Work Category Specification WCS72.2

Third Party Aerial Communications Cable Installations

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1 SCOPE

This Work Category Specification 72.2 (WCS 72.2) is a document outlining the Service requirements for the installation and maintenance of third party owned Aerial Cable Installations on or near Ergon Energy or Energex Poles and Low Voltage Service Lines.

1.1 General

This Work Category Specification must be read in conjunction with the principal Work Category Specification 72 (*WCS72*).

1.2 Application

The application of *Services* includes, but is not limited to, the following functions:

- Third party *Aerial Cable Installations* on or near Ergon Energy or Energex *Poles* and low voltage service lines.

2 AMENDMENT RECORD

Versions 1-3 were previously available through an Energex legacy repository, which ECM has replaced. This updated version will be released as version 1.

Version	Date	Author
1	19 April 2022	Shea Barnes
Amendment Overview		
Updated to reflect dual branding across both networks, formatting network terminology.		

3 AIMS/OBJECTIVES

The aims / objectives of this *WCS*72.2 is to ensure:

(i) *Services* are provided in a safe manner on or near *Poles*.

(ii) Reliability of electricity supply and security and integrity of the *Ergon Energy or Energex* electricity network, including *Poles*, are maintained; and

(iii) *Aerial Cable Installations* on *Poles* cause minimum interference with *Ergon Energy or Energex* operations or works programs.

4 COMPETENCIES, TRAINING AND QUALIFICATIONS

Competencies, training, and qualifications requirements for undertaking *Services* for this *WCS72.2* must be in accordance with Work Category Specification *WCS72*, section 4.

5 VEHICLES AND PLANT

Vehicle and plant requirements for undertaking *Services* for this *WCS72.2* must be in accordance with Work Category Specification *WCS72*, section 5.

6 MATERIALS, TOOLS AND EQUIPMENT

Materials, tools, and equipment requirements for undertaking *Services* for this *WCS72.2* must be in accordance with Work Category Specification *WCS72*, section 6.

7 SAFETY

Safety requirements and identified hazards for undertaking *Services* for this *WCS72.2* must be in accordance with Work Category Specification *WCS72*, section 7.

8 ENVIRONMENT

Environmental requirements and potential environmental risks for undertaking *Services* for this *WCS72.2* must be in accordance with Work Category Specification *WCS72*, section 8.

9 EXTENT OF WORK

9.1 General

Services must be provided in accordance with (but not limited to):

(i) Work Category Specification 72 - External Party Communications Cable Installations on And Within Electricity Network Assets

(ii) Work Category Specification 72.2 - External Party Aerial Communications Cables on Electricity Network Assets.

(iii) Energex Overhead Construction Manual.

(iv) Ergon Energy Overhead Construction Manual

(v) 10882 Energex Fibre Broadband Networks Standards.

(vi) Ergon Energy Overhead Construction Manual (Fibre Optic Cable Construction section)

(vii) Energex Overhead Construction Manual, section 1, Communication Constructions, and section 9, Overhead Construction for *Fibre Optic Cable* overhead to underground transitions on *Poles*

Aerial Cable Installations shall only be installed on *Poles* as a last resort and then only with *Ergon Energy* or *Energex* written approval and at *Ergon Energy* or *Energex*'s sole discretion. This *Ergon Energy* or *Energex* approval MUST be obtained prior to any design or construction being undertaken. *Ergon Energy* or *Energex* written approval will only be issued in situations where *Underground Cable Installations* are not reasonably achievable, such as from a community cost perspective.

Aerial Cable Installations are not permitted on any *Ergon Energy or Energex* public lighting columns or *HV* transmission towers.

