# MICRO HYDRO POWER PLANT TECHNOLOGY

**Assessment Package** 

National Vocational Certificate Level 1

Version 1 - July 2015















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Document Version July, 2015 Islamabad, Pakistan

# MICRO HYDRO POWER PLANT TECHNOLOGY

**Assessment Package** 

National Vocational Certificate Level 1 Version 1 - July 2015





ASSESSMENT MATERIAL EVIDENCE GUIDE Qualification code: LEN0261.v1 Level:1 Credit: 44 Version:1	APPLY MICRO HYDEL POWER (HELPER) SKILLS FOR MHP PLANT
CONTENTS	<ol> <li>Assessment Summary and Record</li> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> <li>List of required tools/ equipments, material and context of assessment</li> </ol>
ASSESSMENT AND ASSESSOR	Competent Not Yet Competent
DETAILS	Assessment Re-Assessment
	Assessor's Name: Assessor's Code
	Assessor's Signature Date Date DD MM YYYY
CANDIDATE DETAILS	Candidate's Name:
	Father Name
	Institute Name and District
	CNIC/BFORM #
	Registration Number issued     by Assessment Body:
	Gender Male Female Transgender
	Candidate's Conscent 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's 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 NAVTTC
NAVTTC OFFICE ONLY	1. DATE FORM RECEIVED: DD MM YYYY 2. DATE ENTERED INTO DATABASE: DD MM YYYY

### ASSESSMENT SUMMARY AND RECORD

ACTIVITY	METHOD DESIRED OUTCOMES		DESIRED OUTCOMES	RES	ULT		
NATURE OF ACTIVITY	WRITTEN	ORAL	PORTFOLIO	OBSERVATION	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF: APPLY MICRO HYDEL POWER (HELPER) SKILLS FOR MHP PLANT	COMPETENT	NOT YET COMPETENT
Practical Skill Demonstration			~	~	<ul> <li>Complete supplied project brief related to the application of Micro Hydel Power (Helper) skills for MHP plant: <ul> <li>Maintain health, safety and cleanliness</li> <li>Carry out maintenance procedures as Micro Hydel Power (Helper)</li> </ul> </li> <li>Demonstrate positive workplace attitude and behaviours</li> <li>Communicate in different work contexts</li> <li>Apply basic reading, writing and speaking skills in different life contexts</li> <li>Apply basic numeracy skills in different life contexts</li> <li>Produce a plan for career options related to a Micro Hydel Power operations</li> </ul>		
Knowledge Assessment		~			Answer all questions Assessment Panel will have following oral presentation of completed project brief		
Other Requirements			~		<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Oral presentation of project to assessment panel</li> <li>Completed plan for career options related to a Micro Hydel Power operations</li> </ul>		

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

#### **GUIDANCE TO CANDIDATE**

To meet this standard you are required to:

• Apply Micro Hydel Power (Helper) skills for MHP plant

ACTIVITIES	CANDIDATE RESPONSE				
1. Complete project brief of Apply Micro Hydel Power (Helper) skills for MHP plant under observation by Instructor	<ul> <li>I will correctly complete requirements of supplied project brief under the following conditions:         <ul> <li>In a group or indivdually, as required by project brief</li> <li>Supplied brief will require a 5 day period to complete in a workshop environment</li> </ul> </li> <li>Your Assessment Panel will be looking for your competence in:         <ul> <li>Demonstrating task skills, task management (integration of tasks), managing any contingencies which may arise and task outcomes throughout the project timeframe</li> <li>Applying knowledge and skill in the working environment</li> </ul> </li> </ul>				
2. Present completed project brief supplied by Instructior	<ul> <li>Oral presentation of project brief and completed project work to Assessment Panel.</li> <li>Presentation to include:         <ul> <li>Requirements of brief</li> <li>Planning and preparation of project</li> <li>Problems encountered and how they were dealt with</li> <li>Project outcome/s</li> <li>Lessons learnt from undertaking project (reflective thinking)</li> </ul> </li> <li>Presentation to take no longer than 10 minutes</li> </ul>				
4. Answer all questions Assessor Panel will have following project presentation	My answers to questions are correct and demonstrate my understanding of the topics and their application.				

