



Workplace Assessment

Install & Maintain HV Paper Insulated Cables

Candidate: _____

Employer: _____

Date: _____

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Workplace Assessment Details

Candidate Name:	Employer:	
Assessor Name:	Date:	Time:
Work Location:		

Methods of assessment key:

-
- | | |
|----------------------------|----------------------------|
| WO = Workplace Observation | P = Portfolio |
| Q = Questioning | TPF = Third Party Feedback |
| SA = Structured Activities | RP = Review of Products |
-

The candidate will be assessed by one or more of the following methods:

- 🎥 workplace observation, whereby the assessor watches the candidate carry out a task as part of his or her normal work duties
- 🎥 questioning, whereby the assessor asks the candidate questions to determine his or her understanding of underpinning knowledge, in relation to relevant workplace activities
- 🎥 structured activities, whereby the assessor observes the candidate participate in a simulation, scenario or role play
- 🎥 portfolio, whereby the assessor collects evidence from the workplace, such as workplace documents, that demonstrate that the candidate has participated in relevant workplace activities
- 🎥 third party feedback, whereby the assessor conducts one or more interviews with the candidate’s supervisor(s) and / or peers to gain information relating to the candidate’s performance in the workplace
- 🎥 review of products, whereby the assessor reviews samples of work, completed by the candidate, in the workplace

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Performance Elements

Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
1	Candidate analyses and confirms work schedule / plans / drawings and procedures related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	Candidate receives and confirms OHS procedures, and participates in Job Safety Analysis (JSA)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
3	Candidate identifies and obtains required work permits		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
4	Candidate identifies risks to the environment related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Candidate identifies and confirms arrangements for traffic management		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Carrying out work tasks				
6	Candidate verifies / confirms that systems and circuits to be worked on are isolated and proved safe		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
7	<p>Candidate joints HV paper insulated cable using one or more of the following joints: <i>(indicate)</i></p> <p>() Straight through joints</p> <p>() Parallel branch joints</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
8	<p>Candidate successfully uses one or more of the following accessories to joint LV paper insulated cable: <i>(indicate)</i></p> <p>() Resin filled boxes</p> <p>() Polymeric tape</p> <p>() Heat shrink</p> <p>() Slip-on' moulds</p> <p>() Pre-stretched polymeric</p> <p>() Compound filled boxes</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
9	<p>Candidate successfully uses one or more of the following joints/connectors to joint HV paper insulated cable: <i>(indicate)</i></p> <ul style="list-style-type: none"> () Compression joints () Mechanical connectors () Soldered joints () Ferrules () Lugs 		<input type="checkbox"/> Yes <input type="checkbox"/> No	
10	<p>Candidate terminates HV paper insulated cable to one or more of the following equipment: <i>(indicate)</i></p> <ul style="list-style-type: none"> () Busbar/termination box () Links/Fuses () Termination boxes () Control gear 		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
11	Candidate terminates HV paper insulated cable in one or more of the following enclosures: <i>(indicate)</i> () Transformer () Ring main units () Chamber substations		<input type="checkbox"/> Yes <input type="checkbox"/> No	
12	Candidate performs insulation resistance tests on HV paper insulated cable joints to verify compliance		<input type="checkbox"/> Yes <input type="checkbox"/> No	
13	Candidate uses moisture testing equipment safely and correctly		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
14	Candidate uses one or more of the following test equipment to test HV paper insulated cables: <i>(indicate)</i> () Cable spiking devices () Cable identification devices		<input type="checkbox"/> Yes <input type="checkbox"/> No	
15	Candidate implements work practices to minimise waste, conserve energy, recycle materials and protect the environment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
16	Candidate follows instructions and safe work methods/procedures at all times		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
17	Candidate confirms procedures to deal with non-routine events, provides suitable solutions and/or refers events to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	
18	Candidate confirms procedures for reporting accidents and/or incidents to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Completing work tasks				
19	Candidate returns work permit(s) and/or access authorisation(s)		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Candidate:

Completing work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
20	Work area is cleaned and tools, equipment and materials are cleaned and stored		<input type="checkbox"/> Yes <input type="checkbox"/> No	
21	Candidate notifies appropriate personnel of work completion according to established procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	
22	Candidate completes works completion records, report forms/data sheets accurately		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Candidate:

Employability Skills				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
23	Candidate arrives at work on-time, with required tools, PPE and equipment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
24	Candidate communicates clearly and works effectively as an individual and as part of a team		<input type="checkbox"/> Yes <input type="checkbox"/> No	

END OF ASSESSMENT

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Candidate:

Assessor Comments

Assessment Outcome

<p>The evidence gathered demonstrates that the candidate can prepare for, carry out and complete work tasks autonomously, to requirements and time-frames typically expected in the industry, and at a level of competency that reflects his/her current stage through their training program:</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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I have made the determination above, based on evidence collected by using a variety of assessment methods, as detailed above, utilised in the candidate's workplace:

Assessor: _____

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate: _____

Signature: _____ Date: _____

Candidate Feedback (including gaps and improvement strategies if required)

Candidate Declaration

I have been informed of the assessment result, the reasons behind the determination and a strategy for improvement if necessary.

Candidate: _____

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Candidate: _____

Signature: _____

Date: _____

Competency Map & Checklist

The competency map below indicates which CSUs relate to each performance element of the assessment.

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	1	UEENEEE101A UEENEEE102A UEENEEE107A UETTDREL11A UETTDRCJ21A UETTDRCJ23A	<input type="checkbox"/>	2	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ23A	<input type="checkbox"/>	3	UEENEEE101A UEENEEE107A UETTDREL11A UETTDRCJ21A UETTDRCJ23A
<input type="checkbox"/>	4	UETTDREL11A	<input type="checkbox"/>	5	UETTDRCJ21A UETTDRCJ23A	<input type="checkbox"/>	6	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A UETTDRCJ21A UETTDRCJ23A
<input type="checkbox"/>	7	UEENEEE101A UETTDRCJ23A	<input type="checkbox"/>	8	UEENEEE101A UETTDRCJ23A	<input type="checkbox"/>	9	UEENEEE101A UETTDRCJ23A

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Candidate:

□	10	UEENEEE101A UETTDRCJ21A UETTDRCJ23A	□	11	UEENEEE101A UETTDRCJ23A	□	12	UEENEEE101A UETTDRCJ21A UETTDRCJ23A
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	13	UEENEEE101A UETTDRCJ23A	<input type="checkbox"/>	14	UEENEEE101A UETTDRCJ23A	<input type="checkbox"/>	15	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ23A
<input type="checkbox"/>	16	UEENEEE101A UETTDRCJ21A UETTDRCJ23A	<input type="checkbox"/>	17	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ23A	<input type="checkbox"/>	18	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ23A
<input type="checkbox"/>	19	UEENEEE101A UETTDRCJ21A UETTDRCJ23A	<input type="checkbox"/>	20	UEENEEE102A UETTDREL11A UETTDRCJ21A UETTDRCJ23A	<input type="checkbox"/>	21	UETTDRCJ21A UETTDRCJ23A
<input type="checkbox"/>	22	UETTDRCJ21A UETTDRCJ23A	<input type="checkbox"/>	23	Employability Skills	<input type="checkbox"/>	24	Employability Skills

Workplace Assessment

Install & Maintain Underground HV Polymeric Cables

Candidate: _____

Employer: _____

Date: _____

Workplace Assessment Details

Candidate Name:

Employer:

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Assessor Name:	Date:	Time:
Work Location:		

Methods of assessment key:

WO = Workplace Observation	P = Portfolio
Q = Questioning	TPF = Third Party Feedback
SA = Structured Activities	RP = Review of Products

The candidate will be assessed by one or more of the following methods:

- 🎬 workplace observation, whereby the assessor watches the candidate carry out a task as part of his or her normal work duties
 - 🎬 questioning, whereby the assessor asks the candidate questions to determine his or her understanding of underpinning knowledge, in relation to relevant workplace activities
 - 🎬 structured activities, whereby the assessor observes the candidate participate in a simulation, scenario or role play
 - 🎬 portfolio, whereby the assessor collects evidence from the workplace, such as workplace documents, that demonstrate that the candidate has participated in relevant workplace activities
 - 🎬 third party feedback, whereby the assessor conducts one or more interviews with the candidate’s supervisor(s) and / or peers to gain information relating to the candidate’s performance in the workplace
 - 🎬 review of products, whereby the assessor reviews samples of work, completed by the candidate, in the workplace
-

Performance Elements

Preparing to undertake work

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
1	Candidate analyses and confirms work schedule / plans / drawings and procedures related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	Candidate receives and confirms OHS procedures, and participates in Job Safety Analysis (JSA)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
3	Candidate identifies and obtains required work permits		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

4	Candidate identifies risks to the environment related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Candidate identifies and confirms arrangements for traffic management		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Carrying out work tasks				
6	Candidate verifies / confirms that systems and circuits to be worked on are isolated and proved safe		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

7	<p>Candidate joints underground HV polymeric cable using one or more of the following joints: <i>(indicate)</i></p> <p>() Tee-off joints () Straight through joints () Parallel branch joints () Parallel joints</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
8	<p>Candidate successfully uses one or more of the following accessories to joint HV polymeric cable: <i>(indicate)</i></p> <p>() Resin filled boxes, () Compound filled boxes () Polymeric tape () Heat shrink () Slip-on' moulds () Pre-stretched polymeric</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

9	<p>Candidate successfully uses one or more of the following lugs/connectors to joint HV polymeric cable: <i>(indicate)</i></p> <p>() Compression connectors () Mechanical connectors () Lugs</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
10	<p>Candidate terminates HV polymeric cable to one or more of the following pieces equipment: <i>(indicate)</i></p> <p>() Busbar/termination boxes () Links/Fuses () Disconnect boxes () Termination boxes () Control gear () Circuit breakers</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

11	Candidate terminates HV polymeric cable in one or more of the following enclosures: <i>(indicate)</i> () Transformer () Ring main units () Chamber substations		<input type="checkbox"/> Yes <input type="checkbox"/> No	
12	Candidate correctly and safely uses one or more of the following devices: <i>(indicate)</i> () Cable spiking device () Cable identification device () Voltage detector		<input type="checkbox"/> Yes <input type="checkbox"/> No	
13	Candidate performs insulation resistance tests on HV polymeric cable joints to verify compliance		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

14	Candidate implements work practices to minimise waste, conserve energy, recycle materials and protect the environment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
15	Candidate follows instructions and safe work methods/procedures at all times		<input type="checkbox"/> Yes <input type="checkbox"/> No	
16	Candidate confirms procedures to deal with non-routine events, provides suitable solutions and/or refers events to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

17	Candidate confirms procedures for reporting accidents and/or incidents to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Completing work tasks				
18	Candidate returns work permit(s) and/or access authorisation(s)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
19	Work area is cleaned and equipment and materials are cleaned and stored		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Completing work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

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Candidate:

20	Candidate notifies appropriate personnel of work completion according to established procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	
21	Candidate completes works completion records, report forms/data sheets accurately		<input type="checkbox"/> Yes <input type="checkbox"/> No	

END OF ASSESSMENT

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Candidate:

Assessor Comments

Assessment Outcome

<p>The evidence gathered demonstrates that the candidate can prepare for, carry out and complete work tasks autonomously, to requirements and time-frames typically expected in the industry, and at a level of competency that reflects his/her current stage through their training program:</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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I have made the determination above, based on evidence collected by using a variety of assessment methods, as detailed above, utilised in the candidate's workplace:

Assessor: _____

Signature: _____ Date: _____

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Candidate:

Candidate Feedback (including gaps and improvement strategies if required)

Candidate Declaration

I have been informed of the assessment result, the reasons behind the determination and a strategy for improvement if necessary.

Candidate: _____

Signature: _____ Date: _____

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Competency Map & Checklist

The competency map below indicates which CSUs relate to each performance element of the assessment.

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	1	UEENEEE101A UEENEEE102A UEENEEE107A UETTDREL11A UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	2	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	3	UEENEEE101A UEENEEE107A UETTDREL11A UETTDRCJ21A UETTDRCJ27A
<input type="checkbox"/>	4	UETTDREL11A	<input type="checkbox"/>	5	UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	6	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A UETTDRCJ21A UETTDRCJ27A
<input type="checkbox"/>	7	UEENEEE101A UETTDRCJ27A	<input type="checkbox"/>	8	UEENEEE101A UETTDRCJ27A	<input type="checkbox"/>	9	UEENEEE101A UETTDRCJ27A
<input type="checkbox"/>	10	UEENEEE101A UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	11	UEENEEE101A UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	12	UEENEEE101A UETTDRCJ27A

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Candidate:

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Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	13	UEENEEE101A UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	14	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	15	UEENEEE101A UETTDRCJ21A UETTDRCJ27A
<input type="checkbox"/>	16	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	17	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	18	UEENEEE101A UETTDRCJ21A UETTDRCJ27A
<input type="checkbox"/>	19	UEENEEE102A UETTDREL11A UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	20	UETTDRCJ21A UETTDRCJ27A	<input type="checkbox"/>	21	UETTDRCJ21A UETTDRCJ27A



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Inspect & Treat Poles & Structures

Candidate: _____

Employer: _____

Date: _____

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:







Workplace Assessment Details

Candidate Name:	Employer:	
Assessor Name:	Date:	Time:
Work Location:		

Methods of assessment key:

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|----------------------------|----------------------------|
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| Q = Questioning | TPF = Third Party Feedback |
| SA = Structured Activities | RP = Review of Products |
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The candidate will be assessed by one or more of the following methods:

-  workplace observation, whereby the assessor watches the candidate carry out a task as part of his or her normal work duties
-  questioning, whereby the assessor asks the candidate questions to determine his or her understanding of underpinning knowledge, in relation to relevant workplace activities
-  structured activities, whereby the assessor observes the candidate participate in a simulation, scenario or role play
-  portfolio, whereby the assessor collects evidence from the workplace, such as workplace documents, that demonstrate that the candidate has participated in relevant workplace activities
-  third party feedback, whereby the assessor conducts one or more interviews with the candidate’s supervisor(s) and / or peers to gain information relating to the candidate’s performance in the workplace
-  review of products, whereby the assessor reviews samples of work, completed by the candidate, in the workplace

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Assessment Elements

Employability skills				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
1	Candidate arrives at work on-time, with required tools, PPE and equipment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Preparing to undertake work				
2	Candidate receives and confirms instructions and procedures related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

3	Candidate receives and confirms OHS procedures, and participates in Job Safety Analysis (JSA)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
4	Candidate identifies and obtains required work permits		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Candidate identifies risks to the environment related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

