Cover Page Skills Test Student & Assessor Copy

Unit code	UEECO0023
Student Name	
Student ID	
Date	
	I have had time to practice before this assessment.
	I understand that this is assessment conducted under simulated work conditions at ETC workshop and facilities \Box
Student Declaration	I understand that this is assessment conducted to work standards including WHS legislation in NSW
	The Assessor has explained the tasks skills Instructions \Box
	I understand that this is a summative assessment. \Box
	I understand I must demonstrate the skills myself in the allocated time and answer questions.
	I am ready for assessment and sign here. \Box
Student	
Signature	

LEARNING INDUCTION/ORIENTATION RECORD RESULT and FEEDBACK		Assessor initials
	See results in the Leaning Induction/Orientation Record	
Result	checkpoints.	
	See the 'Learning Induction/Orientation Record Marking Guide'	

	Overall results for the unit Skills test (S) (NYS)		
Result (1 st attempt)	YES INO IDid student complete the tasks to satisfact attempt?	ory standa	ard at	1 st
, nd	YES \Box NO \Box Did student complete the gap tasks to satis 2 nd attempt?	sfactory st	andar	d at
Result (2 nd attempt)	Please note items that were assessed at 2 nd attempt –			
Feedback to student	Note feedback provided if NYS :	(0)		
	5	2		
Assessors Name				
Assessor's Signature	Date			
Assessor Comment:				
Student Declaration	I have received the results and feedback for this practical skills test assessment			
Student Signature			Date	

Key:	Satisfactory (<u>S)</u>	Not Yet Satisfactory (<u>NYS)</u>

Instructions to Student and marking guidance

- You will be allowed a duration of 6 hours & 30 minutes to complete Unit Skills Test
- All students are to follow clear 'Instructions to Students' set out at beginning of Unit Skills Test Task Sheet

- All Students will participate in a series of Topic skills tests set up and observed by the Assessor.
- These topic skills testswill be conducted under direct supervision at ETC premises.
- These exercises will be conducted by ETC customization of Learning Induction/Orientation

Record provided through Energy Space.

- The Assessor will refer to the 'Assessor Guide' and 'Unit Skills Test Marking Guide' for consistent marking and will give you feedback on your performance and responses. Reference to UAP may be undertaken for additional unit mapping.
- ETC sets down that all students must gain a SATISFACTORY mark for EVERY skill in the test to be marked satisfactory for the whole test.
- The SATISFACTORY mark used in this Learning Induction/Orientation Record is used with other assessments including the KNOWLEDGE TEST and evidence captured in E-PROFILING to make the final judgement of COMPETENT/ NOT YET COMPETENT
- Students who have not yet been deemed satisfactory for each checkpoint will have a second attempt on the checkpoints marked not satisfactory ONLY.

1	Do you understand how this assessment ties into the training?	Y	Ν
2	When/where the assessment going to take place and the conditions of the assessment?	Y	Ν
3	Are the WHS checks satisfactory and equipment ready for the assessment?	Y	Ν
4	Do you feel ready to do the assessment activity?	Y	Ν
5	Do you know that the assessment is not pass/fail? Do you know that ETC can re schedule your assessment if you are not ready? The Assessor may set another time for gap assessment or follow up with open questions if there is doubt about your responses or demonstration of skills and knowledge in this practical. We expect candidates to be successful at the second attempt.	Y	Ν
6	Do you know you can appeal the assessment decision if you think it is not fair?	Y	N
7	Do you have any special needs that we need to adjust for during this assessment?	Y	N

Candidate to answer the following questions (Yes or No)

If you ticked NO for anything above, from Q1-Q6 provide more information below.

If you feel not ready for the assessment, talk to the Assessor and do not go ahead.

This Unit Skills Test is $\ensuremath{\mathbb{C}}$ Energy Space. The user is authorised to modify but not on-sell any element.

When you are ready, please sign the cover page.

Learner Induction/Orientation Record

UEENEEC020B Participate in electrical work and competency development activities

Learner Name:	Learner ID:	
College/Campus:	Group/Class:	
Teacher/Trainer Name:	Date:	\mathbf{C}

Instructions to students

To complete the record, the learner should tick off that they have participated in each element of the program, as listed below. At each checkpoint, any evidence, such as associated Topic Skills Practices, should be indicated and the section should be signed-off by both the learner and teacher/trainer.

- Mobile phones and smart devices must be turned off and given to the assessor supervising your assessment. They will be placed in Electrical Trades College lockers and will be returned at the completion of all tasks. If students are caught using any mobile phones or smart devices they will receive an automatic FAIL and will be reported to training manager of ETC.
- You will be required to stand by at the completion of any checkpoint and wait for the assessor to mark your work when requested.
- Your assessor will guide you to each checkpoint. You will be directly supervised by the assessor for these task.
- You will be allowed two (2) attempts at each check point to demonstrate the task described.
- Whilst carrying out skills activities you must follow workplace procedures and ensure efficient/sustainable use of materials.

1. Learner Induction	Orientation Program			
1.1 Electrical Trades Co Electrotechnology Elec	ollege – Certificate III in trician Training Plan		Yes	No
	of Electrical Trades College Train	ing Plans.		
I have undertaken a LLN rea	adiness assessment.			
	tood the structure of the Certifica n regarding `New Entrant Course' g Course.'			
I have participated in the de	evelopment of my Training Plan.			
I have been informed of my Trades College Training Plar	responsibilities under my Electri n.	cal		
I understand and accept my responsibilities under my Enrolment which is stipulated in the Electrical Trades College Student Handbook.				
I have reviewed, understood Training Plan.	d and signed my Electrical Trades	s College		
Checkpoint 1.1 – Elect	rical Trades College Trainin	g Plan		
Evidence Attached: Topic 1.2 SkillsPractice Topic 1.11 SkillsPractice Previous Work Recognition Electrical Trades College Training Plan 				
Learner Signature: Date:				
Teacher/Trainer Signature: Date:				
Comments:				

Learner	Induction/Orientat	ion Re	cor	ď	
1.2 Electrotechnology	Industry			Yes	No
I have received information qualifications and career pa	explaining Electrotechnology Induths.	ustry areas,			
I have received information bodies and organizations.	explaining applicable Electrotech	nology Indu	stry		
I have received information policies and procedures.	explaining typical enterprise work	< activities			
Checkpoint 1.2 – Elect	rotechnology Industry				
Evidence Attached:	1.4 Electrotechnology Career Activity	Opportunit	ties-	Learniı	ıg
	1.5 Industry Customs and Pra	ctices – Le	earnii	ng Activ	vity
	3.1 Enterprise Work Activities Learning Activity	Policies a	nd Pı	ocedur	es –
Learner Signature:		Date:			
Teacher/Trainer Signature:		Date:			
Comments:					
1.3 Workplace Evidence	e			Yes	No
I have had the requirement for workplace evidence collection and monitoring explained to me.					
I have reviewed and understood my RTO's policies and procedures relating to workplace evidence.		ng			
I have been provided with/enrolled into an acceptable system of workplace evidence collection.					
Checkpoint 1.3 – Work	place Evidence				
	□ Topic 2.1 SkillsPractice				
Evidence Attached: Electrical Trades College Policies & Procedures Student Declaration					
Learner Signature:		Date:			