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# ASSESSOR JUDGEMENT GUIDE

Candidate's Name	Father	r's Name	
INSTRCUTIONS FOR ASSESSOR	THIS SECTION CONTAINS MINIMUM EVIDENCE REQ	UIREMENTS.	
ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES/NO	ASSESSOR COMMENTS ON CANDIDATE PERFORMANCE
1. Complete	Completed requirements of supplied project brief		

1. Complete	Completed requirements of supplied project brief	
project brief	under the following conditions:	
of Apply	In a group or indivdually, as required by project	
Micro	brief	
Hydel	<ul> <li>Supplied brief will require a 5 day period to complete in a workshop an irranment</li> </ul>	
Power	complete in a workshop environment	
(Helper)	o Demonstrated:	
skills for	Required task skills	
MHP plant	o Integrating tasks	
under	<ul> <li>Managing any contingencies which may arise</li> </ul>	
observation		
by	Achieving task outcomes throughout the project timeframe	
Instructor	umename	
	Oral presentation of project brief and completed	
	project work to Assessment Panel.	
	Presentation to include:	
3. Present	Requirements of brief	
	<ul> <li>Planning and preparation of project</li> </ul>	
completed project	<ul> <li>Problems encountered and how they were</li> </ul>	
brief supplied by	dealt with	
Instructior	<ul> <li>Project outcome/s</li> </ul>	
	<ul> <li>Lessons learnt from undertaking project</li> </ul>	
	(reflective thinking)	
	Presentation to take no longer than 10 minutes	
4. Answer any	Candidate confidently answered questions correctly	
questions	and demonstrated understanding of the topics and	
their	their application.	
Assessor		
may have	Assessor to document all questions asked, if any,	
during the	and the answers here:	
practical		
assessment		
	1 1 1	I

# LIST OF TOOLS , EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

instrcutions	<ul> <li>This section contains information regarding;</li> <li>Context of the assessment</li> <li>List of required tools and equipments.</li> <li>List of consumable itoms required during the contine</li> </ul>
	List of consumeable items required during the service
1. Context of	This task will be performed in MHP plant lab/workshop enviornment.
Assessment	Required tools, equipment and consumables will vary according to project brief.





ASSESSMENT MATERIAL	
EVIDENCE GUIDE Qualification Micro Hydro Power Plant Technology CS Code: Level: 1 Credit: 8 Version: 1	MAINTAIN SAFETY, HEALTH AND CLEANLINESS
CONTENTS	1. Assessment Summary and Record
	<ol> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> </ol>
	4. List of required tools/equipment, material and context of assessment
ASSESSMENT AND ASSESSOR	Competent Not Yet Competent
DETAILS	Assessment Re-Assessment
	Assessor's Name:
	Assessor's Signature Date Date DD MM YYYY
CANDIDATE DETAILS	Candidate's Name:
	Father's Name
	Institute Name and District
	CNIC/BFORM #
	Registration Number issued     by Assessment Body:
	Gender Male Female Transgender
	Candidate's 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.
ASSESSMENT RESULTS SUMMARY FORM	Candidate's Signature:
NAVTTC OFFICE ONLY	1. DATE FORM RECEIVED: DD MM YYYY 2. DATE ENTERED INTO DATABASE: DD MM YYYY DD MM YYYY
LEN0101A.v1 Maintain safetly, heal	

### ASSESSMENT SUMMARY & RECORD

Candidate's Name:							
ACTIVITY			METHOD	)	DESIRED OUTCOMES	RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: MAINTAIN SAFETY, HEALTH AND CLEANLINESS	COMPETENT	NOT YET COMPETENT
Knowledge Assessment	~	~			<ul> <li>Answer all questions in the knowledge assessment on the following topics:         <ul> <li>Identify risks in the workplace</li> <li>Follow cleanliness procedures to control risks</li> <li>Apply safe work procedures</li> <li>Follow emergency procedures</li> </ul> </li> </ul>		
Other Requirements				~	<ul> <li>All learner log books and formative assessments completed by Instructor including;</li> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> <li>Any work completed as course assignments</li> <li>Complete work records</li> </ul>		

#### 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 knowledge assessment on the following topics within 1 hour timeframe

- Identify risks in the workplace ٠
- Follow cleanliness procedures to control risks ٠
- Apply safe work procedures •
- Follow emergency procedures •

ACTIVITIES	CANDIDATE RESPONSE
1. Complete knowledge assessment	<ul> <li>Answer all questions in the knowledge assessment on the following topics:         <ul> <li>Identify risks in the workplace</li> <li>Types of hazards (Electrical Short Circuits, Shaft Break, misalignment of pulleys)</li> <li>Ways of controlling hazards (Removing extra grease from moving mechanical parts)</li> <li>Procedures for reporting hazards</li> </ul> </li> <li>Follow cleanliness procedures to control risks:         <ul> <li>Importance of cleanliness of person and workplace</li> </ul> </li> <li>Apply safe work procedures:         <ul> <li>Handling and storing items and materials</li> <li>Safety signs and symbols</li> </ul> </li> <li>Follow emergency procedures:         <ul> <li>Procedures for dealing with emergency and evacuation situations</li> <li>Fire prevention methods for different classes of fire</li> <li>Types of fire fighting equipment and their use</li> </ul> </li> </ul>
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;</li> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> <li>Any work completed as course assignments</li> <li>Completed work records</li> </ul>