9.2 Structural Assessment of Pole

(a) Prior to accessing and / or working on any *Pole* to carry out a permitted work activity, or where proposed works or attachment of *Aerial Cable Installation* components could affect the structural loading or integrity of a *Pole*:

(i) the Client or the *Service Provider* is to undertake, and have certified by an RPEQ, the required engineering calculations and assessments to ensure the structural integrity of the *Pole* is maintained with the increased or otherwise altered structural loadings on the *Pole*; and

(ii) the *Operator* is to ensure that the structural integrity of the *Pole* is satisfactory for the intended works by visual inspection, testing and evaluation of the *Pole*, as part of the *Service Providers* safe system of work.

(b) The *Service Provider* is to confirm to *Ergon Energy or Energex* that the *Pole* can safely accommodate the maximum additional loading caused by the *Aerial Cable Installation*, by:

(i) Condition inspection; and

(ii) *RPEQ* certified structural assessment / analysis of the *Pole*, in accordance with *Ergon Energy or Energex* requirements.

(c) The *Service Provider* is to arrange for a full onsite *Pole* condition assessment prior to initial attachment or subsequent addition, replacement or recovery of an *Aerial Cable Installation* on any *Pole* which alters the *Pole's* structural tip load. Appropriately trained competent persons are to perform these condition assessments in accordance with *Ergon Energy or Energex* requirements.

(d) Mechanical load testing of any *Pole* is not permitted for undertaking any structural assessment to determine the *Pole's* structural capacity to accommodate an *Aerial Cable Installation*.

(e) Only existing or replaced *Poles* may be used for attachment of *Aerial Cable Installations* which are:

(i) assessed as structurally sound, considering the maximum applied structural loading allowed on the *Pole* due to the combined loads of the *Aerial Cable Installation* and all existing infrastructures; as determined in consultation with *Ergon Energy or Energex*, is not to be exceeded.
(ii) found to be free of damage and defects; and
(iii) approved for shared use in writing by *Ergon Energy or Energex*, under a formal contractual agreement asset use license.

(f) Report to *Ergon Energy or Energex* on the same *Business Day* or at commencement of next *Business Day* (where an after-hour *Pole* inspection has been undertaken) any *Pole*:

(i) in a suspect or unserviceable condition, due to any cause; for example:

- rot.
- termite infestation.
- excessive leaning; or
- vehicle impact damage.
- The *Service Provider* must confirm that the *Pole* and its foundation can support the additional structural tip loadings of all proposed *Aerial Cable Installations* on the *Pole*, including during any *Aerial Cable Installation* access, attachment, maintenance, and recovery related works, and under all *Aerial Cable Installation* wind loading conditions.

9.3 Aerial Cable Installations - General

The *Client* / *Service Provider* is to provide *Ergon Energy or Energex* with *RPEQ* certified test certificates confirming the components are structurally sound, safe, and suitable for all proposed *Aerial Cable Installation* components and systems to be installed on *Poles,* including:

(a) all proposed cables and strand wires.

(b) all *Aerial Cable Installation* hardware / attachments, including and not limited to metallic termination, shackles, chains, bolts, fittings, and any vibration dampening systems.

(c) suitable for aerial stringing and able to accommodate all *Pole*-to-Pole span lengths encountered along the proposed *Aerial Cable Installation* routes.

(d) of circular cross – section.

(e) of a neutral grey or black colour; and

(f) fit for purpose and in accordance with the manufacturer's installation specifications.

9.4 Aerial Cable Installations - ADSS Fibre Optic Cable

Unless otherwise agreed in writing by *Ergon Energy or Energex*, all *Fibre Optic Cable* shall be:

a) Fully non – conductive, dielectric, self-supporting (*ADSS*) type, *Fibre Optic Cables* with no integral or separate metallic components, such as included steel catenary or strand wires (unless specifically agreed by Ergon Energy or Energex in writing on a case-by-case basis).

suitable for aerial stringing and able to accommodate all *Pole*-to-Pole span lengths encountered along the proposed *Aerial Cable Installation* routes.

of circular cross – section.

of a neutral grey or black colour; and

fit for purpose and in accordance with the manufacturer's installation specifications.