Learner Induction/Orientation Record					
1.4 RTO Orientation				Yes	No
I have been informed of my RTO's policies/procedures relating to training practices.			I		
I have been informed of my administration.	RTO's policies/procedures relati	ng to training	I		
I have been informed of my costs.	RTO's policies/procedures relati	ng to training	l		
I have been informed of my support services.	RTO's policies/procedures relati	ng to training	I		
I have been informed of my delivery.	RTO's policies/procedures relati	ng to training	l		
I have been informed of my assessment and RPL.	RTO's policies/procedures relati	ng to			
I have been informed of my disciplinary action.	RTO's policies/procedures relati	ng to			
I have been informed of my attendance.	RTO's policies/procedures relati	ng to			
I have been informed of my safety whilst on RTO premis	RTO's policies/procedures relati	ng to health a	and		
I have been instructed in my RTO's procedures to follow in the event of a fire.					
I have been instructed in my RTO's emergency evacuation procedures.					
I have participated in a simulated evacuation of my RTO's training centre.					
I have undertaken a tour of my RTO's facilities.					
Checkpoint 1.4 – RTO	Orientation				
	□ Topic 1.5 SkillsPractice	Topic 1.9) Skil	IsPractio	ce
E dan a Ana da d	Topic 1.6 SkillsPractice	Topic 1.1	L0 Sk	illsPract	ice
Evidence Attached:	Topic 1.7 SkillsPractice	Electrica	l Trad	des Colle	ege
	□ Topic 1.8 SkillsPractice	Policies 8 Declarati		cedures	Studen
Learner Signature:		Date:			
Teacher/Trainer Signature:		Date:			
Comments:					

Topic Skills Practice Cover Sheet

Unit Name:	UEECO0023 Participate in electrical work and competency development activities
Topic Title:	Competency Development Plans

Skill Practice Number:	1.2
Skill Practice Name:	Access Training Package Content

Student Name:	
Student ID:	
College/Campus:	ETC Revesby
Group:	

Results		
Planning:	Satisfactory YES/NO	
Carryout:	Satisfactory YES/NO	
Completion:	Satisfactory YES/NO	
Overall Results:	Satisfactory YES/NO	
Comments:		

Topic Skills Practice 1.2

UEECO0023 Participate in electrical work and competency development activities

Topic 1. Competency Development Plans

Skills Practice 1.2: Access Training Package Content

Task:

To use the internet to access the Electrotechnology Training Package, and locate information about the Certificate III in Electrotechnology Electrician or Certificate III in Electrical Fitting qualification and associated Competency Standard Units (CSUs).

Objectives:

At the completion of this skills practice, you should be able to:

- Use the internet to access Vocational Education and Training (VET) information.
- Locate the Electrotechnology Industry Training Package.
- Identify the core Competency Standard Units (CSUs) of the Certificate III in Electrotechnology Electrician or Certificate III in Electrical Fitting qualification.
- Identify suitable elective Competency Standard Units (CSUs) to satisfy the packaging rules of the Certificate III in Electrotechnology Electrician or Certificate III in Electrical Fitting qualification.

1. Planning the Skills Practice

1.1 Prepare to Use the Internet

1.1.1 Your task is to access the National Register of Vocational Education and Training (VET), in order to extract information regarding the course of training you are undertaking.

You will need to obtain the following items before you are able to carry out this skills practice:

- Access to a computer that is connected to the internet
- Pens/Pencils

2. Carrying Out the Skills Practice

2.1 Access Training Package Information

2.1.1 Open an internet browser on your computer and navigate to the following website:

www.training.gov.au

2.1.2 Select the 'National Register of VET' link, to be redirected to the appropriate web address.

2.1.3 Use the website search engine to locate the latest version of the Electrotechnology Training Package. Record details of the Training Package by completing the table below:

Electrotechnology Training Package		
Training Package Code	Current Release	Training Package Developer

2.1.4 Use the information on the Training Package page to identify the qualification in which you are enrolled (either the Certificate III in Electrotechnology Electrician or Certificate III in Electrical Fitting). Navigate to the current version of the qualification, and then record details of the qualification by completing the following table:

Electrotechnology Qualification		
Qualification Undertaken (tick)	Qualification Code	Current Release
 Certificate III in Electrotechnology Electrician Certificate III in Electrical Fitting 		

2.1.5 Identify the core units of competency that must be completed in order to attain the qualification, and record details in the following table:

	Qualification – Core Units		
Code	Name		
	Participate in electrical work and competency development activities		
	Provide cardiopulmonary resuscitation		
	Perform rescue from a live LV panel		
	Apply work health and safety regulations, codes and practices in the workplace		
	Document and apply measures to control WHS risks associated with electrotechnology work		
	Fabricate, assemble and dismantle utilities industry components		
	Fix and secure electrotechnology equipment		
	Use drawings, diagrams, schedules, standards, codes and specifications		
	Apply environmentally and sustainable procedures in the energy sector		
	Solve problems in single path circuits		
	Solve problems in multiple path circuits		
	Solve problems in direct current (d.c.) machines		
	Solve problems in magnetic and electromagnetic devices		
	Solve problems in low voltage a.c. circuits		
	Terminate cables, cords and accessories for low voltage circuits		
	Test and connect alternating current (a.c.) rotating machines		
	Test and connect transformers		
	Arrange circuits, control and protection for electrical installations		
	Identify, shut down and restart systems with alternate supplies		
	Install low voltage wiring, appliances, switchgear and associated accessories		
	Isolate, test and troubleshoot low voltage electrical circuits		
	Select wiring systems and select cables for low voltage electrical installations		
	Develop and connect electrical control circuits		
	Evaluate and modify low voltage heating equipment and controls		
	Evaluate and modify low voltage lighting circuits, equipment and controls		
	Evaluate and modify low voltage socket outlets circuits		
	Design, install and verify compliance and functionality of general electrical installations		

2.1.6 Identify a suitable combination of elective units of competency that could be completed in order to attain the qualification, in accordance with the Qualification Packaging Rules, and record details in the following table:

Qualification – Elective Units		
Code	Name	Weighting
	Install and maintain cabling for multiple access to telecommunication services	
	Assemble, mount and connect control gear and switchgear	
Total:		

Have your teacher/trainer check your work Feedback	
--	--

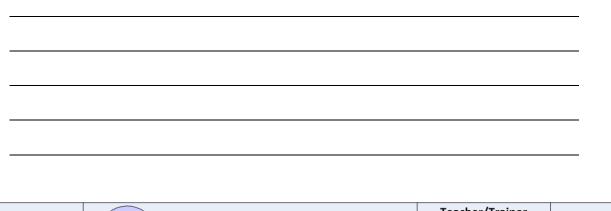
3. Completing the Skills Practice

3.1 Skills Practice Review Questions

- 3.1.1 Answer the following questions after you have successfully completed Section 2.
- 1. List six types of work performed by an electrician or electrical fitter (as applicable).