# ASSESSOR JUDGEMENT GUIDE

Candidate's Name:	Father's Name:
INSTRUCTIONS FOR ASSESSOR	This section contains minimum evidence requirements. 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 knowledge assessment	The candidate correctly answered all questions in the knowledge assessment on the following topics:		
Identify risks in the workplace	Types of hazards (Electrical Short Circuits, Shaft Break, misalignment of pulleys) Ways of controlling hazards (Removing extra grease from moving mechanical parts) Procedures for reporting hazards		_
Follow cleanliness procedures to control risks:	Importance of cleanliness of person and workplace		
Apply safe work procedures:	Handling and storing items and materials Safety signs and symbols		_
Follow emergency procedures:	Procedure for dealing with emergency and evacuation situations Fire prevention methods for different classes of fire Types of fire fighting equipment and their use		
Identify risks in the workplace	Types of hazards (Electrical Short Circuits, Shaft Break, misalignment of pulleys) Ways of controlling hazards (Removing extra grease from moving mechanical parts) Procedures for reporting hazards		_
Follow cleanliness procedures to control risks:	Importance of cleanliness of person and workplace		_
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Any work completed as course assignments</li> <li>Completed work records</li> </ul>		

### LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRUCTIONS	<ul> <li>This section contains information regarding;</li> <li>Context of the assessment</li> <li>List of required tools and equipment.</li> <li>List of consumable items required during the service</li> </ul>
1. Context of Assessment	This knowledge assessment will be conducted in a classroom/workshop environment

2. Lis	2. List of consumable items required						
S. No	Quantity						
1	Pen	1 per candidate					
2	Knowledge assessment with sufficient space for required answers	1 per candidate					





ASSESSMENT MATERIAL EVIDENCE GUIDE Qualification LEN0101.v1 Level: 1 Credit: 2 Version: 1	COMMUNICATE IN DIFFERENT WORK CONTEXTS					
CONTENTS	<ol> <li>Assessment Summary and Record</li> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> <li>List of required tools/equipment, material and context of assessment</li> </ol>					
ASSESSMENT AND ASSESSOR	Competent Not Yet Competent					
DETAILS	Assessment Re-Assessment					
	Assessor's Name: Assessor's Code					
	Assessor's Signature Date DD MM YYYY					
CANDIDATE DETAILS	Candidate Name:					
	Father Name					
	Institute Name and District					
	CNIC/BFORM #					
	Registration Number:					
	Gender Male Female Transgender					
	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.					
ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an Assessment Results Summary Form. Simply post a photocopy of this completed coversheet to NAVTTC					
NAVTTC OFFICE ONLY	1. DATE FORM RECEIVED: DD MM YYYY 2. DATE ENTERED INTO DATABASE: DD MM YYYY DD MM YYYY					

### ASSESSMENT SUMMARY & RECORD

Candidate's Name:							
ACTIVITY METH		METHOD		DESIRED OUTCOMES		RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: COMMUNICATE IN DIFFERENT WORK CONTEXTS		NOT YET COMPETENT
Knowledge Assessment	✓	✓			<ul> <li>Answer all questions in the knowledge assessment on the following topics:</li> <li>Gather, convey and receive information</li> <li>Apply routine face-to-face communication</li> <li>Apply visual communication</li> <li>Complete relevant work related documents</li> </ul>		
Other       All learner log books and formative assessments completed by Instructor including;         Requirements       Any completed written report/s on work related topic         Completed relevant work documents including:       Work forms         Job cards       Job cards							

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 knowledge assessment within 1 hour timeframe on the following topics:

- Gather, convey and receive information
- Apply routine face-to-face communication
- Apply visual communication
- Complete relevant work related documents

ACTIVITIES	CANDIDATE RESPONSE
1. Complete knowledge assessment	<ul> <li>Answer all questions in the knowledge assessment on the following topics:         <ul> <li>Gathering, conveying and receiving information:</li> <li>Gather, receive and respond verbal and written actions</li> <li>Convey instructions</li> <li>Clarify understanding by asking questions</li> </ul> </li> <li>Applying routine face-to-face communication:         <ul> <li>Receive and follow routine instructions</li> <li>Access and interpret information from a range of sources</li> <li>Complete verbal and/or written reporting</li> </ul> </li> <li>Applying visual communication:         <ul> <li>Obtain and acknowledge attention of communicating parties</li> <li>Clarify and confirm the intention of visual communication</li> </ul> </li> </ul>
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Any work completed as course assignments</li> <li>Any completed written report/s on work related topic</li> <li>Completed relevant work documents including:             <ul> <li>Work forms</li> <li>Job cards</li> </ul> </li> </ul>