6	Candidate identifies and confirms arrangements for rail/road traffic management		<input type="checkbox"/> Yes <input type="checkbox"/> No	
7	Candidate selects tools, PPE and equipment appropriate to carry out the task		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
8	Candidate conducts visual checking and treatment of one or more of the following pole / structure types: <i>(indicate)</i> <input type="checkbox"/> Wood <input type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Composite		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

9	<p>Candidate performs one or more of the following tests on poles / structures: <i>(indicate)</i></p> <p>() Stress test () Drill test () Non intrusive test</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
10	<p>Candidate applies one or more of the following treatments to poles / structures: <i>(indicate)</i></p> <p>() Chemical treatment () Re-butting () Nailing () Welding () Stays/guys</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

11	<p>Candidate conducts visual checking of two or more of the following equipment: (<i>indicate</i>)</p> <ul style="list-style-type: none"> () Cross-arms () Insulators () Surge arrestors () Support brackets 		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
12	<p>Candidate implements work practices to minimise waste, conserve energy, recycle materials and protect the environment</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

13	Candidate follows instructions and safe work methods/procedures at all times		<input type="checkbox"/> Yes <input type="checkbox"/> No	
14	Candidate confirms procedures to deal with non-routine events, provides suitable solutions and/or refers events to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
15	Candidate confirms procedures for reporting accidents and/or incidents to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Completing work tasks				
16	Candidate returns work permit(s) and/or access authorisation(s)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
17	Work area is cleaned and tools, equipment and materials are cleaned and stored		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Completing work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
18	Candidate notifies appropriate personnel of work completion according to established procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

19	Candidate records results of visual inspections conducted on poles / structures		<input type="checkbox"/> Yes <input type="checkbox"/> No	
20	Candidate reports results of visual inspections conducted on poles / structures		<input type="checkbox"/> Yes <input type="checkbox"/> No	

END OF ASSESSMENT

Assessor Comments

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Assessment Outcome

The evidence gathered demonstrates that the candidate can prepare for, carry out and complete work tasks autonomously, to requirements and time-frames typically expected in the industry, and at a level of competency that reflects his/her current stage through their training program:

Yes

No

I have made the determination above, based on evidence collected by using a variety of assessment methods, as detailed above, utilised in the candidate's workplace:

Assessor: _____

Signature: _____ Date: _____

Candidate Feedback (including gaps and improvement strategies if required)

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Candidate Declaration

I have been informed of the assessment result, the reasons behind the determination and a strategy for improvement if necessary.

Candidate: _____

Signature: _____

Date: _____

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Competency Map & Checklist

The competency map below indicates which CSUs relate to each performance element of the assessment.

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	1	UEENEEE101A Employability Skills	<input type="checkbox"/>	2	UEENEEE101A UETTDREL11A UETTDNIS57A	<input type="checkbox"/>	3	UEENEEE101A UETTDNIS57A
<input type="checkbox"/>	4	UEENEEE101A UETTDNIS57A	<input type="checkbox"/>	5	UETTDREL11A UETTDNIS57A	<input type="checkbox"/>	6	UEENEEE101A UETTDNIS57A
<input type="checkbox"/>	7	UEENEEE101A UEENEEE102A UETTDNIS57A	<input type="checkbox"/>	8	UETTDNIS57A	<input type="checkbox"/>	9	UETTDNIS57A
<input type="checkbox"/>	10	UETTDNIS57A	<input type="checkbox"/>	11	UETTDNIS57A	<input type="checkbox"/>	12	UETTDREL11A UETTDNIS57A
<input type="checkbox"/>	13	UEENEEE101A UETTDNIS57A	<input type="checkbox"/>	14	UEENEEE101A UETTDNIS57A	<input type="checkbox"/>	15	UEENEEE101A UETTDNIS57A

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	16	UETTDREL11A UETTDRLS57A	<input type="checkbox"/>	17	UEENEEE101A UETTDRLS57A	<input type="checkbox"/>	18	UETTDRLS57A
<input type="checkbox"/>	19	UETTDRLS57A	<input type="checkbox"/>	20	UETTDRLS57A			



Workplace Assessment

Install & Maintain LV Paper Insulated Cables

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Candidate: _____

Employer: _____

Date: _____

Workplace Assessment Details

Candidate Name:	Employer:	
Assessor Name:	Date:	Time:
Work Location:		

Methods of assessment key:

-
- | | |
|----------------------------|----------------------------|
| WO = Workplace Observation | P = Portfolio |
| Q = Questioning | TPF = Third Party Feedback |
| SA = Structured Activities | RP = Review of Products |
-

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

The candidate will be assessed by one or more of the following methods:

- 📺 workplace observation, whereby the assessor watches the candidate carry out a task as part of his or her normal work duties
- 📺 questioning, whereby the assessor asks the candidate questions to determine his or her understanding of underpinning knowledge, in relation to relevant workplace activities
- 📺 structured activities, whereby the assessor observes the candidate participate in a simulation, scenario or role play
- 📺 portfolio, whereby the assessor collects evidence from the workplace, such as workplace documents, that demonstrate that the candidate has participated in relevant workplace activities
- 📺 third party feedback, whereby the assessor conducts one or more interviews with the candidate's supervisor(s) and / or peers to gain information relating to the candidate's performance in the workplace
- 📺 review of products, whereby the assessor reviews samples of work, completed by the candidate, in the workplace

Performance Elements

Preparing to undertake work

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
1	Candidate analyses and confirms work schedule / plans / drawings and procedures related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

2	Candidate receives and confirms OHS procedures, and participates in Job Safety Analysis (JSA)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
3	Candidate identifies and obtains required work permits		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
4	Candidate identifies risks to the environment related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

5	Candidate identifies and confirms arrangements for traffic management		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Carrying out work tasks				
6	Candidate verifies / confirms that systems and circuits to be worked on are isolated and proved safe		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

7	<p>Candidate joints LV paper insulated cable using one or more of the following joints: <i>(indicate)</i></p> <p>() Tee-off joints () Straight through joints () Parallel branch joints () Parallel joints</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
8	<p>Candidate successfully uses one or more of the following accessories to joint LV paper insulated cable: <i>(indicate)</i></p> <p>() Resin filled boxes () Polymeric tape () Heat shrink () Slip-on' moulds () Pre-stretched polymeric</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

9	<p>Candidate successfully uses one or more of the following lugs/connectors to joint LV paper insulated cable: <i>(indicate)</i></p> <p>() Compression lugs () Mechanical connectors () soldered lugs</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
10	<p>Candidate terminates LV paper insulated cable to one or more of the following equipment: <i>(indicate)</i></p> <p>() Busbar/termination box () Links/Fuses () Disconnect boxes () Termination boxes () Control gear</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

<p>11</p>	<p>Candidate terminates LV paper insulated cable in one or more of the following enclosures: <i>(indicate)</i></p> <ul style="list-style-type: none"> () Transformer () Ring main units () Chamber substations () LV switchboards () Pillars / turrets () Lighting columns () Circuit Breakers 		<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	
<p>12</p>	<p>Candidate performs insulation resistance tests on LV paper insulated cable joints to verify compliance</p>		<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
13	Candidate implements work practices to minimise waste, conserve energy, recycle materials and protect the environment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
14	Candidate follows instructions and safe work methods/procedures at all times		<input type="checkbox"/> Yes <input type="checkbox"/> No	
15	Candidate confirms procedures to deal with non-routine events, provides suitable solutions and/or refers events to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
16	Candidate confirms procedures for reporting accidents and/or incidents to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Completing work tasks				
17	Candidate returns work permit(s) and/or access authorisation(s)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
18	Work area is cleaned and tools, equipment and materials are cleaned and stored		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Completing work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
19	Candidate notifies appropriate personnel of work completion according to established procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	
20	Candidate completes works completion records, report forms/data sheets accurately		<input type="checkbox"/> Yes <input type="checkbox"/> No	