2. What is the number of nominal training hours associated with undertaking your qualification at your Registered Training Organisation (RTO)?

3. Explain when elective units are chosen, and what factors should be considered when selecting elective units.





Topic Skills Practice Cover Sheet

Unit Name:	UEECO0023 Participate in electrical work and competency development activities
Topic Title:	Competency Development Plans

Skill Practice Number:	1.5
Skill Practice Name:	RTO Operations and Procedures

Student Name:	
Student ID:	
College/Campus:	ETC Revesby
Group:	

Results		
Planning:	Satisfactory YES/NO	
Carryout:	Satisfactory YES/NO	
Completion:	Satisfactory YES/NO	
Overall Results:	Satisfactory YES/NO	
Comments:		

Topic Skills Practice 1.5

UEECO0023 Participate in electrical work and competency development activities

Topic 1. Competency Development Plans

Skills Practice 1.5: RTO Operations and Procedures

Task:

To identify and extract information from the policies and procedures of your nominated Registered Training Organisation (RTO), to gain an understanding of relevant RTO operations.

Objectives:

At the completion of this skills practice, you should be able to:

- Understand the RTO policies and procedures for standard operations applicable to training and assessment services.
- Identify the training practices employed at the RTO.
- Identify the administrative requirements and costs applicable to apprentice training and assessment at the RTO.
- Identify the support services that are available at the RTO.
- Identify the responsibilities of the learner in relation to undertaking training and assessment sessions at the RTO.
- Identify the responsibilities of teachers, trainers and assessors in relation to the delivery of training and assessment sessions at the RTO.
- Identify the off-job assessment requirements for the qualification at the RTO.
- Identify the policies and procedures that apply in the case that a learner is absent from an offjob assessment event at the RTO.
- Identify the RTO procedures to apply for a review of assessment outcomes.
- Identify the RTO procedures to apply for Recognition of Prior Learning (RPL).

Topic Skills Practice 1.5

1. Planning the Skills Practice

1.1 Obtain RTO Operational Policies and Procedures

1.1.1 Obtain and familiarise yourself with the policies and procedures of your Registered Training Organisation (RTO) that are applicable to the following issues:

- Training practices
- Administration and costs
- Support services
- Learner requirements and responsibilities
- Teacher, trainer and assessor requirements and responsibilities
- Assessment
- Recognition of Prior Learning (RPL)



2. Carrying Out the Skills Practice

2.1 Interpret RTO Operational Policies and Procedures

2.1.1 Answer the following questions to demonstrate that you have an understanding of the primary policies and student hand book to undertake your qualification at the Electrical Trades College

1. What are the fees associated with your training and assessment at ETC, and who is responsible for payment?

2. Briefly explain the process for obtaining any required learning resources (e.g. workbooks, textbooks, stationary etc.) at ETC.

Students may incur extra expenses

3. What types of training methods will be used by your RTO to impart the knowledge and skills in the applicable units of competency (UoC)?

Blended mode, (face to face /self-study)

4. What methods will be used by your RTO to collect the workplace evidence required by your qualification?

5. List the items that learners are typically required to bring to training and assessment sessions at ETC skills Centre.

6. What are the expectations and requirements for work submitted by learners at ETC?

7. What are the responsibilities of your teachers, trainers and assessors in relation to delivering training and assessment sessions at ETC skills centre?

8. What methods/types of assessments are learners required to undertake in order to

demonstrate achievement of qualification outcomes at ETC?

9. Briefly explain the procedure that a learner must follow in the case that they miss an assessment event.

10. What types of learner support services are available at ETC?

11. Briefly explain the process to apply for Recognition of Prior Learning (RPL) at ETC.

12. Briefly explain how to apply for a review of an assessment outcome at ETC.



3. Completing the Skills Practice

3.1 Skills Practice Review Questions

- 3.1.1 Answer the following question after you have successfully completed Section 2.
- 1. Who should you speak to if you don't understand an RTO policy or procedure, or if you have a question about any of the issues addressed in this skills practice?



Topic Skills Practice Cover Sheet

Unit Name:	UEECO0023 Participate in electrical work and competency development activities
Topic Title:	Competency Development Plans

Skill Practice Number:	1.6
Skill Practice Name:	RTO Discipline Policy

Student Name:	
Student ID:	
College/Campus:	ETC Revesby
Group:	

Results		
Planning:	Satisfactory YES/NO	
Carryout:	Satisfactory YES/NO	
Completion:	Satisfactory YES/NO	
Overall Results:	Satisfactory YES/NO	
Comments:		

Topic Skills Practice 1.6

UEECO0023 Participate in electrical work and competency development activities

Topic 1. Competency Development Plans

Skills Practice 1.6: RTO Discipline Policy

Task:

To identify and extract information from the discipline policies and procedures of your nominated Registered Training Organisation (RTO).

Objectives:

At the completion of this skills practice, you should be able to:

- Understand the RTO policies and procedures for discipline.
- Identify the rights of learners undertaking training and assessment sessions at the RTO.
- Identify the responsibilities of learners undertaking training and assessment sessions at the RTO.
- Identify the penalties that can apply to learners for breach of discipline at the RTO.

Topic Skills Practice 1.6

1. Planning the Skills Practice

1.1 Obtain RTO Discipline Policies and Procedures

1.1.1 Obtain and familiarise yourself with the discipline policies and associated procedures of your Registered Training Organisation (RTO).



2. Carrying Out the Skills Practice

2.1 Interpret RTO Discipline Policies and Procedures

2.1.1 Answer the following questions to demonstrate that you have an understanding of the discipline policies and procedures at ETC.

1. Briefly outline your rights as a learner under your RTO student hand book(e.g. to be treated fairly).



Topic Skills Practice 1.6

2. Briefly outline your responsibilities as a learner under ETC disciplinary policies and procedures (e.g. to treat others fairly).