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# ASSESSOR JUDGEMENT GUIDE

Candidate's Name:	Father's Name:
INSTRUCTIONS FOR ASSESSOR	This section contains minimum evidence requirements. 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 knowledge assessment	The candidate correctly answered all questions in the knowledge assessment on the following topics:		
Gathering, conveying and receiving	Gathered, received and responded verbal and written actions		
information:	Conveyed instructions as per requirement		
	Clarified understanding by asking questions		
Applying routine face-	Received and followed routine instructions		
to-face communication:	Accessed and interpreted information from a range of sources		
	Completed verbal and/or written reporting		
Applying visual communication:	Obtained and acknowledged attention of communicating parties		
	Clarified and confirmed the intention of visual communication		
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Any work completed as course assignments</li> <li>Any completed written report/s on work related topic</li> <li>Completed relevant work documents including:             <ul> <li>Work forms</li> <li>Job cards</li> </ul> </li> </ul>		

### LIST OF TOOLS , EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

	This section contains information regarding;
INSTRUCTIONS	Context of the assessment
	List of required tools and equipment.
	List of consumable items required during the service
1. Context of	This knowledge assessment will be conducted in a knowledge assessment environment
Assessment	

2. Lis	2. List of consumable items required						
S. No	Consumable Items	Quantity					
1	Pen	1 per candidate					
2	Knowledge assessment with sufficient space for required answers	1 per candidate					





ASSESSMENT MATERIAL EVIDENCE GUIDE Qualification CS Code: LEN0101.v1 Level: 1 Credit: 2 Version: 1	APPLY A PROBLEM SOLVING METHOD					
CONTENTS	<ol> <li>Assessment Summary and Record</li> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> <li>List of required tools/equipment, material and context of assessment</li> </ol>					
ASSESSMENT AND ASSESSOR	Competent Not Yet Competent					
DETAILS	Assessment Re-Assessment					
	Assessor's Name: Assessor's Code Assessor's Signature Date DD MM YYYY					
CANDIDATE DETAILS	Candidate's Name:					
	Father's Name					
	Institute Name and District					
	CNIC/BFORM #					
	Registration Number issued by Assessment Body:					
	Gender Male Female Transgender					
	Candidate's 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's 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 NAVTTC					
NAVTTC OFFICE ONLY	1. DATE FORM RECEIVED:     2. DATE ENTERED INTO DATABASE:       DD     MM       YYYY					



#### **ASSESSMENT SUMMARY & RECORD**

Candidate's Name:								
ACTIVITY		METHOD		)	DESIRED OUTCOMES		RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: APPLY A PROBLEM SOLVING METHOD		NOT YET COMPETENT	
Knowledge Assessment	✓	✓			<ul> <li>Answer all questions in the knowledge assessment on the following topics:         <ul> <li>Define problem</li> <li>Consult a method for solving an identified problem after consulting with senior</li> <li>Apply the problem solving method under the supervision and guidance of senior</li> </ul> </li> </ul>			
Other Requirements	✓ UUestions and recorded answers							

#### 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 knowledge assessment within 1 hour timeframe on the following topics:

- Define problem ٠
- Consult a method for solving an identified problem after consulting from senior ٠
- Apply the problem solving method under the supervision & guidance of senior •

ACTIVITIES	CANDIDATE RESPONSE
1. Complete knowledge assessment	<ul> <li>Answer all questions in the knowledge assessment on the following topics:</li> <li>Define problem:         <ul> <li>Nature of problem, parties involved, and the effects it may have</li> <li>Ownership of problem, responsibility, its sphere of influence and authority</li> </ul> </li> <li>Consult a method for solving an identified problem after consulting with senior:         <ul> <li>Problem solving methods in terms of processes to be undertaken</li> <li>Problem solving method in terms of its suitability</li> </ul> </li> <li>Apply the problem solving method under the supervision and guidance of senior:         <ul> <li>Application of a chosen method</li> <li>Outcome of the problem</li> <li>Implementing a conclusion to the problem</li> </ul> </li> </ul>
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Any work completed as course assignments on using problem-solving method/s</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>



# **ASSESSOR JUDGEMENT GUIDE**

Candidate's Name:......Father's Name:.....

#### **INSTRUCTIONS** FOR ASSESSOR

This section contains minimum evidence requirements. 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 knowledge assessment	The candidate correctly answered all questions in the knowledge assessment on the following topics:			
Define problem:	Nature of problem, parties involved, and the effects it may have Ownership of problem, responsibility, its sphere of influence and authority			
Consult a method for solving an identified problem after consulting with senior:	Problem solving methods in terms of processes to be undertaken Problem solving method in terms of its suitability			
Apply the problem solving method under the supervision and guidance of senior:	Application of a chosen method         Outcome of the problem         Implementing a conclusion to the problem			
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Any work completed as course assignments on using problem-solving method/s</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>			

### LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

	This section contains information regarding;				
INSTRUCTIONS	Context of the assessment				
	List of required tools and equipment.				
List of consumable items required during the service					
1. Context of	This knowledge assessment will be conducted in a knowledge assessment environment				
Assessment					

2. Lis	2. List of consumable items required					
S. No	S. No Consumable Items Quantity					
1	Pen	1 per candidate				
2	2 Knowledge assessment with sufficent space for required answers 1 per candidate					





