54384

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Certificate III
ESI Cable Jointing

Week Number | Year

Profiling Registration No. | Apprentice Surname | Apprentice Signature

This week I :		CORE: Implement environ/sustain energy	CORE: Locate faults in power cables	CORE: Install/maint elec equip	CORE: Conduct LV switching	CORE: Install/maint UG polymeric cables	OPTIONAL: Install/maint UG paper/lead cables	OPTIONAL: Inspect OH structures/elec app	OPTIONAL: Inspect/maint pole g/line	OPTIONAL: Control vegetation	OPTIONAL: Install/maint public lighting	OPTIONAL: Conduct HV switching	OPTIONAL: Install/replace energy meters	OPTIONAL: Provide stores support	OPTIONAL: Haul UG cables (CAN)	OPTIONAL: Elective	OPTIONAL: Elective	OTHER: Supporting activities	OTHER: Off-job training (eg college)	OTHER: sick	OTHER: Leave/RDO etc.
worked in the these areas		○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Choose multiple combinations of hours	**for approximately** up to 1 hr	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	2 hours	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	4 hours	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	8 hours	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	16 hours	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
	32 hours	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○
Choose one or more	**and I** planned (ie interpreted diag etc.)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
	prepared the worksite	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
	carried out (ie conducted work)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
	completed (ie compliance etc.)	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
Choose one or more	**whilst under** direct/constant supervision	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
	general/intermittent supervision	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				
	broad supervision	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○				

Total of all hours

Equipment type

- fuses ○
- fuse switches/|EDO ○
- isolators/links ○
- surge arrestors ○

Apparatus type

- reclosers/regulators/relays ○
- sectionalisers/disconnectors ○
- gas filled switches ○
- transformers ○
- reactors ○
- capacitors ○
- line fault indicator ○
- street light controls ○

Access/ device type

- approvals/clearances/access permits ○
- LV bridges ○
- LV links ○
- LV fuse links ○

Analysis

- environmental risk assess ○
- legislative requirements ○
- sustainable energy practices ○

Type

- time domain reflectometry ○
- differential TDR radar ○
- current impulse ○
- murry loop ○
- varley loop ○
- radio detection ○
- capacitance/induction ○

Cable type

- LV polymeric ○
- HV polymeric ○
- fibre optic ○
- LV paper/lead ○
- HV paper/lead ○

Cable Laying equipment

- stockings/ropes/rollers ○
- winches/spindals/capston ○
- cable trailers/drum stands/drumjacks ○

Joint type

- tee-joints ○
- straight through joints ○

Joint material type

- compound/resin filled boxes ○
- heatshrink/coldshrink ○
- compression/solderlugs ferrules ○
- slip-on moulded components ○

Tool/tester type

- voltage detectors ○
- polarity testers ○
- phase rotation/sequence indicators ○
- voltage indicators/clip-on ammeters ○
- insulation resistance testers ○

Equipment

- transformers/RMI's ○
- LV switchboards/lighting columns ○
- busbar/termination/disconnection boxes ○
- pilars turrets ○
- links/fusess ○
- control gear ○

Tradesperson's signature verifies that the work indicated above is correct and was performed to an acceptable standard within an acceptable timeframe given the experience of the apprentice

Tradesperson's Signature

Tradesperson's Surname

*NB. The Tradesperson's signature on the bottom of the card is **mandatory** - your signature means that you are simply checking that the work listed has been done. You are **not** assessing competency. There is no greater responsiblity/obligation placed on the Tradesperson signing this card than there is currently under the Apprenticeship Act*

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