3. What types of penalties can apply for a breach of discipline at ETC?

		Have your teacher/trainer check your work	Teacher/Trainer Initials and Date	1
2	Feedback			

Topic Skills Practice 1.6

3. Completing the Skills Practice

3.1 Skills Practice Review Questions

- 3.1.1 Answer the following questions after you have successfully completed Section 2.
- 4. Who should you speak to if you don't understand the RTO disciplinary policies, or if you have a question about any of the issues addressed in this skills practice?



Topic Skills Practice Cover Sheet

Unit Name:	UEECO0023 Participate in electrical work and competency development activities
Topic Title:	Competency Development Plans

Skill Practice Number:	1.7
Skill Practice Name:	RTO Attendance Documentation

Student Name:	
Student ID:	
College/Campus:	ETC Revesby
Group:	

Results		
Planning:	Satisfactory YES/NO	
Carryout:	Satisfactory YES/NO	
Completion:	Satisfactory YES/NO	
Overall Results:	Satisfactory YES/NO	
Comments:		

Topic Skills Practice 1.7

UEECO0023 Participate in electrical work and competency development activities

Topic 1. Competency Development Plans

Skills Practice 1.7: RTO Attendance Documentation

Task:

To complete the enterprise documentation of your Registered Training Organisation (RTO) related to attendance at off-job training and assessment sessions.

Objectives:

At the completion of this skills practice, you should be able to:

- Understand your RTO policies and procedures relating to attendance at training and assessment sessions.
- Complete RTO documentation applicable to attendance at training and assessment sessions.
- Complete RTO documentation applicable to late arrival at training and assessment sessions.
- Complete RTO documentation applicable to early departure from training and assessment sessions.
- Complete RTO documentation applicable to absence from training and assessment sessions.
- Identify the importance of attending off-job training and assessment sessions.

Topic Skills Practice 1.7

1. Planning the Skills Practice

1.1 RTO Policies and Procedures

1.1.1 Obtain and familiarise yourself with the policies and procedures applicable to attendance at your Registered Training Organisation (RTO).

1.1.2 Obtain the following items before continuing to carry out this skills practice:

- RTO forms applicable to attendance at training and assessment sessions
- RTO forms applicable to absence from training and assessment sessions
- RTO forms applicable to late arrival at training and assessment sessions
- RTO forms applicable to early departure from training and assessment sessions
- Pens/Pencils

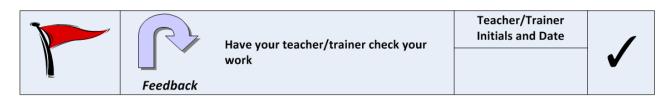
2. Carrying Out the Skills Practice

2.1 Complete RTO Documentation

2.1.1 Identify the RTO procedures that need to be followed in each of the following scenarios, and record details in the table.

Scenario	Applicable RTO Forms	Submitted To:
Arriving to a training session on-time and attending for the duration of the session		
Arriving late to a training session due to sleeping through your alarm		
Leaving early from a training session to attend a medical appointment		
Being absent from an assessment session		

2.1.2 Fill out each of the RTO forms to suit each attendance scenario.



Topic Skills Practice 1.7

3. Completing the Skills Practice

3.1 Skills Practice Review Questions

- 3.1.1 Answer the following questions after you have successfully completed Section 2.
- 1. Explain why it is important to attend training sessions at ETC.

2. Explain why it is important to attend assessment sessions at ETC.

3. Explain the circumstances under which your RTO will notify your employer in relation to your attendance at training and assessment sessions.

Topic Skills Practice Cover Sheet

Unit Name:	UEECO0023 Participate in electrical work and competency development activities
Topic Title:	Competency Development Plans

Skill Practice Number:	1.8
Skill Practice Name:	Simulated Emergency Evacuation

Student Name:	
Student ID:	
College/Campus:	ETC Revesby
Group:	

Results		
Planning:	Satisfactory YES/NO	
Carryout:	Satisfactory YES/NO	
Completion:	Satisfactory YES/NO	
Overall Results:	Satisfactory YES/NO	
Comments:		

Topic Skills Practice 1.8

UEECO0023 Participate in electrical work and competency development activities

Topic 1. Competency Development Plans

Skills Practice 1.8: Simulated Emergency Evacuation

Task:

To undertake a simulated emergency evacuation of your Registered Training Organisation (RTO) in accordance with RTO policies and procedures.

Objectives:

At the completion of this skills practice, you should be able to:

- Understand your RTO policies and procedures for emergency evacuations.
- Identify the fire and emergency escape paths and exits in your RTO.
- Follow your RTO policies and procedures for emergency evacuations.

Topic Skills Practice 1.8

1. Planning the Skills Practice

1.1 RTO Policies and Procedures

1.1.1 Obtain and familiarise yourself with the policies and procedures applicable to emergency evacuations at your Registered Training Organisation (RTO).



2. Carrying Out the Skills Practice

2.1 Follow Emergency Evacuation Procedures

2.1.1 Participate in a simulated emergency evacuation of the RTO in accordance with applicable policies and procedures.

	Feedback	Have your teacher/trainer verify your participation.	Teacher/Trainer Initials and Date	1	
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3. Completing the Skills Practice

3.1 Skills Practice Review Questions

3.1.1 Answer the following questions after you have successfully completed Section 2.

1. Describe your ETC procedures that should be followed in the event of a fire..

Topic Skills Practice 1.8

- 2. Describe the location of the assembly point at ETC premises.
- 3. Explain why it is important to assemble and remain at the assembly point in the event of a fire.



Topic Skills Practice Cover Sheet

Unit Name:	UEECO0023 Participate in electrical work and competency development activities
Topic Title:	Competency Development Plans

Skill Practice Number:	1.9
Skill Practice Name:	RTO Health and Safety Policies and Procedures

Student Name:	
Student ID:	
College/Campus:	ETC Revesby
Group:	

Results
Satisfactory YES/NO
Satisfactory YES/NO
Satisfactory YES/NO
Satisfactory YES/NO

Topic Skills Practice 1.9

UEECO0023 Participate in electrical work and competency development activities

Topic 1. Competency Development Plans

Skills Practice 1.9: RTO Health and Safety Policies and Procedures

Task:

To identify and extract information from the health and safety policies and procedures of your nominated Registered Training Organisation (RTO).

Objectives:

At the completion of this skills practice, you should be able to:

- Understand the RTO policies and procedures for health and safety.
- Identify the dress code for learners attending electrotechnology training and assessment sessions at the RTO.
- Identify the locations where eye protection must be worn whilst on RTO premises.
- Identify the acceptable footwear that must be worn by learners attending electrotechnology training and assessment sessions at the RTO.
- Identify the precautions required for long hair and beards for learners attending electrotechnology training and assessment sessions at the RTO.
- Identify the precautions required when in proximity to rotating machinery at the RTO.
- Identify the RTO policies and procedures relating to mobile phones on RTO premises.
- Identify the RTO policies and procedures relating to personal belongings on RTO premises.
- Identify the RTO policies and procedures relating to personal injuries occurring on RTO premises.