ASSESSMENT MATERIAL		
EVIDENCE GUIDE		SIC READING, WRITING AND NG SKILLS IN ENGLISH IN
Qualification CS Code: LEN0101.v1 Level: 1 Credit: 4 Version: 1		ERENT LIFE CONTEXTS
CONTENTS	<ol> <li>Assessment Summary and</li> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> <li>List of required tools/equip</li> </ol>	
ASSESSMENT AND ASSESSOR	Competent	Not Yet Competent
DETAILS	Assessment	Re-Assessment
	Assessor's Name:	Assessor's Code
	Assessor's Signature	Date DD MM YYYY
CANDIDATE DETAILS	Candidate's Name:	First Name Last Name
	Father's Name	
	Institute Name and District	
	CNIC/BFORM # Registration Number issued by Assessment Body:	
	Gender	Male Female Transgender
		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.
ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as	an Assessment Results Summary Form. Simply post a photocopy of this completed coversheet to NAVTTC
NAVTTC OFFICE ONLY	1. DATE FORM RECEIVED: DD MM	2. DATE ENTERED INTO DATABASE: YYYY DD MM YYYY

#### ASSESSMENT SUMMARY & RECORD

Candidate's Name:							
ACTIVITY		METHOD DESIRED OUTCOMES		DESIRED OUTCOMES	RESULT		
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: APPLY BASIC READING, WRITING AND SPEAKING SKILLS IN ENGLISH IN DIFFERENT LIFE CONTEXTS	COMPETENT NOT YET COMPETENT	
Knowledge Assessment	~	✓			<ul> <li>Answer all questions in the knowledge assessment on the following topics:</li> <li>✓ Read texts used in different contexts</li> <li>✓ Write texts for different contexts</li> <li>✓ Apply speaking and listening skills</li> </ul>		
Other Requirements				✓	<ul> <li>All learner log books and formative assessments completed by Instructor including;</li> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> <li>Any work completed as course assignments on writing texts for different contexts</li> <li>Completed work forms</li> </ul>		

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

#### GUIDANCE TO CANDIDATE

- ✓ Write texts for different contexts
- ✓ Apply speaking and listening skills

ACTIVITIES	CANDIDATE RESPONSE
1. Complete knowledge assessment	<ul> <li>Answer all questions in the knowledge assessment on the following topics:         <ul> <li>Reading texts used in different contexts:</li> <li>Purpose of texts</li> <li>Main ideas and/or key procedures in the texts</li> <li>Meaning of key words and phrases in the texts</li> <li>Writing texts for different contexts:</li> <li>Use of clear and simple English with correct spelling, punctuation, and use of grammar</li> <li>Planning, drafting and editing processes</li> <li>Use of correct and coherent sequence and structure of information and/or ideas</li> </ul> </li> <li>Applying speaking and listening skills:         <ul> <li>Expression of opinions on the text or on its subject matter clearly and simply</li> <li>Interpretation of key points</li> <li>Convey information clearly and concisely</li> <li>Effective speaking and listening skills</li> </ul> </li> </ul>
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;</li> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> <li>Any work completed as course assignments on writing texts for different contexts</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>

# ASSESSOR JUDGEMENT GUIDE

Candidate's Name:					
INSTRUCTI FOR ASSESSO		this section contains minimum evidence requirements. Oral questioning may be used to clarify candidate understanding of the topic and its application.			

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES/NO	O ASSESSOR COMMENTS
1. Completed knowledge assessment	The candidate correctly answered all questions in the knowledge assessment on the following topics		
Reading texts used in different contexts:	Purpose of texts		
	Main ideas and/or key procedures in the texts		
	Meaning of key words and phrases in the texts		
Writing texts for different contexts:	Use of clear and simple English with correct spelling, punctuation, and use of grammar		
	Planning, drafting and editing processes Use of correct and coherent sequence and structure of information and/or ideas		
Applying speaking and listening skills:	Expression of opinions on the text or on its subject matter clearly and simply		
	Interpretation of key points		
	Convey information clearly and concisely		
	Effective speaking and listening skills		
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Any work completed as course assignments on writing texts for different contexts</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>		

### LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

	This section contains information regarding;				
INSTRUCTIONS	Context of the assessment				
	List of required tools and equipment.				
List of consumable items required during the service					
1. Context of	This knowledge assessment will be conducted in a knowledge assessment environment				
Assessment					

2. Lis	2. List of consumable items required					
S. No	S. No Consumable Items Quantity					
1	Pen	1 per candidate				
2	2 Knowledge assessment with sufficient space for required answers 1 per candidate					





