

**ASSESSMENT
MATERIAL****EVIDENCE
GUIDE****Qualification**

LEN0123.v1

Level: 3**Credit: 9****Version: 1****LEN0123D.v1 Perform distribution of
electrical supply****CONTENTS**

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**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/BFORM #****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 & RECORD

CANDIDATE NAME:					FATHER NAME:		
ACTIVITY		METHOD			DESIRED OUTCOMES	RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: PERFORM DISTRIBUTION OF ELECTRICAL SUPPLY	COMPETENT	NOT YET COMPETENT
Practical skill demonstration			✓		- Review electrical load schedule at distribution box - Set distribution priority at distribution box - Monitor electrical load at distribution box		
Knowledge Assessment		✓			Answer any questions your assessor may have for you during the practical skill demonstration		
Other Requirements	✓	✓	✓	✓	- All candidate module reports completed by Instructor including; ✓ Observations ✓ Demonstrations ✓ Questions and recorded answers - All work completed as module assignments including; ✓ Work related documents and procedures		

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CANDIDATE ASSESSMENT

Candidate Name:

Father Name:

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

GUIDANCE TO CANDIDATE

To meet this standard you are required to complete the following practical tasks within set timeframe of four hours :

- Review electrical load schedule at distribution box
- Set distribution priority at distribution box
- Monitor electrical load at distribution box

ACTIVITIES	CANDIDATE RESPONSE
1. Complete practical assessment of performing distribution of electrical supply under observation by an assessor	• During a practical assessment, under observation by an assessor, I will correctly: • Review electrical load schedule at distribution box ✓ Check layout plan ✓ Check load inflow and demand ✓ Check input and output voltages and voltage drop • Set distribution priority at distribution box ✓ Review distribution priority plan ✓ Reschedule electrical load as per distribution priority • Monitor electrical load at distribution box ✓ Monitor electrical load ✓ Monitor power consumption ✓ Monitor voltage drops ✓ Perform logout/tag out
2. Complete knowledge assessment	Answer all questions my assessor may have during the practical assessment
3. Other requirements	• All candidate module reports completed by Instructor including; ✓ Observations ✓ Demonstrations ✓ Questions and recorded answers • All work completed as module assignments including: ✓ Material estimates ✓ Documented wiring test results ✓ Work related documents and procedures

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ASSESSOR JUDGEMENT GUIDE

Candidate Name:

Father Name:

INSTRUCTIONS FOR ASSESSOR

THIS SECTION CONTAINS MINIMUM EVIDENCE REQUIREMENTS.

The supplied electrical system requiring distribution of electrical supply must meet the evidence requirements of the candidate's competence in performing distribution of electrical supply

Set timeframe for practical skill demonstration must reflect the commercially viable timeframe for the tasks.

Oral questioning may be used to clarify candidate understanding of the topic and its application

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES/NO	ASSESSOR COMMENTS
1. Completed practical assessment under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly :		
	• Review electrical load schedule at distribution box		
	✓ Check layout plan		
	✓ Check load inflow and demand		
	✓ Check input and output voltages and voltage drop		
	• Set distribution priority at distribution box		
	✓ Review distribution priority plan		
	✓ Reschedule electrical load as per distribution priority		
	• Monitor electrical load at distribution box		
	✓ Monitor electrical load		
2. Knowledge assessment	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>		
3. Other requirements	• Candidate provided all module reports completed by Instructor including; ○ Observations ○ Demonstrations ○ Questions and recorded answers • All work completed as module assignments including; ○ Work related documents and procedures		

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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. - List of consumable items required during the service
1. Context of Assessment	This practical skill demonstration will be conducted in a Building Electrician's lab/workshop environment The Assessor will select the required tools, equipment and consumables from the list below for the assessment

2. List of tools and equipment required		
S. No	Tools and equipment	Quantity
1	Personal protective equipment	05 No's
2	Fire extinguishers	05 No's
3	First aid box	05 No's
5	Amp meter	05 No's
6	AVO meter	05 No's
13	Clamp on meter	05 No's
15	Cutter	05 No's
16	Drill machine	05 No's
17	Earth tester meter	05 No's
18	Extension board	05 No's
19	File set	05 No's
20	First Aid box	05 No's
21	Gloves	05 No's
22	Goggles	05 No's
23	Grinder	05 No's
24	Hammer	05 No's
25	Hand drill machine	05 No's
26	Helmet	05 No's
27	Herts meter	05 No's
28	Hex saw	05 No's
29	Knife (cable)	05 No's
30	Level	05 No's
31	L-key set	05 No's
32	Lock plier	05 No's
33	Measuring tape	05 No's
34	Megger meter (Analog & Digital)	05 No's
35	Micrometre	05 No's
36	Multimeter	05 No's
37	Number punch	05 No's
38	Phase sequence meter	05 No's
43	Punching tool (Networking /Telephone)	05 No's
44	Ratchet set	05 No's
45	Safety boots	05 No's
46	Scissor	05 No's
47	Screw driver set	05 No's
48	Soldering iron	05 No's
49	Spanner set	05 No's
50	Steel scale	05 No's
51	Steel wire	05 No's
52	synchronizing meter	05 No's
53	Tachometer	05 No's
54	Tester	05 No's

55	Thimble press	05 No's
56	Tong tester (clamp-on meter) AC/DC	05 No's
57	Torch	05 No's
58	Vernier calliper	05 No's
59	Volt meter	05 No's
60	Wire gauge	05 No's
61	Wood saw	05 No's

3. List of consumable items required		
S. No	Consumable Items	Quantity
1	Cable 3 / .029"	As Required
2	Cable 7 / .029"	As Required
3	Cable 1 / .036"	As Required
4	Cable 23 / .0076"	As Required
5	Cable 40 / .0076"	As Required
6	Breaker 3P 40 Amp	As Required
7	Breaker 10,16,20 Amp	As Required