1. Planning the Skills Practice

1.1 Obtain RTO Health and Safety Policies and Procedures

1.1.1 Obtain and familiarise yourself with the health and safety policies and associated procedures of your Registered Training Organisation (RTO).

	Feedback	Have your teacher/trainer verify your participation.	Teacher/Trainer Initials and Date	1
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Topic Skills Practice 1.9

2. Carrying Out the Skills Practice

2.1 Interpret RTO Health and Safety Policies and Procedures

2.1.1 Answer the following questions to demonstrate that you have an understanding of the health and safety policies and procedures at ETC.

1. Describe the occupational clothing required to be worn whilst attending electrotechnology training and assessment sessions at ETC skills centre.

2. List the locations where learners are required to wear steel-capped boots whilst undertaking electrotechnology training and assessment at ETC skills centre.

- 3. List the locations where learners are required to wear eye protection whilst undertaking electrotechnology training and assessment at ETC skills centre.
- 4. Explain the safety precautions required for long hair and beards whilst undertaking electrotechnology training and assessment at ETC skills centre, and explain where these precautions are necessary.

Topic Skills Practice 1.9

5. Explain the safety precautions required when in proximity to rotating machines whilst undertaking electrotechnology training and assessment at ETC skills centre.

6. Briefly describe the procedure for dealing with minor/serious injuries that occur at the RTO skills centre.

7. What is the RTO policy on mobile phone use whilst undertaking electrotechnology training and assessment at ETC skills centre?

8. Explain who is responsible for the personal belongings of learners whilst undertaking electrotechnology training and assessment at ETC skills centre.

Topic Skills Practice 1.9				
	Feedback	Have your teacher/trainer check your work	Teacher/Trainer Initials and Date	

3. Completing the Skills Practice

3.1 Skills Practice Review Questions

3.1.1 Answer the following questions after you have successfully completed Section 2.

1. Who should you speak to if you don't understand the RTO health and safety policies, or if you have a question about any of the issues addressed in this skills practice?



Topic Skills Practice Cover Sheet

Unit Name: UEECO0023 Participate in electrical work and competency development activities	
Topic Title: Competency Development Plans	

Skill Practice Number:	1.10
Skill Practice Name:	Training Centre Tour

Student Name:	
Student ID:	
College/Campus:	ETC Revesby
Group:	

	Results
Planning:	Satisfactory YES/NO
Carryout:	Satisfactory YES/NO
Completion:	Satisfactory YES/NO
Overall Results:	Satisfactory YES/NO
Comments:	

Topic Skills Practice 1.10

UEECO0023 Participate in electrical work and competency development activities

Topic 1. Competency Development Plans

Skills Practice 1.10: Training Centre Tour

Task:

To undertake a tour of your Registered Training Organisation (RTO).

Objectives:

At the completion of this skills practice, you should be able to:

- Identify the locations of the following facilities at ETC:
 - Classrooms
 - Laboratory rooms
 - o Electrical installation facilities
 - o Workshop
 - Store rooms
 - Washrooms
 - o Toilets
 - Learner meal room
 - o Head Teacher / Teacher offices
 - o Administration area
 - Car parking
 - Evacuation meeting point

1. Planning the Skills Practice

1.1 Prepare to Undertake RTO Tour

1.1.1 Organise with your teacher/trainer, to be given a tour of your RTO facilities. Make sure you have your checklist (below) and a pen/pencil prior to commencing the tour.

2.1 Undertake RTO Tour

2.1.1 When your teacher/trainer/guide is ready, undertake a tour of your RTO premises in accordance with applicable policies and procedures.

Topic Skills Practice 1.10

As you move through the premises, use the following checklist to indicate that you have understood the locations of the various facilities.

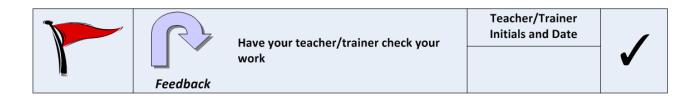
RTO Facilities Checklist		
Classrooms	Learner meal room	
Laboratory rooms	Head Teacher office	
Electrical installation facilities	Teacher / Trainer offices	
Workshop	Administration area	
Washrooms	□ Store rooms	
□ Toilets	Car parking	
	Evacuation meeting point	
	Teacher/Trainer	

		Have your teacher/trainer verify your participation.	Teacher/Trainer Initials and Date	\checkmark
12	Feedback			

3. Completing the Skills Practice

3.1 Skills Practice Review Questions

- 3.1.1 Answer the following question after you have successfully completed Section 2.
- 9. Draw the basic layout of your Registered Training Organisation (RTO) premises in the space provided on this page. Indicate the facilities locations, as listed in the Section 2 checklist, on your diagram.



Topic Skills Practice Cover Sheet

Unit Name:	UEECO0023 Participate in electrical work and competency development activities
Topic Title:	Monitoring Competency Development

Skill Practice Number:	2.2
Skill Practice Name:	Complete Workplace Evidence Records

Student Name:	
Student ID:	
College/Campus:	ETC Revesby
Group:	

Results			
Planning:	Satisfactory YES/NO		
Carryout:	Satisfactory YES/NO		
Completion:	Satisfactory YES/NO		
Overall Results:	Satisfactory YES/NO		
Comments:			

Topic Skills Practice 2.2

UEECO0023 Participate in electrical work and competency development activities

Topic 2. Monitoring Competency Development

Skills Practice 2.2: Complete Workplace Evidence Records

Task:

To document work activities in pseudo workplace experience records, and interpret pseudo workplace profiling reports.

Note: this activity may be undertaken as a group activity/discussion

Objectives:

At the completion of this skills practice, you should be able to:

- Complete workplace profiling records to indicate work tasks undertaken.
- Complete workplace profiling records to indicate the range of equipment on which the work was undertaken.
- Complete workplace profiling records to indicate the degree of participation in work tasks.
- Complete workplace profiling records to indicate the levels of support and supervision received.
- Review and interpret workplace profiling reports

1. Planning the Skills Practice

1.1 Research Workplace Profiling Methods

1.1.1 Research methods of recording workplace experience by the use of electronic profiling systems, including how to complete profiling cards, requirements for verification and submission, and interpretation of profiling reports.

The following website will provide some useful information:

- <u>https://www.exemplarlearning.com.au/eprofiling</u>
- <u>https://exemplarsystems.com.au/</u>

1.1.2 Once you feel you have sufficient knowledge of the subject matter, obtain the following materials to assist you with carrying out this skills practice:

• Pens/pencils

Topic Skills Practice 2.2

2. Carrying Out the Skills Practice

2.1 Complete Pseudo-Work Experience Records 1

2.1.1 Review the following apprentice work diary entry.

Work Diary - Week 12 Shopping centre installation job, working with Joe the electrician

Monday (7 am - 3:30 pm) Helped Joe hang fluorescent light fittings from the ceiling using jack chain - worked from a scissor lift.