END OF ASSESSMENT

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Assessor Comments

Assessment Outcome

<p>The evidence gathered demonstrates that the candidate can prepare for, carry out and complete work tasks autonomously, to requirements and time-frames typically expected in the industry, and at a level of competency that reflects his/her current stage through their training program:</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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I have made the determination above, based on evidence collected by using a variety of assessment methods, as detailed above, utilised in the candidate's workplace:

Assessor: _____

Signature: _____ Date: _____

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables
 Candidate:

Candidate Feedback (including gaps and improvement strategies if required)

Candidate Declaration

I have been informed of the assessment result, the reasons behind the determination and a strategy for improvement if necessary.

Candidate: _____

Signature: _____ Date: _____

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Competency Map & Checklist

The competency map below indicates which CSUs relate to each performance element of the assessment.

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	1	UEENEEE101A UEENEEE102A UEENEEE107A UETTDREL11A UETTDRCJ21A UETTDRCJ22A	<input type="checkbox"/>	2	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ22A	<input type="checkbox"/>	3	UEENEEE101A UEENEEE107A UETTDREL11A UETTDRCJ21A UETTDRCJ22A
<input type="checkbox"/>	4	UETTDREL11A	<input type="checkbox"/>	5	UETTDRCJ21A UETTDRCJ22A	<input type="checkbox"/>	6	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A UETTDRCJ21A UETTDRCJ22A
<input type="checkbox"/>	7	UEENEEE101A UETTDRCJ22A	<input type="checkbox"/>	8	UEENEEE101A UETTDRCJ22A	<input type="checkbox"/>	9	UEENEEE101A UETTDRCJ22A
<input type="checkbox"/>	10	UEENEEE101A UETTDRCJ21A UETTDRCJ22A	<input type="checkbox"/>	11	UEENEEE101A UETTDRCJ22A	<input type="checkbox"/>	12	UEENEEE101A UETTDRCJ21A UETTDRCJ22A

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	13	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ22A	<input type="checkbox"/>	14	UEENEEE101A UETTDRCJ21A UETTDRCJ22A	<input type="checkbox"/>	15	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ22A
<input type="checkbox"/>	16	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ22A	<input type="checkbox"/>	17	UEENEEE101A UETTDRCJ21A UETTDRCJ22A	<input type="checkbox"/>	18	UEENEEE102A UETTDREL11A UETTDRCJ21A UETTDRCJ22A
<input type="checkbox"/>	19	UEENEEE101A UETTDRCJ21A UETTDRCJ22A	<input type="checkbox"/>	20	UEENEEE101A UETTDRCJ21A UETTDRCJ22A			



Workplace Assessment

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Install & Maintain Underground LV Polymeric Cables

Candidate: _____

Employer: _____

Date: _____

Workplace Assessment Details

Candidate Name:	Employer:		
Assessor Name:	Date:	Time:	
Work Location:			

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Methods of assessment key:

WO = Workplace Observation	P = Portfolio
Q = Questioning	TPF = Third Party Feedback
SA = Structured Activities	RP = Review of Products

The candidate will be assessed by one or more of the following methods:

- workplace observation, whereby the assessor watches the candidate carry out a task as part of his or her normal work duties
- questioning, whereby the assessor asks the candidate questions to determine his or her understanding of underpinning knowledge, in relation to relevant workplace activities
- structured activities, whereby the assessor observes the candidate participate in a simulation, scenario or role play
- portfolio, whereby the assessor collects evidence from the workplace, such as workplace documents, that demonstrate that the candidate has participated in relevant workplace activities
- third party feedback, whereby the assessor conducts one or more interviews with the candidate’s supervisor(s) and / or peers to gain information relating to the candidate’s performance in the workplace
- review of products, whereby the assessor reviews samples of work, completed by the candidate, in the workplace

Performance Elements

Preparing to undertake work

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

1	Candidate analyses and confirms work schedule / plans / drawings and procedures related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	Candidate receives and confirms OHS procedures, and participates in Job Safety Analysis (JSA)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
3	Candidate identifies and obtains required work permits		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

4	Candidate identifies risks to the environment related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Candidate identifies and confirms arrangements for traffic management		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Carrying out work tasks				
6	Candidate verifies / confirms that systems and circuits to be worked on are isolated and proved safe		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

7	<p>Candidate joints underground LV polymeric cable using one or more of the following joints: <i>(indicate)</i></p> <p>() Tee-off joints () Straight through joints () Parallel branch joints () Parallel joints</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
8	<p>Candidate successfully uses one or more of the following accessories to joint LV polymeric cable: <i>(indicate)</i></p> <p>() Resin filled boxes, () Compound filled boxes () Polymeric tape () Heat shrink () Slip-on' moulds () Pre-stretched polymeric</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

9	<p>Candidate successfully uses one or more of the following lugs/connectors to joint LV polymeric cable: <i>(indicate)</i></p> <p>() Compression lugs () Welded connections () Mechanical connectors () Insulation piercing connectors</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
10	<p>Candidate terminates LV polymeric cable to one or more of the following pieces equipment: <i>(indicate)</i></p> <p>() Busbar/termination boxes () Links/Fuses () Disconnect boxes () Termination boxes () Control gear () Circuit breakers</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

11	<p>Candidate terminates LV polymeric cable in one or more of the following enclosures: <i>(indicate)</i></p> <p>() Transformer () LV switchboards () Pillars/turrets () Lighting columns () Ring main units () Chamber substations</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
12	<p>Candidate performs insulation resistance tests on LV polymeric cable joints to verify compliance</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
13	<p>Candidate implements work practices to minimise waste, conserve energy, recycle materials and protect the environment</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

14	Candidate follows instructions and safe work methods/procedures at all times		<input type="checkbox"/> Yes <input type="checkbox"/> No	
15	Candidate confirms procedures to deal with non-routine events, provides suitable solutions and/or refers events to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	
16	Candidate confirms procedures for reporting accidents and/or incidents to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Completing work tasks

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

17	Candidate returns work permit(s) and/or access authorisation(s)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
18	Work area is cleaned and equipment and materials are cleaned and stored		<input type="checkbox"/> Yes <input type="checkbox"/> No	
19	Candidate notifies appropriate personnel of work completion according to established procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Completing work tasks

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

20	Candidate completes works completion records, report forms/data sheets accurately			
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END OF ASSESSMENT

Assessor Comments

Assessment Outcome

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

<p>The evidence gathered demonstrates that the candidate can prepare for, carry out and complete work tasks autonomously, to requirements and time-frames typically expected in the industry, and at a level of competency that reflects his/her current stage through their training program:</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
--	------------------------------	-----------------------------

I have made the determination above, based on evidence collected by using a variety of assessment methods, as detailed above, utilised in the candidate's workplace:

Assessor: _____

Signature: _____

Date: _____

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Candidate Feedback (including gaps and improvement strategies if required)

Candidate Declaration

I have been informed of the assessment result, the reasons behind the determination and a strategy for improvement if necessary.

