

powercor
network services



There are 3 Standard work practices for the use and care of E&SC's

- SWP 11.08 Inspection & Care of E&SC's
- SWP 11.04 High Current E&SC's
- SWP 11.05 TMAC E&SC Keeper replacement

NEVER COMPROMISE
health & safety

Where 9ka ESC's can be used (SECV Type)

- As onsite / Workparty earths
- SWER Conductors
- .064 Copper conductors
- Where HV EDO fuses are installed

Note: Cluster Brackets are to be used at all times

Inspection of 9KA ESC's

- Broken Copper strands
- Yellow disc attached (black earths)
- All clamps are lugged on (no split bolts)
- Condition of clamp spindle (thread)

Please refer to SWP 11.08

NEVER COMPROMISE
health & safety

Where 16ka High Current ESC's are required (first Operational ESC)

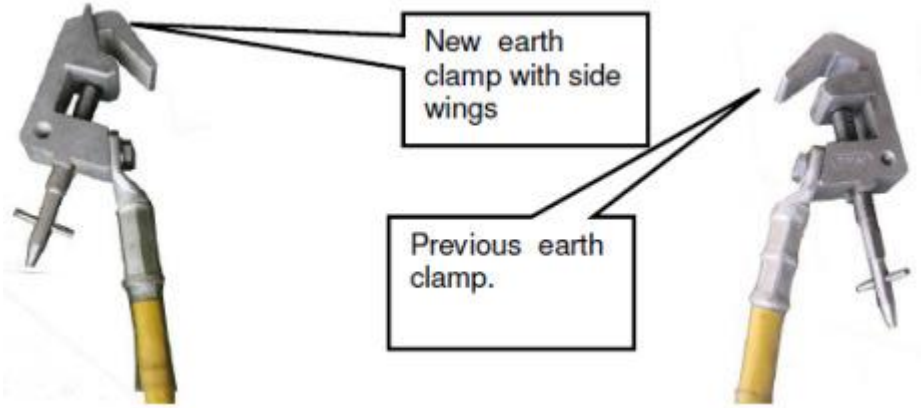
- Any Transformer, Spur or Backbone that has Boric Acid, Powder filled or Fault Tamer fuses are installed
- On the CitiPower Network at all times

Note: Cluster brackets are to be used at all times

Inspection of 16ka E&SC's

- Broken aluminium strands
- Missing heat shrink over lugs
- Palm lug condition
- Clamp nuts & Bolts are tight
- Correct Clamp Type

Please refer to SWP 11.08



NEVER COMPROMISE health & safety

E&SC TALK

"SNAP ON" Earths

- CP/PCA contractors are required to use portable earths that are suitably rated and have documented works practices for those earths. The "Catu" Snap on earths have been approved for use on the CitiPower/Powercor network (conductors only).

ESC's CitiPower/Powercor

- Currently there are only 2 approved ESC's for use by CitiPower/Powercor personnel (previous 2 slides)

- There currently is a copper high current earth & short circuit from the "Dehn" company on trial within Powercor

NEVER COMPROMISE
health & safety

Please inspect vehicles for the condition of all ESC's and Cluster Brackets

Vehicle Rego:_____

- Record number of High current ESC's
- Record number of 9ka ESC's
- Record number of pole type cluster brackets
- Record number of mid span cluster brackets
- Tag out any faulty equipment

Please forward records to Safety & Work Practices (Scott Parkinson, Bendigo)

NEVER COMPROMISE
health & safety