Note: This type of cable is the preferred Aerial Cable Installation type for all future installations on *Poles*.

9.5 Aerial Cable Installations - HFC Cable

Unless otherwise agreed in writing by *Ergon Energy or Energex*, all *HFC Cable* shall be sheathed coaxial cable and Fibre Optic Cables, supported by earthed steel strand wire catenary cable and all bundled together by lashing wire.

9.6 Aerial Cable Installations - PSTN Cable

Unless otherwise agreed in writing by *Ergon Energy or Energex*, all *PSTN Cable* shall be sheathed cable, which may be supported by an integral catenary wire.

9.7 Ground Road and Intercircuit Clearances

The Service Provider is to:

(a) Ensure all parts of *Aerial Cable Installation* attached to *Poles* and strung between *Poles* are in accordance with *Ergon Energy or Energex* and relevant *Authority* statutory clearance requirements.

(b) Ensure the *Aerial Cable Installation* mounting height and dimensions; comply with requirements of *Authorities* with statutory responsibility for the associated roadway's management. The requirement of the relevant road controlling *Authority*, takes precedent with respect to clearances, where clearances specified by *Ergon Energy or Energex* are less than those required by the road controlling *Authority*.

(c) Immediately report any conflicting clearance requirements to the nominated *Ergon Energy or Energex Officer* for consideration / resolution.

(d) *Ergon Energy or Energex* clearance requirements will be those as have been agreed within the relevant contractual agreements with *External Parties*.

(e) Unless otherwise agreed in writing by *Ergon Energy* or *Energex*, ground and roadway clearances are to be in accordance with the requirements of the Overhead Design Manual - Section 5 – Clearances.

(f) Unless otherwise agreed in writing by *Ergon Energy* or *Energex*, intercircuit clearances are to be in accordance with the requirements of the Overhead Design Manual - Section 5 – Clearances.

Note: Should the road controlling *Authority* authorise a lower *Aerial Cable Installation* clearance height, the clearance height required by *Ergon Energy or Energex* applies. *Ergon Energy or Energex* reserves the right to accept or reject any alternative clearance height on an individual *Pole*.

9.8 Aerial Cable Installations - Design

(a) For each proposed or altered / augmented *Aerial Cable Installation*, the *Service Provider* is to provide an *RPEQ* - certified design in accordance with the *Ergon Energy or Energex* Works Plan Standard, for *Ergon Energy or Energex* acceptance / consideration.

(b) Prior to any *Make Ready Works* and any *Aerial Cable Installation* works, all *Aerial Cable Installations* will be required to have their associated design works plans submitted to *Ergon Energy or Energex* for *Ergon Energy or Energex* written acceptance. This is the requirement regardless of whether the *Service Provider* is responsible for the design work component or otherwise.

(c) A works plan design will be required for all *Make Ready Works* including *Pole* replacements, conductor re-tensioning. crossarm raising / replacements and stay installations.

(d) A separate works plan design will be required that includes a plan view of the proposed *Aerial Cable Installation* route including *Poles* utilised, span lengths, ground / roadway clearances, intercircuit clearances and associated profiles, and *Pole* structural loading tables.

(e) All *Aerial Cable Installations* must be designed, and *Operators* appropriately trained and competent, so the *Aerial Cable Installations* can be installed and maintained with Ergon Energy or Energex's network remaining energised and without Ergon Energy or Energex network switching and isolation (de-energised), where possible.

(f) The *Service Provider* must not disturb, remove, relocate, or otherwise interfere with any *External Party*'s existing *Pole*-mounted assets, including any telecommunications infrastructure, in order to accommodate any *Aerial Cable Installation* component, without notification being sent to and written approval being received from *Ergon Energy or Energex* and the effected *External Parties*.

(g) Acceptance / consideration by *Ergon Energy or Energex* does not indicate or grant:

  (i) an engineering approval or certification; or
  (ii) acceptance of liability for any activities or operation of or incidents associated with or related to any *Aerial Cable Installation* under any circumstances.

