250$ mm

For $45 < SD \leq 100$, $AD = 2250 + ((SD - 45) \times (1250 \div 55))$ For $100 < SD$, $AD = 3500$ mm

Where:

SD = Span Distance

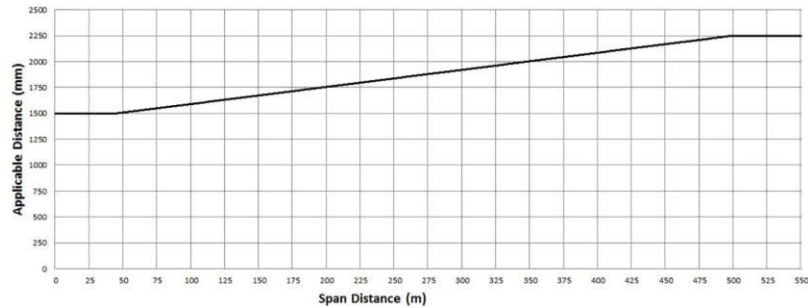
AD = Applicable Distance

Notes to Graph 4

- (1) The applicable distance includes allowances for sag and sway of the conductor for a span up to and including 100 metres in length.
 - (1) For a span longer than 100 metres, the applicable distance must be extended by an additional distance to allow for sag and sway of the conductor. This is done by adding that distance to the applicable distance (see clause 27(2)(a)(ii)).
- (2) A distribution company, or an owner or operator of a railway supply network or a tramway supply network, must assist a Council, if requested, by determining the additional distance (see clause 21(2)).
- (3) The minimum clearance space for an electric line span to which this Graph and clause 27 apply is partially illustrated in Figures 1 and 5.
- (4) The applicable distance for the first and last sixths of an electric line span to which clause 27 applies is 2250 millimetres.

GRAPH 5—UNINSULATED LOW VOLTAGE AND HIGH VOLTAGE ELECTRIC LINE (OTHER THAN A 66 000 VOLT ELECTRIC LINE) IN HAZARDOUS BUSHFIRE RISK AREA

Clauses 3 and 28



Graph 5 Formula

The formula by which the applicable distance for the middle 2 thirds of an electric line span to which clause 28 applies is calculated as follows:

For $0 < SD \leq 45$, $AD = 1500$ mm

For $45 < SD \leq 500$, $AD = 1500 + ((SD - 45) \times (500 \div 303))$ For $500 < SD$, $AD = 2250$ mm

Where:

SD = Span Distance

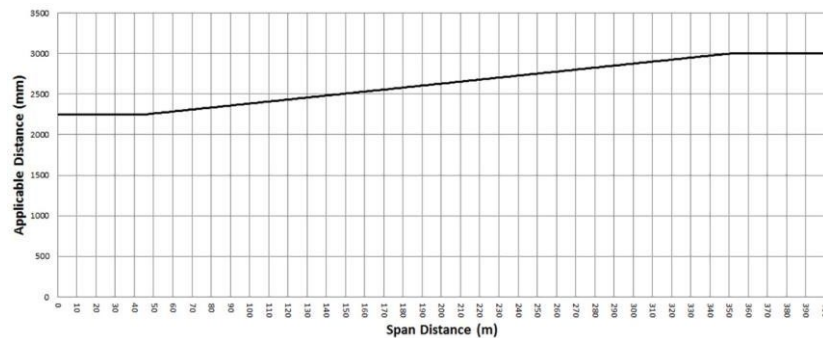
AD = Applicable Distance

Notes to Graph 5

- (1) The applicable distance must be extended by an additional distance to allow for sag and sway of the conductor. This is done by adding that distance to the applicable distance (see clause 28(2)(a)).
- (2) A distribution company, or an owner or operator of a railway supply network or a tramway supply network, must assist a Council, if requested, by determining the additional distance (see clause 21(2)).
- (3) The minimum clearance space for an electric line span to which this Graph and clause 28 apply is partially illustrated in Figures 1 and 5.
- (4) The applicable distance for the first and last sixths of an electric line span to which clause 28 applies is 1500 millimetres.

GRAPH 6—UNINSULATED 66 000 VOLT ELECTRIC LINE IN HAZARDOUS BUSHFIRE RISK AREA

Clauses 3 and 29

**Graph 6 Formula**

The formula by which the applicable distance for the middle 2 thirds of an electric line span to which clause 29 applies is calculated as follows:

For $0 < SD \leq 45$, $AD = 2250$ mm

For $45 < SD \leq 350$, $AD = 2250 + ((SD - 45) \times (750 \div 305))$ For $350 < SD$, $AD = 3000$ mm

Where:

SD = Span Distance

AD = Applicable Distance

Notes to Graph 6

- (1) The applicable distance must be extended by an additional distance to allow for sag and sway of the conductor. This is done by adding that distance to the applicable distance (see clause 29(2)(a)).
- (2) A distribution company, or an owner or operator of a railway supply network or a tramway supply network, must assist a Council, if requested, by determining the additional distance (see clause 21(2)).
- (3) The minimum clearance space for an electric line span to which this Graph and clause 29 apply is partially illustrated in Figures 1 and 5.
- (4) The applicable distance for the first and last sixths of an electric line span to which clause 29 applies is 2250 millimetres.