ASSESSMENT MATERIAL EVIDENCE GUIDE Qualification LEN0101.v1 Level: 1 Credit: 4 Version: 1	APPLY BASIC NUMERACY SKILLS IN DIFFERENT LIFE CONTEXTS
CONTENTS	<ol> <li>Assessment Summary and Record</li> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> <li>List of required tools/equipment, material and context of assessment</li> </ol>
ASSESSMENT AND ASSESSOR	Competent Not Yet Competent
DETAILS	Assessment Re-Assessment
	Assessor's Name: Assessor's Code Assessor's Signature Date DD MMYYYY
CANDIDATE DETAILS	Candidate's Name:
	Father's Name
	Institute Name and District
	CNIC/BFORM #
	Registration Number issue by Assessment Body :
	Gender Male Female Transgender
	Candidate's Conscent 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.
ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an Assessment Results Summary Form. Simply post a photocopy of this completed coversheet to NAVTTC
NAVTTC OFFICE ONLY	1. DATE FORM RECEIVED: DD MM YYYY 2. DATE ENTERED INTO DATABASE: DD MM YYYY DD MM YYYY

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#### **ASSESSMENT SUMMARY & RECORD**

Candidate's Nam	Candidate's Name: Father's Name:							
ACTIVITY		METHOD		)	DESIRED OUTCOMES		RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: APPLY BASIC NUMERACY SKILLS IN DIFFERENT LIFE CONTEXTS	COMPETENT NOT YET COMPETENT		
Knowledge Assessment	~				<ul> <li>Answer all questions in the knowledge assessment on the following topics:         <ul> <li>Apply knowledge and conventions of common shapes to represent real life objects</li> <li>Measure materials or objects</li> <li>Perform basic calculations associated with money, and time</li> <li>Use and create tables and graphs to represent and interpret public information</li> <li>Apply simple formulae to solve arithmetic problems in real life contexts</li> </ul> </li> </ul>			
Other Requitrements				✓	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Completed 2D and 3D diagrammatic sketches</li> <li>Completed constructed 3D objects</li> <li>Basic calculations associated with money, and time</li> <li>Tables and graphs created to represent and interpret public information</li> <li>Apply simple formulae to solve arithmetic problems in real life context</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>			

Candidate's Name:

#### Father's 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 knowledge assessment within 1 hour timeframe on the following topics:

- Read texts used in different contexts
- Write texts for different contexts
- Apply speaking and listening skills

CANDIDATE RESPONSE
<ul> <li>Answer all questions in the knowledge assessment on the following topics:</li> <li>Apply knowledge and conventions of common shapes to represent real life objects: <ul> <li>Common two and three-dimensional shapes</li> <li>Two and three-dimensional shapes and objects in diagrammatic form</li> <li>Simple three-dimensional objects</li> </ul> </li> <li>Measure materials or objects: <ul> <li>Measuring instruments and correct use</li> <li>Simple formulae to calculate area and volume of regular shapes</li> </ul> </li> <li>Perform basic calculations associated with money, and time: <ul> <li>Simple calculations involving time</li> <li>Conversion of fractions, decimals, and percentages</li> <li>Simple calculations involving money</li> </ul> </li> </ul>
<ul> <li>Use and create tables and graphs to represent and interpret public information:         <ul> <li>Key features of everyday tables and graphs</li> <li>Collection, sorting and recording of data in a table</li> <li>Construction and labelling of simple graphs</li> </ul> </li> <li>Apply simple formulae to solve arithmetic problems in real life contexts:         <ul> <li>Simple formulae and algebraic expressions, and their use</li> <li>Verification of solutions to simple arithmetic problems</li> </ul> </li> </ul>
<ul> <li>All candidate module reports completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Completed 2D and 3D diagrammatic sketches</li> <li>Completed constructed 3D objects</li> <li>Evidence of correctly completed calculations relating to money and time</li> <li>Prepared basic data, tables and graphs correctly labelled for values</li> <li>Evidence of verified use of simple formulae and algebraic expressions relating to             <ul> <li>Area</li> <li>Perimeter</li> <li>Dimensions of regular and irregular shapes</li> </ul> </li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>

# ASSESSOR JUDGEMENT GUIDE

#### Candidate's Name:......Father's Name:.....

**INSTRUCTIONS** FOR ASSESSOR

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

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES	NO	ASSESSOR COMMENTS
<ol> <li>Completed knowledge assessment</li> </ol>	The candidate correctly answered all questions in the knowledge assessment on the following topics:			
Apply knowledge and conventions of common shapes to represent real life objects: Measure materials or objects:	Common two and three-dimensional shapes Two and three-dimensional shapes and objects in diagrammatic form Simple three-dimensional objects Measuring instruments and correct use Simple formulae to calculate area and volume of regular			
Perform basic calculations associated with money, and time:	shapes Simple calculations involving time Conversion of fractions, decimals, and percentages Simple calculations involving money			
Use and create tables and graphs to represent and interpret public information: Apply simple	Key features of everyday tables and graphs Collection, sorting and recording of data in a table Construction and labelling of simple graphs Simple formulae and algebraic expressions, and their			
formulae to solve arithmetic problems in real life contexts: 2. Other	Verification of solutions to simple arithmetic problems     All candidate module reports completed by			
requirements	<ul> <li>All calibrate induction reports completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Completed 2D and 3D diagrammatic sketches</li> <li>Completed constructed 3D objects</li> <li>Evidence of correctly completed calculations relating to money and time</li> <li>Prepared basic data, tables and graphs correctly labelled for values</li> <li>Evidence of verified use of simple formulae and algebraic expressions relating to             <ul> <li>Area</li> <li>Perimeter</li> <li>Dimensions of regular and irregular shapes</li> </ul> </li> <li>Completed work forms</li> <li>Completed work forms</li> </ul>			

