



ASSESSMENT MATERIAL

EVIDENCE GUIDE

Qualification code:

LEN0101.v1

Level: 1

Credit: 40

Version: 1

Apply Building Electrician (Helper) skills for solar PV systems

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1. Assessment Summary and Record
2. Candidate Assessment
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4. List of required tools/ equipment's, material and context of assessment

ASSESSMENT AND ASSESSOR DETAILS

Competent

☐

Not Yet Competent

☐

Assessment

☐

Re-Assessment

☐

Assessor Name:

Assessor Code

Assessor Signature

Date

DD	MM							YYYY	

CANDIDATE DETAILS

Candidate Name:

First Name

Last Name

Father Name

Institute Name and District

CNIC #

OR

Registration Number:

Gender

Male

☐

Female

☐

Candidate Consent

I agree to the time and date of the assessment and am aware of the requirements of the assessment. I fully understand my rights of appeal.

Candidate Signature:

ASSESSMENT RESULTS SUMMARY FORM

You can use this coversheet as an *Assessment Results Summary Form*. Simply post a photocopy of this completed coversheet to **NAVTTTC**

NAVTTTC OFFICE ONLY

1. DATE FORM RECEIVED:

DD	MM							YYYY	

2. DATE ENTERED INTO DATABASE:

DD	MM							YYYY	

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ASSESSMENT SUMMARY AND RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	PORTFOLIO	OBSERVATION	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF: APPLY BUILDING ELECTRICIAN (HELPER) SKILLS FOR SOLAR PV SYSTEMS	COMPETENT	NOT YET COMPETENT
Practical final project				✓	Final project brief related to the Building Electrician (Helper) skills for solar PV systems: - Wear and use personal protective equipment for building electrical wiring. - Collect data and information for install wiring of client (assessor/trainee may like as a client). - Perform Role play against electric shock in building wiring. - Identify different electrical safety signs for building wiring as per annex 1 - Select tools and equipment for preventive maintenance as per annex 2		
Knowledge assessment	✓	✓			Answer all questions Assessment Panel will have following oral presentation of completed final project brief		
Other requirements				✓	- All completed course assignments and projects, and formative assessments - Oral presentation of final project to assessment panel - Completed plan for career options related to a Building Electrician		

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CANDIDATE ASSESSMENT

Candidate Name..... Father Name

ALL WORK ASSESSED FOR THESE COMPETENCY STANDARDS MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to:

- Wear and use personal protective equipment for building electrical wiring.
- Collect data and information for install wiring of client (assessor/trainee may like as a client).
- Perform Role play against electric shock in building wiring.
- Identify different electrical safety signs for building wiring as per annex 1
- Select tools and equipment for preventive maintenance as per annex 2

ACTIVITIES	CANDIDATE RESPONSE
1. Complete project brief of applying Building Electrician (helper) skills for solar PV systems under observation by Instructor	During a practical assessment ,under observation by an assessor, I will correctly: • Wear and use personal protective equipment for building wiring as per annex 1. ✓ Identify different personal protective equipment for building wiring. ✓ Select personal protective equipment for building wiring. ✓ Wear personal protective equipment for building wiring. • Collect data and information for install wiring from client (assessor/trainee may like as a client). ✓ Identify types of load (single phase, three phase) for building wiring. ✓ Calculate the room load as per requirement of client. ✓ Calculate wiring points as per requirement. • Perform Role play against electric shock in building wiring. ✓ Identify major hazards against electric shock in building ✓ Perform preventive measures against electric shock. ✓ Apply first aid methods. • Identify different electrical safety signs for building wiring as per annex 2. • Select tools and equipment for preventive maintenance as per annex 3.
2-other requirements	
4. Answer all questions of Assessor Panel	Candidate's answers to questions are correct and demonstrate understanding of the topics and their application. <i>Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attached.</i>

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ASSESSOR JUDGEMENT GUIDE

Candidate Name Father Name

INSTRUCTIONS FOR ASSESSMENT PANEL

THIS SECTION CONTAINS MINIMUM EVIDENCE REQUIREMENTS.