(h) *Ergon Energy or Energex* may, at its discretion and for an agreed fee, upon a request from a *Client* or *Service Provider*, be able to provide *RPEQ* consultancy services related to *Aerial Cable Installation* design and certification, where the *Aerial Cable Installation* is to be co-located on *Poles*.

9.9 Electricity Network Access Notification

Unless otherwise agreed in writing by *Ergon Energy* or *Energex*, a detailed program of works and route plans must be submitted to *Ergon Energy* or *Energex* at least one month (20 Business Days minimum) prior to the proposed Aerial Cable Installation project's planned commencement date for *Ergon Energy* or *Energex* consideration; indicating:

(a) proposed Aerial Cable Installation routes.

(b) all Pole identification numbers.

(c) types of Aerial Cable Installations proposed at each site; and

(d) the proposed dates for their installation.

(e) In addition, daily, the relevant *Ergon Energy or Energex* Network Operations Centre must be contacted and must be provided by the *Service Provider* with written identification (such as by email or facsimile) of the address(s) of and estimated working times at each day's

proposed work locations, immediately prior to *Pole* or *Aerial Cable Installation* network access by *Operator*(s).

(f) The *Service Provider* must scope the *Worksites* prior to any *Aerial Cable Installation*, construction replacement or recovery to determine the presence of *HV* and *LV* (including street lighting) electrical apparatus. If *HV* and / or *LV* (including street lighting) electrical apparatus is present the *Service Provider* must assess if the work can be conducted safely including no breaches of *Exclusion Zones*. If the work cannot be conducted safely or without breaches of *Exclusion Zones*, the *Service Provider* must contact *Ergon Energy or Energex* to determine if the *Aerial Cable Installation*, construction replacement or recovery can be performed with the *HV* and *LV* (including street lighting) electrical apparatus remaining energised, or whether the electrical apparatus need to be isolated (de-energised) for the work to be performed.

(g) Where *HV* electrical apparatus remains energised the circuit (feeder) auto reclose facility is to be placed on NON-AUTO by *Ergon Energy or Energex*; for the duration of the works in accordance with the requirements of *WCS31* – Network Access.

(h) Where *HV* electrical apparatus requires isolation, isolation of the *HV* electrical apparatus must be carried out by *Ergon Energy or Energex*. Any isolation of the *LV* network (including street lighting) must be carried out in accordance with *WCS31* – Network Access.

9.10 Access to Poles

a) There must be no access to, or Aerial Cable Installations installed on, any existing Pole marked suspect or scheduled for replacement (condemned).

b) Prior to the need to access the Pole to carry out a work activity, or the attachment or recovery of Aerial Cable Installations to/from a Pole (including work from an EWP), or other work which involves altering Pole tip loads, appropriate inspection and testing of Pole(s) must be undertaken by appropriately competent persons consistent with WCS5.1 – Poles Inspect and Treat.

9.11 Aerial Cable Installations - Make Ready Work

a) Aerial Cable Installations shall be designed to minimise the need for Make Ready Work on Poles.

b) Some specific Pole types and Pole attachment configurations may require modifications to facilitate Aerial Cable Installation attachment, positioning and required clearances, safe Aerial Cable Installation construction / maintenance access, and / or continued safe access to and operation of Ergon Energy or Energex and other External Party installations on the Pole.

c) Ergon Energy or Energex may agree, at its sole discretion, on a case-by-case basis, and at the External Parties and / or Service Providers expense to certain Make Ready Works on a Pole, including:

i. the removal, re-tensioning, or relocation of existing street-lighting and other overhead circuit conductors and / or overhead electrical services.
ii. conversion of streetlights to photo electric cell operation; and
iii. Crossarm raising.

d) The Service Provider must not disturb, remove, relocate or otherwise interfere with any third party's' existing Pole-mounted assets, including any BBI and telephony network infrastructure, to accommodate any Aerial Communications Cable Installation component, without notification being sent to third parties, and the written approval and participation (as required) of all relevant asset owning third party(s).

e) Only *Ergon Energy or Energex* or *WCS*25 rated *Service Providers* for these categories of work and associated activities shall be engaged to carry out these *Make Ready Work*s on a *Pole*.