### LIST OF TOOLS , EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

	This section contains information regarding;
INSTRCUTIONS	Context of the assessment
	List of required tools and equipment.
	List of consumeable items required during the service
1. Context of	This knowledge assessment will be conducted in a knoweldge assessment enviornment
Assessment	

2. Lis	2. List of consumeable items required						
S. No	Consumeable Items	Quantity					
1	Pen	1 per candidate					
2	Knowledge assessment with sufficent space for required answers	1 per candidate					





ASSESSMENT MATERIAL EVIDENCE GUIDE Qualification LEN0101.v1 Level: 1 Credit: 2 Version: 1		DEMONSTRATE POSITIVE DRKPLACE ATTITUDE AND BEHAVIOURS
CONTENTS	<ol> <li>Assessment Summ</li> <li>Candidate Assess</li> <li>Assessor Judgeme</li> <li>List of required too</li> </ol>	nent
ASSESSMENT AND ASSESSOR	Competent	Not Yet Competent
DETAILS	Assessment	Re-Assessment
	Assessor's Name: Assessor's Signature	Assessor's Code
CANDIDATE DETAILS	Candidate's Name:	First Name Last Name
	Father's Name	
	Institute Name and District	
	CNIC/BFORM #	
	Registration Number issued by Assessment Body :	
	Gender	Male Female Transgender
	Candidate's Consent Candidate's Signature:	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.
ASSESSMENT RESULTS SUMMARY FORM	You can use this covers	wheet as an Assessment Results Summary Form. Simply post a photocopy of this completed coversheet to NAVTTC

NAVTTC OFFICE	1. DATE						2. DATE ENTERED INTO						
NAVIIC OFFICE													— I
ONLY	FORM RECEIVED:	DD	)	ММ	`	(	DATABASE:	DI	)	ММ	Y	(	

1	ASSESSMENT SUMMARY & RECORD

Candidate's Name	Candidate's Name: Father's Name:							
ACTIVITY		METHOD			DESIRED OUTCOMES	RESULT		
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: DEMONSTRATE POSITIVE WORKPLACE ATTITUDE AND BEHAVIOURS	COMPETENT	NOT YET COMPETENT	
Knowledge Assessment	✓	✓			<ul> <li>Answer all questions in the knowledge assessment on the following topics:         <ul> <li>Apply knowledge of positive workplace attitude and behaviours</li> <li>Interact with people in the context of a work environment</li> <li>Assess own professional behaviour in a work environment setting</li> </ul> </li> </ul>			
Other Requirements			~	~	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Any work completed as course assignments</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>			

#### 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 knowledge assessment within 1 hour timeframe on the following topics:

- Apply knowledge of positive workplace attitude and behaviours ٠
- Interact with people in the context of a work environment
- Assess own professional behaviour in a work environment setting

ACTIVITIES	CANDIDATE RESPONSE
1. Complete knowledge assessment	<ul> <li>Answer all questions in the knowledge assessment on the following topics:         <ul> <li>Apply knowledge of positive workplace attitude and behaviours:                 <ul> <li>Correct dress code in a work environment</li> <li>Positive listening skills</li> <li>Concept of work ethic</li> <li>Interact with people in the context of a work environment:</li></ul></li></ul></li></ul>
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;</li> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> <li>Any work completed as course assignments</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>



Candidate's Name:..... Father's Name:.....

#### **INSTRUCTIONS** FOR ASSESSOR

This section contains model answers and/or minimum evidence requirements. 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 knowledge assessment	The candidate correctly answered all questions in the knowledge assessment on the following topics:		
Apply knowledge of	Correct dress code in a work environment		
positive workplace attitude and	Positive listening skills		
behaviours:	Concept of work ethic		
Interact with people in the context of a work	Importance of first impression		
environment:	Interaction with people in a work environment setting including dealing with difficult people		
	Customer service practice		
	Confidentiality requirements of work environment		
Assess own professional behaviour	Influencing factors on personal behaviour in a work environment		
in a work environment setting	Code of conduct		
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;</li> <li>✓ Observations</li> <li>✓ Demonstrations</li> <li>✓ Questions and recorded answers</li> <li>Any work completed as course assignments</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>		

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### LIST OF TOOLS , EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