FIGURE 1—PLAN VIEW OF ELECTRIC LINES IN ALL AREAS

Clauses 24, 25, 26, 27, 28 and 29,

Graphs 1, 2, 3, 4, 5 and 6

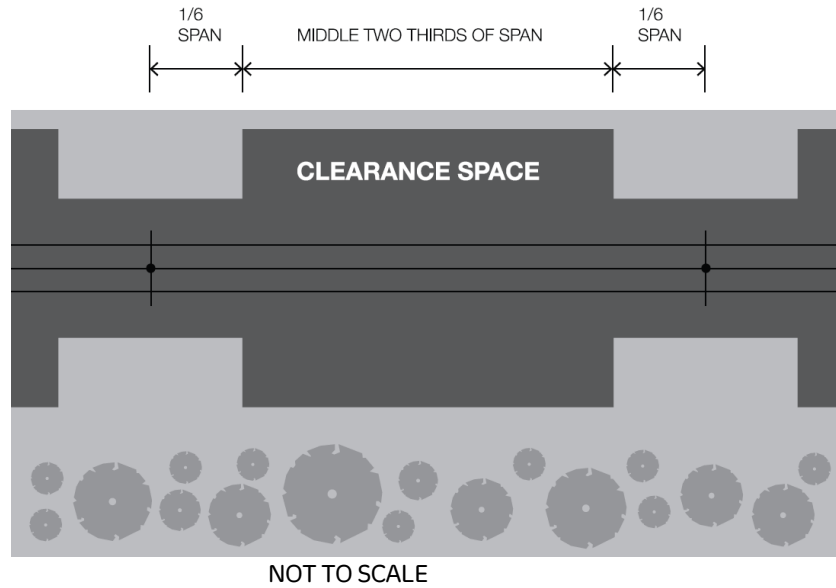


FIGURE 2—INSULATED ELECTRIC LINES IN ALL AREAS

Clause 24, Graph 1

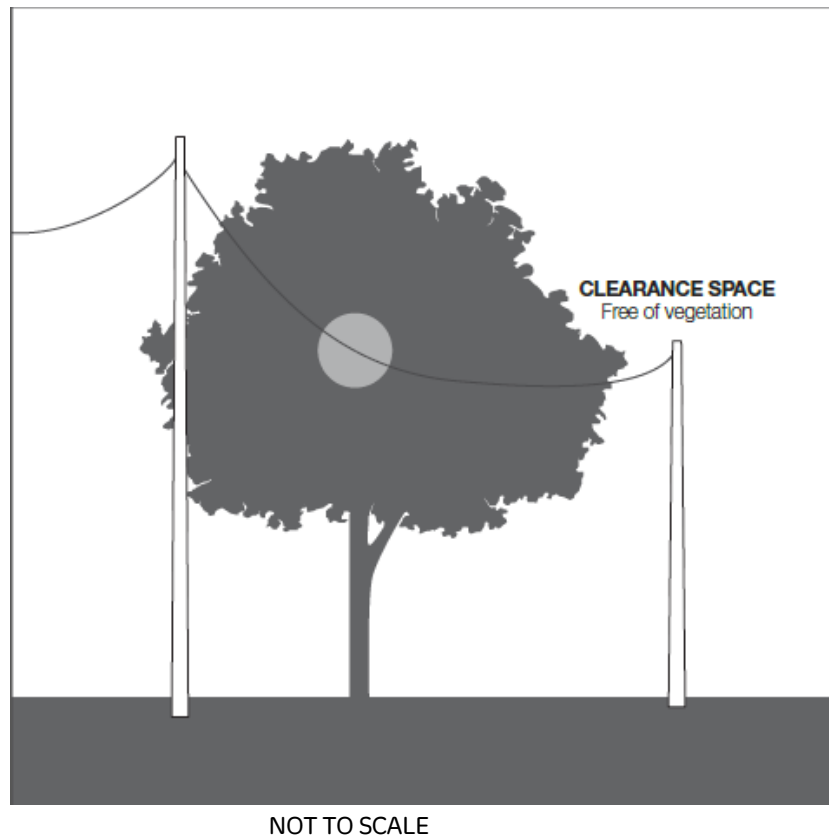


FIGURE 3—INSULATED ELECTRIC LINES IN ALL AREAS AND UNINSULATED HIGH VOLTAGE ELECTRIC LINES (OTHER THAN 66 000 VOLT ELECTRIC LINES) IN LOW BUSHFIRE RISK AREAS