Tuesday (7 am - 5 pm) Helped Joe install PVC conduits on the ceiling and down walls - worked from a scissor lift.

Wednesday (8 am - 5:30 pm) Attended off-job training - learnt about electrical drawings and electromagnetism.

Thursday (7 am - 5 pm)

Set up cable roller and drums of building wire. Fed cables off the drums whilst Joe pulled them through conduits.

Friday (7 am – 3:30 pm) Set up cable roller and drums of building wire. Fed cables off the drums whilst Joe pulled them through conduits.

Saturday (7 am - 12 pm) Terminated building wire into fluorescent light fittings and light switches.

Topic Skills Practice 2.2

2.1.2 Identify which work areas the apprentice has gained experience in throughout the week, and indicate by ticking the relevant boxes below:

- □ Terminate LV Cables and Conductors
- □ Install / Fabricate LV Wiring Systems and Supports
- Install LV Appliances and Accessories
- Maintain / Repair LV Circuits and Equipment
- Test / Verify LV Circuits and Equipment

2.1.3 Identify the elements of performance that the apprentice demonstrated throughout the week, and indicate by ticking the relevant boxes below:

 Plan
 Carry Out

 □ Hazard / risk assessment
 □ Measure and mark out

 □ Interpret drawings / documentation
 □ Follow safe work procedures

 □ Select wiring / equipment
 □ Environmental / sustainable practices

 □ Obtain tools / materials
 □ Deal with unplanned events

Complete

- □ Clean up / store materials
- □ Update drawings / documentation
- Notify supervisor
- □ Report / respond to workplace incident

2.1.4 Identify the level(s) of supervision/support that the apprentice received throughout the week, and indicate by ticking the relevant boxes below:

Direct / Constant
 General / Intermittent
 Broad / Minimal

2.1.5 Identify the range of equipment that the apprentice has gained experience in throughout the week, and indicate by ticking the relevant boxes on the following page:

Topic Skills Practice 2.2

Cables

- $\hfill\square$ Flat sheathed (TPS)
- □ Circular sheathed (TPS)
- □ Fire performance
- \square Screened
- \square Armoured
- $\hfill\square$ TPI building wire

Equipment

- □ Light fitting
- □ Smoke and fire detector
- □ Cooking appliance
- □ Water heater / heat pump
- $\hfill\square$ Socket outlet
- Switchboard
- Control switch
- □ Protection device
- Motor
- □ Transformer
- □ Solar array

Supports / Enclosures

- Cable tray / ladder
- Catenary support
- □ Duct / trunking
- □ Metallic conduit
- □ Non-metallic conduit
- □ Unenclosed support (e.g. clips, ties)

Fixing

- \Box Hollow wall
- \Box Brick wall
- Concrete wall
- □ Metal fixing
- \square Adhesive

Identify Fault

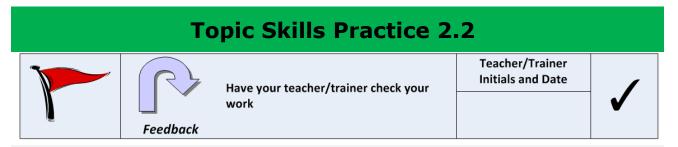
- Open circuit
- □ Short circuit
- Insulation failure
- □ Incorrect connections
- Component failure
- Mechanical failure
- Unsafe condition

Testing

- □ Safe isolation / lock out tag out
- □ Resistance / continuity
- Insulation resistance
- □ Polarity
- Load current
- U Voltage

Repair Faults

- Dismantle / assemble
- Repair components
- □ Replace components



2.2 Complete Pseudo-Work Experience Records 2

2.2.1 Review the following apprentice work diary entry.

Work Diary - Week 27

Service jobs, various locations, working with Bill the electrician

Monday (7 am - 3:30 pm)

Helped Bill test and fix fluorescent light fittings in a data centre - some needed new starters, some needed new tubes, and one needed a new ballast. Went to the wholesaler with Bill to get parts. Also replaced a faulty socket-outlet.

Tuesday (7 am - 3:30 pm)

Helped Bill disconnect and test a three phase motor in a factory. The motor had a low insulation resistance, so replaced the motor with a new motor from the store. Also replaced a faulty circuit breaker in a distribution board.

Wednesday (8 am - 5:30 pm) Attended off-job training - learnt about terminating cables and sustainability.

Thursday (7 am - 3:30 pm)

Helped Bill test and repair a deep fryer and some 12 V downlights in a fast food restaurant. Needed to replace heating element, globes and transformers. Also ran a data cable through the ceiling and down the wall in PVC duct to where a new ATM was going to be installed.

Friday (7 am - 3:30 pm)

Helped Bill add a new socket-outlet to a circuit in an office – pulled cable through walls and roof space, Bill turned off the power, I terminated cables and tested with a megga and multimeter, Bill checked my readings then turned on the power and tested with test lamps.

Repaired a broken conduit and cable in the building carpark.

Topic Skills Practice 2.2

2.2.2 Identify which work areas the apprentice has gained experience in throughout the week, and indicate by ticking the relevant boxes below:

- □ Terminate LV Cables and Conductors
- Install / Fabricate LV Wiring Systems and Supports
- Install LV Appliances and Accessories
- D Maintain / Repair LV Circuits and Equipment
- □ Test / Verify LV Circuits and Equipment

2.2.3 Identify the elements of performance that the apprentice demonstrated throughout the week, and indicate by ticking the relevant boxes below:

Plan

- □ Hazard / risk assessment
- $\hfill\square$ Interpret drawings / documentation
- $\hfill\square$ Select wiring / equipment
- $\hfill\square$ Obtain tools / materials

Carry Out

- □ Measure and mark out
- □ Follow safe work procedures
- □ Environmental / sustainable practices
- $\hfill\square$ Deal with unplanned events

Complete

- □ Clean up / store materials
- □ Update drawings / documentation
- Notify supervisor
- □ Report / respond to workplace incident

2.2.4 Identify the level(s) of supervision/support that the apprentice received throughout the week, and indicate by ticking the relevant boxes below:

- Direct / Constant
- □ General / Intermittent
- Broad / Minimal

Topic Skills Practice 2.2

2.2.5 Identify the range of equipment that the apprentice has gained experience in throughout the week, and indicate by ticking the relevant boxes on the following page:

Cables

- □ Flat sheathed (TPS)
- □ Circular sheathed (TPS)
- □ Fire performance
- □ Screened
- □ Armoured
- 🗆 Data