Candidate: _____

Signature: _____ Date: _____

Authorised by: Managing Director Craig Murray	General Manager - Electro Group Rod Hart	Release Date: 27/01/2013	Author: Q Jeremy	Revision No: 1	Page: 71
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Competency Map & Checklist

The competency map below indicates which CSUs relate to each performance element of the assessment.

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	1	UEENEEE101A UEENEEE102A UEENEEE107A UETTDREL11A UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	2	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	3	UEENEEE101A UEENEEE107A UETTDREL11A UETTDRCJ21A UETTDRCJ26A
<input type="checkbox"/>	4	UETTDREL11A	<input type="checkbox"/>	5	UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	6	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A UETTDRCJ21A UETTDRCJ26A
<input type="checkbox"/>	7	UEENEEE101A UETTDRCJ26A	<input type="checkbox"/>	8	UEENEEE101A UETTDRCJ26A	<input type="checkbox"/>	9	UEENEEE101A UETTDRCJ26A
<input type="checkbox"/>	10	UEENEEE101A UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	11	UEENEEE101A UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	12	UEENEEE101A UETTDRCJ21A UETTDRCJ26A

Candidate:

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	13	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	14	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	15	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ26A
<input type="checkbox"/>	16	UEENEEE101A UETTDREL11A UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	17	UEENEEE101A UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	18	UEENEEE102A UETTDREL11A UETTDRCJ21A UETTDRCJ26A
<input type="checkbox"/>	19	UETTDRCJ21A UETTDRCJ26A	<input type="checkbox"/>	20	UETTDRCJ21A UETTDRCJ26A			



Workplace Assessment

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Candidate:

Install & Maintain Network Infrastructure Electrical Equipment

Candidate: _____

Employer: _____

Date: _____

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:







Workplace Assessment Details

Candidate Name:	Employer:	
Assessor Name:	Date:	Time:
Work Location:		

Methods of assessment key:

-
- | | |
|----------------------------|----------------------------|
| WO = Workplace Observation | P = Portfolio |
| Q = Questioning | TPF = Third Party Feedback |
| SA = Structured Activities | RP = Review of Products |
-

The candidate will be assessed by one or more of the following methods:

-  workplace observation, whereby the assessor watches the candidate carry out a task as part of his or her normal work duties
-  questioning, whereby the assessor asks the candidate questions to determine his or her understanding of underpinning knowledge, in relation to relevant workplace activities
-  structured activities, whereby the assessor observes the candidate participate in a simulation, scenario or role play
-  portfolio, whereby the assessor collects evidence from the workplace, such as workplace documents, that demonstrate that the candidate has participated in relevant workplace activities
-  third party feedback, whereby the assessor conducts one or more interviews with the candidate’s supervisor(s) and / or peers to gain information relating to the candidate’s performance in the workplace
-  review of products, whereby the assessor reviews samples of work, completed by the candidate, in the workplace

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Assessment Elements

Employability skills				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
1	Candidate arrives at work on-time, with required tools, PPE and equipment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Preparing to undertake work				
2	Candidate receives and confirms instructions and procedures related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

3	Candidate receives and confirms OHS procedures, and participates in Job Safety Analysis (JSA)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
4	Candidate identifies and obtains required work permits		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Candidate identifies risks to the environment related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

6	Candidate identifies and confirms arrangements for traffic management		<input type="checkbox"/> Yes <input type="checkbox"/> No	
7	Candidate selects tools, PPE and equipment appropriate to carry out the task		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
8	Candidate installs / maintains three or more of the following devices / equipment: <i>(indicate)</i> <input type="checkbox"/> Fuse switches <input type="checkbox"/> Dropout fuses <input type="checkbox"/> Sectionalisers <input type="checkbox"/> Disconnectors <input type="checkbox"/> Links <input type="checkbox"/> Fuses <input type="checkbox"/> Surge arrestors		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

9	Candidate installs / maintains one or more of the following devices / equipment: <i>(indicate)</i> <input type="checkbox"/> Reclosers <input type="checkbox"/> Motorised switches <input type="checkbox"/> Gas filled switches <input type="checkbox"/> Ring main units <input type="checkbox"/> Line fault indicators <input type="checkbox"/> Oil filled switches <input type="checkbox"/> Air break switches		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
10	Candidate installs / maintains / connects one or more of the following devices / equipment: <i>(indicate)</i> <input type="checkbox"/> Transformers <input type="checkbox"/> Reactors <input type="checkbox"/> Regulators <input type="checkbox"/> Capacitors <input type="checkbox"/> Relays <input type="checkbox"/> Line fault indicators		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

11	<p>Candidate uses three or more of the following test equipment to verify network infrastructure installations: <i>(indicate)</i></p> <p>() Voltage detectors () Phasing equipment () Clip-on ammeters () Insulation resistance testers () Recording meters () Earth resistance tester</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
12	<p>Candidate implements work practices to minimise waste, conserve energy, recycle materials and protect the environment</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

13	Candidate follows instructions and safe work methods/procedures at all times		<input type="checkbox"/> Yes <input type="checkbox"/> No	
14	Candidate confirms procedures to deal with non-routine events, provides suitable solutions and/or refers events to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
15	Candidate confirms procedures for reporting accidents and/or incidents to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Completing work tasks				
16	Candidate returns work permit(s) and/or access authorisation(s)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
17	Work area is cleaned and tools, equipment and materials are cleaned and stored		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Completing work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
18	Candidate notifies appropriate personnel of work completion according to established procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

19	Candidate completes works completion records, report forms/data sheets accurately		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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END OF ASSESSMENT

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Candidate:

Assessor Comments

Assessment Outcome

<p>The evidence gathered demonstrates that the candidate can prepare for, carry out and complete work tasks autonomously, to requirements and time-frames typically expected in the industry, and at a level of competency that reflects his/her current stage through their training program:</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
--	------------------------------	-----------------------------

I have made the determination above, based on evidence collected by using a variety of assessment methods, as detailed above, utilised in the candidate's workplace:

Assessor: _____

Signature: _____ Date: _____

Authorised by: Managing Director Craig Murray	General Manager - Electro Group Rod Hart	Release Date: 27/01/2013	Author: Q Jeremy	Revision No: 1	Page: 84
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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Candidate Feedback (including gaps and improvement strategies if required)

Candidate Declaration

I have been informed of the assessment result, the reasons behind the determination and a strategy for improvement if necessary.

Candidate: _____

Signature: _____ Date: _____

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Competency Map & Checklist

The competency map below indicates which CSUs relate to each performance element of the assessment.