9.12 Aerial Cable Installations – Site Works General

(a) The *Service Provider* is to provide a works program to the *Client*, *Ergon Energy or Energex*, landowner, all relevant *Authorities* including the road reserve manager, and effected local community parties, that schedules each stage of planned work including:
   (i) establishment of *Worksite* facilities.
   (ii) *Pole* inspection and assessment to accommodate the *Aerial Cable Installation* components.
   (iii) *Aerial Cable Installation* related works and commissioning.
   (iv) subsequent *Aerial Cable Installation* construction, maintenance, routine inspection, and recovery programs; and
   (v) *Worksite* demobilisation.

(b) The *Operator* is to ensure that the structural integrity of the *Pole* is satisfactory for the intended works by visual inspection, testing and evaluation of the *Pole*, as part of the *Service Providers* safe system of work.

(c) The *Service Provider* is to:

   (i) manage, coordinate and is responsible for *Client* relationships and for obtaining necessary *Authority* approvals (in conjunction with the *Client*) for the presence of *Aerial Cable Installations* on *Poles*.
   (ii) liaise with other *Service Providers* and *Clients*, requiring use of same *Pole*(s).
   (iii) be responsible for supply, installation, and maintenance of *Aerial Cable Installation* components.
   (iv) initiate and manage appropriate *Worksite* and service checks to ensure accommodation of the *Aerial Cable Installation*; and
   (v) in conjunction with *Client*, manage community and *Authority* consultations and code of practice negotiations in relation to *Aerial Cable Installation*.

(d) Existing attachments of any party (including those of *Ergon Energy or Energex*, telecommunications carriers, Government agencies and *Authorities*) are not to be removed, relocated, replaced, obstructed, or interfered with to install an *Aerial Cable Installation* on any *Pole*.

(e) The *Client* / *Service Provider* is responsible at its cost to notify and obtain required approvals from *Ergon Energy or Energex* and all relevant parties and *Authorities* in relation to relocating existing infrastructure (e.g., *Authority* signage) located within or on external surface of the *Pole* prior to such works occurring.

(f) The *Client* / *Service Provider* is to arrange to have these assets carefully removed and reinstated (without damage and only where absolutely required) to enable the installation of *Aerial Cable Installation* components.

(g) Where the *Aerial Cable Installation* is agreed by *Ergon Energy or Energex* to be mounted on the *Pole*, it will be generally mounted on the roadside of the *Pole*.

(h) Legislated exclusion zones (approach distance limits) to energised conductors and other apparatus (plant and equipment) are to be complied with and not encroached upon.

(i) Where required by *Ergon Energy or Energex*, the *Service Provider* is to engage an *Ergon Energy or Energex* approved person(s) to perform safety observe role and / or oversee the works. All costs associated with these additional *Ergon Energy or Energex* requirements will be at the *Service Provider's* sole cost.

9.13 Aerial Cable Installations – Construction Arrangements

(a) Unless otherwise agreed by *Ergon Energy or Energex* in writing on a *Pole*-by-Pole basis and at *Ergon Energy or Energex's* sole discretion, *Aerial Cable Installations* must be installed directly onto the *Pole*, on the roadside face of each *Pole*, and only when spare *Pole* surface area and clearances to other infrastructure permits.

(b) *Aerial Cable Installations* must not be installed on any crossarms, or from crossarm braces, *Pole* steps, electrical conductors, or any other infrastructure.