Equipment

- □ Light fitting
- □ Smoke and fire detector
- □ Cooking appliance
- □ Water heater / heat pump
- □ Socket outlet
- □ Switchboard
- □ Control switch
- □ Protection device
- □ Motor
- □ Transformer
- □ Solar array

Testing

- □ Safe isolation / lock out tag out
- □ Resistance / continuity
- □ Insulation resistance
- □ Polarity
- □ Load current
- Voltage

Supports / Enclosures

- □ Cable tray / ladder
- □ Catenary support
- □ Duct / trunking
- □ Metallic conduit
- Non-metallic conduit
- □ Unenclosed support (e.g. clips, ties)

Fixing

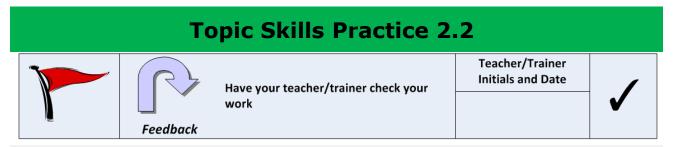
- □ Hollow wall
- □ Brick wall
- □ Concrete wall
- □ Metal fixing
- □ Adhesive

Identify Fault

- Open circuit
- □ Short circuit
- □ Insulation failure
- Incorrect connections
- □ Component failure
- □ Mechanical failure
- □ Unsafe condition

Repair Faults

- □ Dismantle / assemble
- □ Repair components
- □ Replace components



2.3 Complete Pseudo-Work Experience Records 3

2.3.1 Review the following apprentice work diary entry.

Work Diary - Week 42

Unit block installation job, working with Bob the electrician

Monday (7 am - 3:30 pm)

Roughed in TPS cables with another apprentice for lighting and power circuits in a 3 bedroom unit. Bob gave us the electrical floor plans to work from, and came to check our work from time to time.

Tuesday (7 am - 3:30 pm)

Bob and I fitted off socket-outlets, data outlets, batten holders and light switches in some 2 bedroom units.

Wednesday (8 am - 5:30 pm) Attended off-job training - learnt about single phase motors and a.c. theory.

Thursday (7 am - 3:30 pm)

Another apprentice and I installed some cable tray and some PVC conduit in the underground carpark. Bob gave us the plans and helped us mark out the first part, then he went and worked on the carpark distribution board. He checked on us from time to time, and helped us with some of the conduit bends.

Friday (7 am - 3:30 pm)

Bob and I tested the lighting and power circuits in a number of units for earth continuity, insulation resistance, polarity and correct connections. We had to re-terminate some socket-outlets that had been connected with incorrect polarity, and correct the wiring of one lighting circuit that had incorrect switching connections.

Topic Skills Practice 2.2

2.3.2 Identify which work areas the apprentice has gained experience in throughout the week, and indicate by ticking the relevant boxes below:

- □ Terminate LV Cables and Conductors
- Install / Fabricate LV Wiring Systems and Supports
- Install LV Appliances and Accessories
- D Maintain / Repair LV Circuits and Equipment
- □ Test / Verify LV Circuits and Equipment

2.3.3 Identify the elements of performance that the apprentice demonstrated throughout the week, and indicate by ticking the relevant boxes below:

Plan

- Carr
- □ Hazard / risk assessment
- $\hfill\square$ Interpret drawings / documentation
- $\hfill\square$ Select wiring / equipment
- $\hfill\square$ Obtain tools / materials

Carry Out

- □ Measure and mark out
- □ Follow safe work procedures
- □ Environmental / sustainable practices
- $\hfill\square$ Deal with unplanned events

Complete

- □ Clean up / store materials
- □ Update drawings / documentation
- □ Notify supervisor
- □ Report / respond to workplace incident

2.3.4 Identify the level(s) of supervision/support that the apprentice received throughout the week, and indicate by ticking the relevant boxes below:

- □ Direct / Constant
- □ General / Intermittent
- Broad / Minimal

Topic Skills Practice 2.2

2.3.5 Identify the range of equipment that the apprentice has gained experience in throughout the week, and indicate by ticking the relevant boxes on the following page:

Cables

- □ Flat sheathed (TPS)
- □ Circular sheathed (TPS)
- □ Fire performance
- □ Screened
- □ Armoured
- 🗆 Data

Equipment

- □ Light fitting
- □ Smoke and fire detector
- □ Cooking appliance
- □ Water heater / heat pump
- □ Socket outlet
- □ Switchboard
- □ Control switch
- □ Protection device
- □ Motor
- □ Transformer
- □ Solar array

Testing

- □ Safe isolation / lock out tag out
- □ Resistance / continuity
- □ Insulation resistance
- □ Polarity
- □ Load current
- Voltage

Supports / Enclosures

- □ Cable tray / ladder
- □ Catenary support
- □ Duct / trunking
- □ Metallic conduit
- Non-metallic conduit
- □ Unenclosed support (e.g. clips, ties)

Fixing

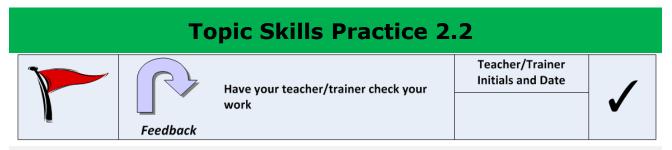
- □ Hollow wall
- □ Brick wall
- □ Concrete wall
- □ Metal fixing
- □ Adhesive

Identify Fault

- Open circuit
- □ Short circuit
- □ Insulation failure
- □ Incorrect connections
- Component failure
- □ Mechanical failure
- Unsafe condition

Repair Faults

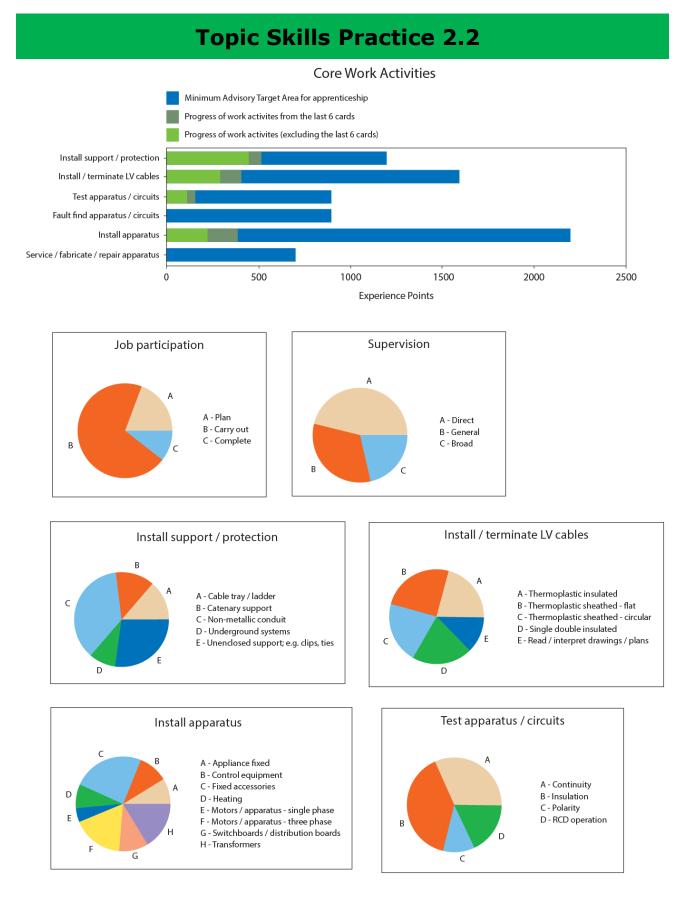
- □ Dismantle / assemble
- □ Repair components
- □ Replace components