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	1	UEENEEE101A Employability Skills	<input type="checkbox"/>	2	UEENEEE101A UETTDREL11A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	3	UEENEEE101A UETTDNIS41A UETTDNIS42A
<input type="checkbox"/>	4	UEENEEE101A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	5	UETTDREL11A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	6	UEENEEE101A UETTDNIS41A UETTDNIS42A
<input type="checkbox"/>	7	UEENEEE101A UEENEEE102A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	8	UEENEEE101A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	9	UEENEEE101A UETTDNIS41A UETTDNIS42A
<input type="checkbox"/>	10	UEENEEE101A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	11	UEENEEE101A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	12	UEENEEE101A UETTDREL11A UETTDNIS41A UETTDNIS42A

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

<input type="checkbox"/>	13	UEENEEE101A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	14	UEENEEE101A UETTDREL11A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	15	UEENEEE101A UETTDNIS41A UETTDNIS42A
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Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	16	UEENEEE101A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	17	UEENEEE101A UEENEEE102A UETTDREL11A UETTDNIS41A UETTDNIS42A	<input type="checkbox"/>	18	UEENEEE101A UETTDNIS41A UETTDNIS42A
<input type="checkbox"/>	19	UEENEEE101A UETTDNIS41A UETTDNIS42A						



Workplace Assessment

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Candidate:

Install & Maintain Overhead Conductors & Cables

Candidate: _____

Employer: _____

Date: _____

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:







Workplace Assessment Details

Candidate Name:	Employer:	
Assessor Name:	Date:	Time:
Work Location:		

Methods of assessment key:

-
- | | |
|----------------------------|----------------------------|
| WO = Workplace Observation | P = Portfolio |
| Q = Questioning | TPF = Third Party Feedback |
| SA = Structured Activities | RP = Review of Products |
-

The candidate will be assessed by one or more of the following methods:

-  workplace observation, whereby the assessor watches the candidate carry out a task as part of his or her normal work duties
-  questioning, whereby the assessor asks the candidate questions to determine his or her understanding of underpinning knowledge, in relation to relevant workplace activities
-  structured activities, whereby the assessor observes the candidate participate in a simulation, scenario or role play
-  portfolio, whereby the assessor collects evidence from the workplace, such as workplace documents, that demonstrate that the candidate has participated in relevant workplace activities
-  third party feedback, whereby the assessor conducts one or more interviews with the candidate's supervisor(s) and / or peers to gain information relating to the candidate's performance in the workplace
-  review of products, whereby the assessor reviews samples of work, completed by the candidate, in the workplace

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Assessment Elements

Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
1	Candidate analyses and confirms work schedule / plans / drawings and procedures related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	Candidate participates in and contributes to Job Safety Analysis (JSA)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
3	Candidate has an understanding of safe work methods, work permits and associated procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
4	Candidate identifies risks to the environment related to the work to be carried out		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Candidate arrives at work on-time, with required tools, PPE and equipment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
6	Candidate selects tools, PPE and equipment appropriate to carry out the task		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
7	Candidate identifies and confirms arrangements for traffic management		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Carrying out work tasks				
8	Candidate installs / maintains one or more of the following conductors, cables and configurations: <i>(indicate)</i> <input type="checkbox"/> Copper <input type="checkbox"/> Aluminium <input type="checkbox"/> Steel <input type="checkbox"/> LV abc <input type="checkbox"/> Aluminium reinforced <input type="checkbox"/> Steel reinforced <input type="checkbox"/> HV abc <input type="checkbox"/> HV iuc <input type="checkbox"/> Pilot rope		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
9	Candidate safely uses one or more of the following plant and equipment: <i>(indicate)</i> <input type="checkbox"/> EWP <input type="checkbox"/> Portable platform <input type="checkbox"/> Ladder		<input type="checkbox"/> Yes <input type="checkbox"/> No	
10	Candidate safely uses one or more of the following pieces of equipment: <i>(indicate)</i> <input type="checkbox"/> Cable drum stands <input type="checkbox"/> Cable trailers <input type="checkbox"/> Ropes <input type="checkbox"/> Rollers <input type="checkbox"/> Sheaves <input type="checkbox"/> Stockings <input type="checkbox"/> Stringing equipment <input type="checkbox"/> Swivels <input type="checkbox"/> Winches		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
11	Candidate successfully and safely operates tensioning equipment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
12	Candidate safely uses one or more of the following test equipment: <i>(indicate)</i> <input type="checkbox"/> Phasing sticks <input type="checkbox"/> Fault indicators <input type="checkbox"/> Field intensity meter <input type="checkbox"/> Operating rods		<input type="checkbox"/> Yes <input type="checkbox"/> No	
13	Candidate safely uses one or more of the following instruments: <i>(indicate)</i> <input type="checkbox"/> Dynamometer <input type="checkbox"/> Site board <input type="checkbox"/> Beat (wave sagging) <input type="checkbox"/> Abney level <input type="checkbox"/> Theodolite		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
14	Candidate participates in one or more of the following overhead conductor installation techniques: <i>(indicate)</i> <input type="checkbox"/> Lay-out (stringing method) <input type="checkbox"/> Pull through (stringing method) <input type="checkbox"/> Pilot rope (stringing method)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
15	Candidate implements work practices to minimise waste, conserve energy, recycle materials and protect the environment		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Candidate:

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
16	Candidate follows instructions and safe work methods/procedures at all times		<input type="checkbox"/> Yes <input type="checkbox"/> No	
17	Candidate confirms procedures to deal with non-routine events, provides suitable solutions and/or refers events to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	
18	Candidate confirms procedures for reporting accidents and/or incidents to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Completing work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
19	Candidate returns work permit(s) and/or access authorisation(s)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
20	Work area is cleaned and tools, equipment and materials are cleaned and stored		<input type="checkbox"/> Yes <input type="checkbox"/> No	
21	Candidate notifies appropriate personnel of work completion according to established procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Completing work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
22	Candidate completes works completion records, report forms/data sheets accurately		<input type="checkbox"/> Yes <input type="checkbox"/> No	

END OF ASSESSMENT

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Candidate:

Assessor Comments

Assessment Outcome

<p>The evidence gathered demonstrates that the candidate can prepare for, carry out and complete work tasks autonomously, to requirements and time-frames typically expected in the industry, and at a level of competency that reflects his/her current stage through their training program:</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
--	------------------------------	-----------------------------

I have made the determination above, based on evidence collected by using a variety of assessment methods, as detailed above, utilised in the candidate's workplace:

Assessor: _____

Signature: _____ Date: _____

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Candidate Feedback (including gaps and improvement strategies if required)

Candidate Declaration

I have been informed of the assessment result, the reasons behind the determination and a strategy for improvement if necessary.

Candidate: _____

Signature: _____ Date: _____

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Competency Map & Checklist

The competency map below indicates which CSUs relate to each performance element of the assessment.

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	1	UEENEEE107A UETTDRI54A	<input type="checkbox"/>	2	UEENEEE101A UETTDRI54A	<input type="checkbox"/>	3	UEENEEE101A UETTDRI54A
<input type="checkbox"/>	4	UETTDREL11A UETTDRI54A	<input type="checkbox"/>	5	UEENEEE101A Employability Skills	<input type="checkbox"/>	6	UEENEEE101A UEENEEE102A UETTDRI54A
<input type="checkbox"/>	7	UEENEEE101A UETTDRI54A	<input type="checkbox"/>	8	UEENEEE101A UETTDRI54A	<input type="checkbox"/>	9	UEENEEE101A UETTDRI54A
<input type="checkbox"/>	10	UEENEEE101A UETTDRI54A	<input type="checkbox"/>	11	UEENEEE101A UETTDRI54A	<input type="checkbox"/>	12	UEENEEE101A UETTDRI54A
<input type="checkbox"/>	13	UEENEEE101A UETTDREL11A UETTDRI54A	<input type="checkbox"/>	14	UEENEEE101A UETTDRI54A	<input type="checkbox"/>	15	UETTDREL11A UETTDRI54A

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

<input type="checkbox"/>	16	UEENEEE101A UETTDNIS54A	<input type="checkbox"/>	17	UEENEEE101A UETTDREL11A UETTDNIS54A	<input type="checkbox"/>	18	UEENEEE101A UETTDNIS54A
--------------------------	----	----------------------------	--------------------------	----	---	--------------------------	----	----------------------------