Clauses 24 and 26, Graphs 1 and 3

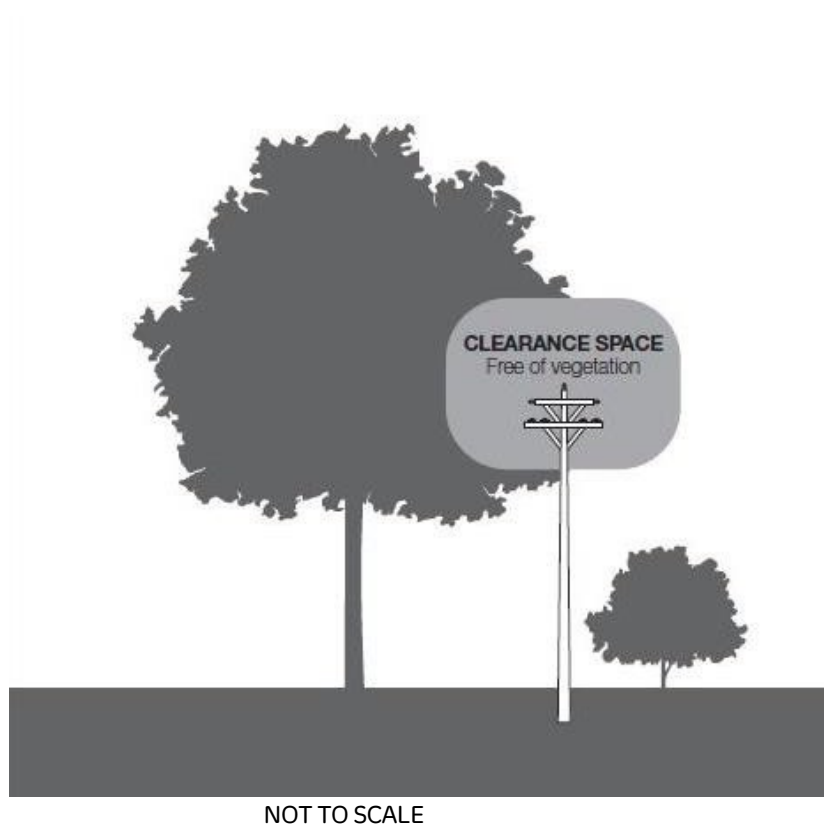


FIGURE 4—UNINSULATED LOW VOLTAGE ELECTRIC LINE IN A LOW BUSHFIRE RISK AREA

Clause 25, Graph 2

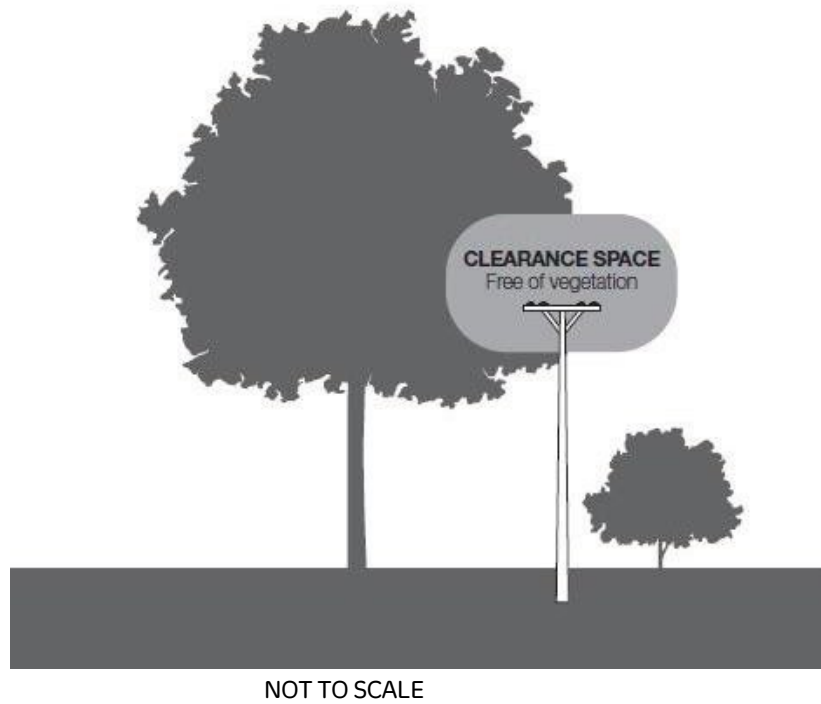


FIGURE 5—UNINSULATED 66 000 VOLT ELECTRIC LINE IN A LOW BUSHFIRE RISK AREA AND UNINSULATED ELECTRIC LINE IN A HAZARDOUS BUSHFIRE RISK AREA

Clauses 27, 28 and 29, Graphs 4, 5 and 6