(c) For *ADSS Fibre Optic Cable*, the general construction arrangement for *Aerial Cable Installations* on *Poles* must be consistent with the *Energex* Fibre Broadband Networks Standards (Non Conductive Fibre *Cables* Only; for Local Fibres Only – Excludes Distribution *Cables*), the Ergon Energy Overhead Construction Manual (Fibre Optic Cable Construction section) and Energex Overhead Construction Manual, section 1, Communication Constructions, and section 9, Overhead Construction for *Fibre Optic Cable* overhead to underground transitions on *Poles*, as a minimum including:

(i) Intermediate *ADSS* attachments must be made using dielectric blocks attached directly to the *Pole*.
(ii) Stainless steel bands (bandit straps) must be used to fix *ADSS* fittings to concrete *Poles* only. Bands must be of a specification recommended by the *ADSS* fitting manufacturer, as appropriate for the installed fitting. The minimum width for stainless steel bands is 12 mm.
(iii) *ADSS* shackle constructions must be terminated via helical terminations, secured by an appropriate hook bolt and hook nut; and
(iv) *ADSS* termination constructions must be terminated via helical terminations, secured by an appropriate hook bolt.

(d) There must be no in span *Aerial Cable Installation* joints or splices.

9.14 Aerial Cable Installations – Placement and Clearances

(a) All *Aerial Cable Installation* components, including the cable and fittings, must be installed and maintained both on the *Pole* and in span in a accordance with the *Energex* Fibre Broadband Networks Standards (Non Conductive Fibre Cables Only; for Local Fibres Only – Excludes Distribution Cables), Ergon Energy Overhead Construction Manual (Fibre Optic Cable Construction section) and Energex Overhead Design Manual, section 4 - "Clearances", *Substation* 9 - "Communications – Broadband Pilot and NBN Cables".

(b) The *Service Provider* must comply with all *Authority* specific ground and structure clearance requirements to the *Aerial Cable Installations*, provided that the minimum *Ergon Energy or Energex* – required clearances are achieved or exceeded and maintained.

(c) Where written agreement is reached with an existing communications cable network owner to attach an *Aerial Cable Installation* directly (such as by lashing wire) onto the existing communications *Cable*, *Ergon Energy or Energex* written approval must be obtained prior to any such installations proceeding (*Clients* and *Service Providers* must note that such arrangements will generally not be permitted by *Ergon Energy or Energex*).

9.15 Aerial Cable Installations – Stringing

(a) The *Service Provider* must determine the most appropriate and safest *Aerial Cable Installation* construction technique, cable drum locations, and cable splice locations relevant to the *Aerial Cable Installation* design works plan.

(b) Cables must be selected, strung, sagged, and tensioned and otherwise installed in accordance with the cable manufacturer's recommendations, whilst ensuring that:

(i) allowable resultant structural design tip loads on *Poles* are not exceeded.

(ii) all required *Ergon Energy or Energex* and *Authority* clearances are achieved and maintained.
(iii) the profiles of the adjacent *Ergon Energy or Energex* conductors are matched for ambient temperatures up to 30 degrees centigrade.
(iv) for ambient temperatures greater than 30 degrees centigrade, the sag of the *Aerial Cable Installation* should be 80% of the adjacent *Ergon Energy or Energex* conductor sag.
(v) *Ergon Energy or Energex* and other External Parties aerial cable stringing profiles are to match wherever possible.
(vi) The final installed Aerial Cable tension shall not exceed the recommendation of the manufacturer as a percentage of the Aerial Cable ultimate tensile strength (UTS).

9.16 Aerial Cable Installations – Mechanical Cable Protection on Pole

(a) *Aerial Cable Installation* downleads must not be installed on any *Poles* which support *Ergon Energy or Energex* distribution plant, including but not limited to transformers, reclosers, sectionalisers, and air-break switches.