- This section contains minimum evidence requirement. Oral questioning may be used to clarify candidate understanding of the topic and its application.

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES/NO	ASSESSOR COMMENTS ON CANDIDATE PERFORMANCE
1. Present portfolio of evidence	Portfolio of evidence includes:		
Wear and use personal protective equipment for building wiring. Annex 1.	Identify different personal protective equipment for building wiring. Annex 1. Select personal protective equipment for Building wiring. Wear personal protective equipment for building wiring		
Collect data and information for install wiring from client (assessor/ trainee may like as a client).	Identify types of load (single phase, three phase) for building wiring. Calculate the room load as per requirement of client Calculate wiring points as per requirement.		
Perform Role play against electric shock in building wiring.	Identify major hazards against electric shock in building Perform preventive measures against electric shock. Apply first aid methods.		
Identify different electrical safety signs for building wiring as per annex 2.	Identify different electrical safety signs for building wiring as per annex 2.		
Select tools and equipment for preventive maintenance as per annex 3	Select tools and equipment for preventive maintenance as per annex- 3		
3. Presented completed project to Assessment Panel	Oral presented project brief and completed project work to Assessment Panel. Presentation included: - Requirements of brief - Planning and preparation of project - Problems encountered and how they were dealt with - Project outcome/s - Lessons learnt from undertaking project (reflective thinking) - Presentation to take no longer than 10 minutes		
4. Answered all questions of Assessor Panel	Candidate's answers to questions are correct and demonstrate understanding of the topics and their application. <i>Assessor Panel to document below all questions</i>		

	<i>asked and candidate answers. Use extra sheets if required and attached here.</i> Select personal protective equipment for drilling			
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LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

Instructions

- This section contains information regarding;
- Context of the assessment
 - List of required tools and equipment's.
 - List of consumable items required during the service

1. Context of Assessment

This task will be performed in Building Electrician's workshop environment.

Required tools, equipment and consumables will vary according to project brief.

2. List of tools and equipment required

S. No	Name of Items (tools and equipment's)	Quantity
1	Safety Hamlet	5
2	High Insulated Rubber Hand Gloves	5
3	Insulated Work Bench	5
4	Drawing Board	5
5	safety shoes	5
6	Safety Eyes Glass	5
7	Insulated Rubber Mat	5
8	Fire bucket	5
9	Fire blanket	5
10	Personal protective equipment and clothing	5
11	Safety signage	5 sets
12	Fire extinguisher	5

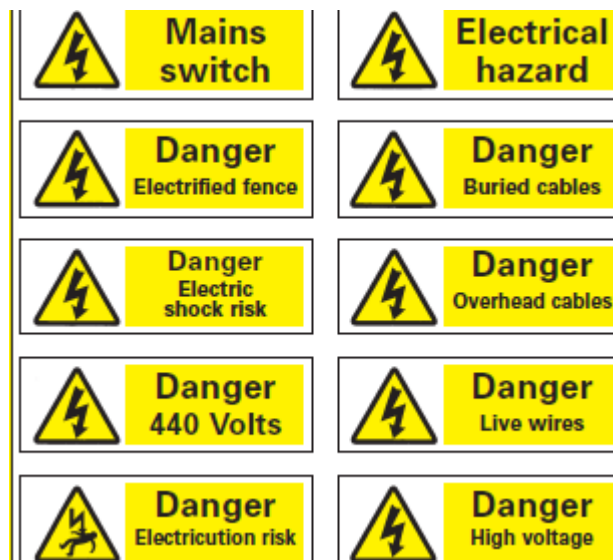
3. List of consumable items required

S. No	Consumable Items	Quantity
1	Documents Related Drawing	5
2	Led Pencil	5
3	Papers for Drawing	5
4	Rubber	5
5		5

Personal protective equipment's signs



Safety signs



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