2.4 Interpret Pseudo-Profiling Reports

2.4.1 Examine the data excerpt from the pseudo-profiling report below, and then answer the questions

regarding the student's on-the-job progress.



Topic Skills Practice 2.2

- 1. What type of work activity has the apprentice gained the most experience with overall?
- 2. Assuming the report is up to date, what type of work activity has the apprentice gained the most experience with over the last 6 weeks?
- 3. What type of supervision has the apprentice been working under for the majority of his apprenticeship so far?
- 4. How many different types of cables has the apprentice installed or terminated so far?
- 5. Which two electrical tests does the apprentice have the most experience with?
- 6. Has the apprentice had more experience installing single phase or three phase motors?
- 7. In which core work areas has the apprentice gained little or no experience?



Topic Skills Practice 2.2

3. Completing the Skills Practice

3.1 Skills Practice Review Questions

- 3.1.1 Answer the following questions after you have successfully completed Section 2.
- 1. List four different methods of gathering workplace evidence.

2. Who is responsible for collecting workplace evidence?

3. Who is responsible for signing off that workplace evidence is accurate?

4. List the types of information that needs to be indicated in workplace evidence in order to adequately address unit requirements. See Topic 2.1 LMS Energy space

Topic Skills Practice 2.2

5. What are the responsibilities of the Registered Training Organisation (RTO) in relation to workplace evidence? See Topic 2.2 LMS Energy space

6. Explain what is meant by 'direct/constant' supervision/support. See Topic 2.1 LMS Energy space

7. Explain some typical strategies that can be used to address the problem of an apprentice having narrow/limited exposure to core work activities.? See Topic 2.2 LMS Energy space

Topic Skills Practice Cover Sheet

Unit Name:	UEECO0023 Participate in electrical work and competency development activities
Topic Title:	Enterprise Policies and Procedures

Skill Practice Number:	3.1
Skill Practice Name:	Follow Enterprise Policies and Procedures

Student Name:	
Student ID:	
College/Campus:	ETC Revesby
Group:	

Results				
Planning:	Satisfactory YES/NO			
Carryout:	Satisfactory YES/NO			
Completion:	Satisfactory YES/NO			
Overall Results:	Satisfactory YES/NO			
Comments:				

Topic Skills Practice 3.1

UEECO0023 Participate in electrical work and competency development activities

Topic 3. Enterprise Policies and Procedures

Skills Practice 3.1: Follow Enterprise Policies and Procedures

Task:

To follow enterprise policies and procedures in your workplace and provide examples of how you have followed these policies and procedures while undertaking electrotechnology work.

Objectives:

At the completion of this skills practice, you should be able to:

- Identify key enterprise policies and procedures applicable to your workplace.
- Follow enterprise policies and procedures in the workplace.
- Document how enterprise policies and procedures impact the way that you conduct yourself in the workplace.

1. Planning the Skills Practice

1.1 Research your Enterprise Policies and Procedures

1.1.1 Obtain and familiarise yourself with your enterprise policies and procedures that are applicable to your work activities, including those addressing the following areas:

- Health and safety
- Anti-discrimination
- Quality and continuous improvement
- Personal conduct and presentation
- Drugs and alcohol
- Customer relations and conflict resolution
- Disciplinary action
- Supervision and competency development
- Hours of work and leave

When you feel you have a sufficient understanding of your enterprise policies and procedures, obtain the following items to carry out this skills practice:

Pens/Pencils

Topic Skills Practice 3.1

2. Carrying Out the Skills Practice

2.1 Follow Enterprise Policies and Procedures in the Workplace

2.1.1 You are required to provide three accounts, describing how you have followed enterprise policies and procedures, on separate occasions in the workplace.

Complete the applicable fields in the templates on the following three pages to list the applicable policies and procedures used in your organisation, and to describe how you followed the applicable policies and procedures in each case.

You will need to have your employer/supervisor sign-off to verify the accuracy of each account.

Follow Enterprise Policies and Procedures – Example 1					
Ente	erprise Policy:				
Associated	Procedure(s):				
	Employer:			Work Date:	
	Work Site:				
-	In the following space, describe the work undertaken and explain how you followed the applicable policy and procedures of your organisation:				
Supervisor Verification					
Name:			Position:		
Signed:			Date:		

Topic Skills Practice 3.1

Follow Enterprise Policies and Procedures – Example 2					
Ente	erprise Policy:				
Associated	Procedure(s):				
	Employer:			Work Date:	
	Work Site:				
		ibe the work undertake ures of your organisatio		now you follow	ed the
Name:		Supervisor Vei	Position:		
Signed:			Date:		

Topic Skills Practice 3.1

Follow Enterprise Policies and Procedures – Example 3					
Ente	erprise Policy:				
Associated	Procedure(s):				
	Employer:			Work Date:	
	Work Site:				
		ibe the work undertake ures of your organisatio		now you follow	ed the
Supervisor Verification					
Name:			Position:		
Signed:			Date:		

Topic Skills Practice 3.1

3. Completing the Skills Practice

3.1 Skills Practice Review Questions

- 3.1.1 Answer the following questions after you have successfully completed Section 2.
- 1. Explain the purpose of enterprise policies. See Topic 3.1 LMS Energy space

2. Explain the purpose of enterprise procedures. See Topic 3.1 LMS Energy space

3. Explain how your enterprise policies and procedures help to improve health and safety in the workplace. See Topic 3.1 LMS Energy space

Topic Skills Practice 3.1

4. Explain how your enterprise policies and procedures ensure equality and fairness in the workplace. See Topic 3.1 LMS Energy space

5. Describe your enterprise policies and procedures relating to clothing and presentation at work. See Topic 3.1 LMS Energy space

6. Describe your enterprise policies and procedures relating to personal conduct in the workplace. See Topic 3.1 LMS Energy space