(b) On / down a *Pole*, *Aerial Cable Installation* cabling is to be mechanically protected by an *Ergon Energy or Energex* accepted non- electrically conductive, non-metallic UV and impact resistant (for example polymeric) cable protection cover (not pipes or *Conduit*s), continuously attached up the *Pole* and fixed to the *Pole* on both sides of the guard at regular centres in accordance with the Ergon Energy or Energex Overhead Construction Standards.

(c) Alternatively, a white, medium duty, PVC *Conduit* (communications) of not greater than 50 mm external diameter must be installed at the *Pole* base to any adjacent *Pit* or allocated footpath alignment *Cable* route,

(d) More than two cable protection cover installations on a *Pole* will not be permitted.

(e) The cable protection cover is to provide appropriate mechanical protection to such cables and is to be capable of preventing mechanical damage from climbing devices, including ladders and pole platform chain impact and related compression.

(f) At ground level if extra mechanical protection is required, non-metallic UV and impact resistant (for example polymeric) cable guards are required to be installed instead of electrically conductive metallic cable guards, unless specifically otherwise agreed by *Ergon Energy or Energex* on a case-by-case basis.

(g) A maximum of two *Aerial Cable Installation* cable guards (for example, one for each of the on pole mechanical cable protection covers) are permitted to be installed on the *Pole*.

(h) Where a ground level *Aerial Cable Installation* metallic cable guard is permitted, it is to be:

(i) hot dipped galvanised
(ii) fabricated with suitable hole at the top of the guard to allow for immediate or future attachment of bolted earth bonding lugs.

(i) The *Aerial Cable Installation* metallic cable guard may be equi-potential bonded to metalwork of an *External Party* (excluding that of *Ergon Energy or Energex*) at the *Pole* base:

(i) where such metalwork is accessible to general public, or
(ii) where any part of the metallic cable guard is at or within 2.4 metres of ground surface level.
(iii) Using an earth bond that it is not removable by the general public.

(j) The Aerial Cable Installation metallic cable guard is not installed on any Pole that has an *Ergon Energy or Energex* metallic cable guard installed.

(k) Metallic cable guards are not to be installed above 2.5 metres from ground surface level.

(l) The metallic cable guard is to be fixed to the *Pole* on both sides of the guard at regular centres by in accordance with the *Ergon Energy* or Energex Overhead Construction Standards.

9.17 Vegetation Management

(a) The *Service Provider* will be responsible for vegetation management relating to their Aerial Cable Installations.

(b) All tree trimming must be performed in accordance with all *Ergon Energy or Energex* specifications and policies.

(c) Contractors engaging in tree trimming relating to Aerial Cable Installations must comply with Operational Standard OS119 – Vegetation Worker Clearances and the

(d) *Ergon Energy or Energex* will not be responsible for vegetation management relating to *Aerial Cable Installations*.

10 RECORDS MANAGEMENT

Records management requirements for undertaking *Services* for this WCS must be in accordance with Work Category Specification 72, section 10.

11 WORK VERIFICATION

For work verification, refer to the principle Work Category Specification 72, section 11.

12 DEFINITIONS

For definitions of words, acronyms and abbreviations used throughout this WCS 72.2, refer to the principle Work Category Specification 72, section 12.

13 AVAILABLE DOCUMENTS

The following documents / forms must be available at all times to Infield *Operators* for verifying *Service* requirements:

- *Service Providers* own safe system of work
- All relevant associated Work Practices for tasks to be undertaken
- All necessary certificates, licences, consents, permits, approvals and requirements for the *Services* being performed
- Ergon Energy or Energex As Constructed Drawing Standard
- Equipment manufacturers operation and maintenance manual,
- MSDS and label for all chemicals used at Worksite such as hydraulic oil or soap
- Risk Assessment / Incident / Customer Complaint Recording Forms

14 RECOMMENDED DOCUMENTS

For recommended documents, refer to the principle Work Category Specification 72, section 13.2.

15 APPENDICES

There are no appendices for this Work Category Specification.

Third Party Aerial Communications Cable Installations

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