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	19	UEENEEE101A UETTDNIS54A	<input type="checkbox"/>	20	UEENEEE101A UEENEEE102A UETTDREL11A UETTDNIS54A	<input type="checkbox"/>	21	UETTDNIS54A
<input type="checkbox"/>	22	UEENEEE101A UETTDNIS54A						



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Candidate:

Install & Maintain Poles & Associated Hardware

Candidate: _____

Employer: _____

Date: _____

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Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:







Workplace Assessment Details

Candidate Name:	Employer:	
Assessor Name:	Date:	Time:
Work Location:		

Methods of assessment key:

- | | |
|----------------------------|----------------------------|
| WO = Workplace Observation | P = Portfolio |
| Q = Questioning | TPF = Third Party Feedback |
| SA = Structured Activities | RP = Review of Products |

The candidate will be assessed by one or more of the following methods:

-  workplace observation, whereby the assessor watches the candidate carry out a task as part of his or her normal work duties
-  questioning, whereby the assessor asks the candidate questions to determine his or her understanding of underpinning knowledge, in relation to relevant workplace activities
-  structured activities, whereby the assessor observes the candidate participate in a simulation, scenario or role play
-  portfolio, whereby the assessor collects evidence from the workplace, such as workplace documents, that demonstrate that the candidate has participated in relevant workplace activities
-  third party feedback, whereby the assessor conducts one or more interviews with the candidate’s supervisor(s) and / or peers to gain information relating to the candidate’s performance in the workplace
-  review of products, whereby the assessor reviews samples of work, completed by the candidate, in the workplace

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Candidate:

Assessment Elements

Employability skills				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
1	Candidate arrives at work on-time, with required tools, PPE and equipment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Preparing to undertake work				
2	Candidate receives and confirms instructions and procedures related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

3	Candidate receives and confirms OHS procedures, and participates in Job Safety Analysis (JSA)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
4	Candidate identifies and obtains required work permits		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Candidate identifies risks to the environment related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

6	Candidate identifies and confirms arrangements for traffic management		<input type="checkbox"/> Yes <input type="checkbox"/> No	
7	Candidate selects tools, PPE and equipment appropriate to carry out the task		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
8	Candidate installs / stabilises / maintains one or more of the following pole types: <i>(indicate)</i> <input type="checkbox"/> Wood <input type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Composite		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

9	<p>Candidate installs / secures / maintains one or more of the following types of hardware and equipment: (<i>indicate</i>)</p> <ul style="list-style-type: none"> () Insulators () Cross arm braces () Crossarms () Pole steps () Shackle straps () Earth leads () Traction supports () Traction registration () Bonding 		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

10	<p>Candidate participates in one or more of the following techniques to install / maintain poles, structures and/or their associated hardware: <i>(indicate)</i></p> <p>() Crane () Auger/erector () 'A' frame () Lifting beam () Pole pikes () Helicopter lift</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	
11	<p>Candidate performs one or more of the following: <i>(indicate)</i></p> <p>() Baulking () Stays () Concreting (including foundations)</p>		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

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Candidate:

12	Candidate implements work practices to minimise waste, conserve energy, recycle materials and protect the environment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
13	Candidate follows instructions and safe work methods/procedures at all times		<input type="checkbox"/> Yes <input type="checkbox"/> No	
14	Candidate confirms procedures to deal with non-routine events, provides suitable solutions and/or refers events to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

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Candidate:

15	Candidate confirms procedures for reporting accidents and/or incidents to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Completing work tasks				
16	Candidate returns work permit(s) and/or access authorisation(s)		<input type="checkbox"/> Yes <input type="checkbox"/> No	
17	Work area is cleaned and tools, equipment and materials are cleaned and stored		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Completing work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

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Candidate:

18	Candidate notifies appropriate personnel of work completion according to established procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	
19	Candidate completes works completion records, report forms/data sheets accurately		<input type="checkbox"/> Yes <input type="checkbox"/> No	

END OF ASSESSMENT

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Candidate:

Assessor Comments

Assessment Outcome

<p>The evidence gathered demonstrates that the candidate can prepare for, carry out and complete work tasks autonomously, to requirements and time-frames typically expected in the industry, and at a level of competency that reflects his/her current stage through their training program:</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
--	------------------------------	-----------------------------

I have made the determination above, based on evidence collected by using a variety of assessment methods, as detailed above, utilised in the candidate's workplace:

Assessor: _____

Signature: _____ Date: _____

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Candidate:

Candidate Feedback (including gaps and improvement strategies if required)

Candidate Declaration

I have been informed of the assessment result, the reasons behind the determination and a strategy for improvement if necessary.

Candidate: _____

Signature: _____ Date: _____

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Competency Map & Checklist

The competency map below indicates which CSUs relate to each performance element of the assessment.

Element	Competency Standard Unit (CSU)	Element	Competency Standard Unit (CSU)	Element	Competency Standard Unit (CSU)
<input type="checkbox"/> 1	UEENEEE101A Employability Skills	<input type="checkbox"/> 2	UEENEEE101A UETTDREL11A UETTDRIS52A	<input type="checkbox"/> 3	UEENEEE101A UETTDRIS52A
<input type="checkbox"/> 4	UEENEEE101A UETTDRIS52A	<input type="checkbox"/> 5	UETTDREL11A UETTDRIS52A	<input type="checkbox"/> 6	UEENEEE101A UETTDRIS52A
<input type="checkbox"/> 7	UEENEEE101A UEENEEE102A UETTDRIS52A	<input type="checkbox"/> 8	UEENEEE101A UEENEEE105A UETTDRIS52A	<input type="checkbox"/> 9	UEENEEE101A UEENEEE105A UETTDRIS52A
<input type="checkbox"/> 10	UEENEEE101A UETTDRIS52A	<input type="checkbox"/> 11	UEENEEE101A UETTDRIS52A	<input type="checkbox"/> 12	UETTDRIS52A UEENEEE101A UETTDREL11A
<input type="checkbox"/> 13	UEENEEE101A UETTDRIS52A	<input type="checkbox"/> 14	UEENEEE101A UEENEEE105A UETTDREL11A UETTDRIS52A	<input type="checkbox"/> 15	UEENEEE101A UETTDRIS52A

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	16	UEENEEE101A UETTDRLS52A	<input type="checkbox"/>	17	UEENEEE101A UEENEEE102A UETTDREL11A UETTDRLS52A	<input type="checkbox"/>	18	UEENEEE101A UETTDRLS52A
<input type="checkbox"/>	19	UEENEEE101A UETTDRLS52A						



Workplace Assessment

Solve Problems in Circuits

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Candidate:

Candidate: _____

Employer: _____

Date: _____

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Candidate:







Workplace Assessment Details

Candidate Name:	Employer:	
Assessor Name:	Date:	Time:
Work Location:		

Methods of assessment key:

-
- | | |
|----------------------------|----------------------------|
| WO = Workplace Observation | P = Portfolio |
| Q = Questioning | TPF = Third Party Feedback |
| SA = Structured Activities | RP = Review of Products |
-

The candidate will be assessed by one or more of the following methods:

-  workplace observation, whereby the assessor watches the candidate carry out a task as part of his or her normal work duties
-  questioning, whereby the assessor asks the candidate questions to determine his or her understanding of underpinning knowledge, in relation to relevant workplace activities
-  structured activities, whereby the assessor observes the candidate participate in a simulation, scenario or role play
-  portfolio, whereby the assessor collects evidence from the workplace, such as workplace documents, that demonstrate that the candidate has participated in relevant workplace activities
-  third party feedback, whereby the assessor conducts one or more interviews with the candidate's supervisor(s) and / or peers to gain information relating to the candidate's performance in the workplace
-  review of products, whereby the assessor reviews samples of work, completed by the candidate, in the workplace

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Candidate:

Assessment Elements

Employability skills				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
1	Candidate arrives at work on-time, with required tools, PPE and equipment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
Preparing to undertake work				
2	Candidate participates in and contributes to Job Safety Analysis (JSA)		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

3	Candidate has an understanding of safe work methods, work permits and associated procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Preparing to undertake work				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
4	Candidate identifies risks to the environment related to the work to be carried out		<input type="checkbox"/> Yes <input type="checkbox"/> No	
5	Candidate analyses and confirms work schedule / plans / drawings and procedures related to the work to be performed		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

6	Candidate selects tools, PPE and equipment appropriate to carry out the task		<input type="checkbox"/> Yes <input type="checkbox"/> No	
----------	--	--	--	--

Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
7	Candidate can draw on underpinning knowledge and skills to identify the cause of loss of supply		<input type="checkbox"/> Yes <input type="checkbox"/> No	
8	Candidate can verify that circuits are isolated and proved safe		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

9	Candidate can draw on underpinning knowledge and skills to solve circuit problems relevant to the workplace		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
10	Candidate can draw on underpinning knowledge and skills to develop circuits for a given specification relevant to the workplace		<input type="checkbox"/> Yes <input type="checkbox"/> No	
11	Candidate can perform tests to verify that circuits are safe / compliant		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

12	Candidate can identify conditions causing a circuit to be unsafe and give recommendations of how to make the circuit safe		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Carrying out work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
13	Candidate implements work practices to minimise waste, conserve energy, recycle materials and protect the environment		<input type="checkbox"/> Yes <input type="checkbox"/> No	
14	Candidate follows instructions and safe work methods/procedures at all times		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

15	Candidate confirms procedures to deal with non-routine events, provides suitable solutions and/or refers events to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	
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Carrying out work tasks

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
16	Candidate confirms procedures for reporting accidents and/or incidents to authorised personnel		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Completing work tasks

	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

17	Work area is cleaned and tools, equipment and materials are cleaned and stored		<input type="checkbox"/> Yes <input type="checkbox"/> No	
----	--	--	--	--

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:



Completing work tasks				
	Performance Element	Methods of Assessment	Successfully Demonstrated	Assessor Comments
18	Candidate notifies appropriate personnel of work completion according to established procedures		<input type="checkbox"/> Yes <input type="checkbox"/> No	
19	Candidate completes works completion records, report forms/data sheets accurately		<input type="checkbox"/> Yes <input type="checkbox"/> No	

END OF ASSESSMENT

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Candidate:

Assessor Comments

Assessment Outcome

<p>The evidence gathered demonstrates that the candidate can prepare for, carry out and complete work tasks autonomously, to requirements and time-frames typically expected in the industry, and at a level of competency that reflects his/her current stage through their training program:</p>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
--	------------------------------	-----------------------------

I have made the determination above, based on evidence collected by using a variety of assessment methods, as detailed above, utilised in the candidate's workplace:

Assessor: _____

Signature: _____ Date: _____

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Candidate:

Candidate Feedback (including gaps and improvement strategies if required)

Candidate Declaration

I have been informed of the assessment result, the reasons behind the determination and a strategy for improvement if necessary.

Candidate: _____

Signature: _____ Date: _____

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Competency Map & Checklist

The competency map below indicates which CSUs relate to each performance element of the assessment.

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	1	UEENEEE101A Employability Skills	<input type="checkbox"/>	2	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A	<input type="checkbox"/>	3	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A
<input type="checkbox"/>	4	UETTDREL11A	<input type="checkbox"/>	5	UEENEEE101A UEENEEE107A UEENEEE104A UEENEEG101A UEENEEG102A	<input type="checkbox"/>	6	UEENEEE101A UEENEEE102A UEENEEE104A UEENEEG101A UEENEEG102A
<input type="checkbox"/>	7	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A	<input type="checkbox"/>	8	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A	<input type="checkbox"/>	9	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A
<input type="checkbox"/>	10	UEENEEE101A UEENEEG101A UEENEEG102A	<input type="checkbox"/>	11	UEENEEE101A UEENEEG101A UEENEEG102A	<input type="checkbox"/>	12	UEENEEE101A UEENEEG101A UEENEEG102A

Workplace Assessment – Install & Maintain HV Paper Insulated Cables

Candidate:

Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)	Element		Competency Standard Unit (CSU)
<input type="checkbox"/>	13	UETTDREL11A	<input type="checkbox"/>	14	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A	<input type="checkbox"/>	15	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A
<input type="checkbox"/>	16	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A	<input type="checkbox"/>	17	UEENEEE101A UEENEEE102A UEENEEE104A UEENEEG101A UEENEEG102A UETTDREL11A	<input type="checkbox"/>	18	UEENEEE104A UEENEEG101A UEENEEG102A
<input type="checkbox"/>	19	UEENEEE101A UEENEEE104A UEENEEG101A UEENEEG102A						

Example Questions	
<p><u>Element 1</u></p> <ol style="list-style-type: none"> What PPE, tools and equipment have you brought to work today? What PPE, tools and equipment would be necessary to determine whether a circuit to be worked on is safe? <p><u>Element 2</u></p> <ol style="list-style-type: none"> Give a brief outline of your enterprise procedures for JSA / pre-work brief <p><u>Element 3</u></p> <ol style="list-style-type: none"> Explain what is meant by the ‘electrical safe work area’? Before any work is commenced what are you as a worker supposed to do? What is an electrical permit and when and why is it required? Who signs on to the electrical permit? <p><u>Element 4</u></p> <ol style="list-style-type: none"> What do you do if your machine breaks a hose? Who do you report spills too? Can you interfere with any flora and fauna? Describe your enterprise procedures relating to sustainable energy practices and protection of the environment 	<p><u>Element 5</u></p> <ol style="list-style-type: none"> What documentation is required to determine the scope of works? Where would we get these documents? If you’re not sure of something, who would you seek advice from? <p><u>Element 6</u></p> <ol style="list-style-type: none"> If you needed to determine the cause of a loss of supply to a track, what tools / equipment would you require? <p><u>Element 7</u></p> <ol style="list-style-type: none"> What could cause a loss of the alternating current supply to a substation Describe the function of a traction substation? What voltages supply a traction substation? <p><u>Element 8</u></p> <ol style="list-style-type: none"> Describe your enterprise procedures to verify that the section of the line you are working on is isolated? How would you know if the circuit was proved safe? <p><u>Element 9</u></p> <ol style="list-style-type: none"> Why are bag feeders used? Describe the purpose of potential jumpers

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Example Questions	
<p><u>Element 10</u></p> <ol style="list-style-type: none"> a. Describe the return path of a 1500 volt rail traction system b. List the procedure you must follow before you cut a rail? c. Explain how the 1500 volt circuit is completed <p><u>Element 11</u></p> <ol style="list-style-type: none"> a. What compliance testing is required to be carried out when the 1500 volt rail traction system is isolated? 	

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Candidate:

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