	This section contains information regarding;
INSTRUCTIONS	Context of the assessment
	List of required tools and equipment.
	List of consumable items required during the service
1. Context of	This knowledge assessment will be conducted in a knowledge assessment environment
Assessment	

2. Lis	2. List of consumable items required		
S. No	Consumable Items	Quantity	
1	Pen	1 per candidate	
2	Knowledge assessment with sufficient space for required answers	1 per candidate	





ASSESSMENT MATERIAL	
EVIDENCE GUIDE Qualification CS Code: LEN0261.v1 Level: 1 Credit: 8 Version: 1	PERFORM BASIC ELECTRICAL WORKS USING HAND TOOLS
CONTENTS	<ol> <li>Assessment Summary and Record</li> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> <li>List of required tools/ equipment, material and context of assessment</li> </ol>
ASSESSMENT AND ASSESSOR	Competent Not Yet Competent
DETAILS	Assessment Re-Assessment
	Assessor's Name:Assessor's Code
	Assessor's Signature Date DD MM YYYY
CANDIDATE DETAILS	Candidate's Name Last Name
	Father's Name
	Institute Name and District
	Registration Number issued     by Assessment Body :
	Gender Male Female Transgender
	Candidate's Conscent 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.
ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an Assessment Results Summary Form. Simply post a photocopy of this completed coversheet to NAVTTC
NAVTTC OFFICE ONLY	1. DATE FORM RECEIVED: DD MM YYYY 2. DATE ENTERED INTO DATABASE: DD MM YYYY DD MM YYYY

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### ASSESSMENT SUMMARY & RECORD

Candidate's Name: Father's Name:								
ACTIVITY		METHOD		D	DESIRED OUTCOMES		RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: PERFORM BASIC ELECTRICAL WORKS USING HAND TOOLS		NOT YET COMPETENT	
Prctical Skill Demonstration			~		<ul> <li>Prepare for work</li> <li>Lay cables</li> <li>Joint cables and connections</li> <li>Complete work</li> </ul>			
Knowledge Assessment		~			Answer any questions your assessor may have for you during the practical skill demonstration			
Other Requitrements				~	<ul> <li>All candidate formative assessments completed by Instructor including;</li> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> <li>Any work completed as course assignments</li> <li>Completed work forms</li> <li>Completed learner logbooks</li> <li>Completed job cards</li> </ul>			

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#### 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 tasks of within set timeframe

- Perform basic electrical works using hand tools
  - ✓ Prepare for work
  - ✓ Lay cables
  - Joint cables and connections
     Complete work

ACTIVITIES	CANDIDATE RESPONSE
1. Complete practical tasks of performing basic electrical works using hand tools under observation by an Assessor	<ul> <li>During a practical assessment, under observation by an assessor, I will correctly:</li> <li>Prepare for work</li> <li>✓ Obtain job requirements from specifications/instructions</li> <li>✓ Identify and select auxiliary tools and/or equipment to carry out work processes in a safe manner</li> <li>✓ Identify and minimise hazards and risks associated with job requirements</li> <li>Lay cables</li> <li>✓ Prepare for installation of cables</li> <li>✓ Install conduit, GI pipes, PVC pipes and/or ducts</li> <li>✓ Pull cables in conduits</li> <li>Joint cables and connections</li> <li>✓ Select jointing tools according to job requirements</li> <li>✓ Apply safe cable jointing process</li> <li>✓ Complete work related documents and procedures</li> <li>✓ Perform final quality inspection</li> <li>✓ Clean up and store tools, equipment and materials</li> <li>✓ Meeting set timeframe appropriate for supplied mechanical maintenance work requiring basic use of hand tools basic.</li> </ul>
2. Other requirements	<ul> <li>All candidate formative assessments completed by Instructor including;</li> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> <li>All work produced as module projects and assignments</li> <li>Completed learner logbooks</li> <li>Completed work record</li> <li>Completed job records</li> </ul>

Candidat's Name:	lidat's Name:Father's Name:		
INSTRUCTIONS FOR ASSESSOR	This section contains minimum evidence requirements.oral questioning may be used to clarify candidate understanding of the topic and its application.		

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	yes/No	ASSESSOR COMMENTS
1. Complete practical tasks of performing basic electrical works using hand tools under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:		
Preparing for work	Obtained job requirements from specifications/instructions		
	Identified and selected auxiliary tools and/or equipment to carry		
	out work processes in a safe manner Identified and minimised hazards and risks associated with job		
	requirements		
Laying cables	Prepared for installation of cables		
	Installed conduit, GI pipes, PVC pipes and/or ducts		
	Pulled cables in conduits		
Jointing cables and	Selected jointing tools according to job requirements		
connections	Applied safe cable jointing process		
	Checked for conformance with job requirements		
Completing work	Completed work related documents and procedures		
	Performed final quality inspection		
	Cleaned up and stored tools, equipment and materials		
	Met set timeframe appropriate for supplied mechanical maintenance work requiring basic use of hand tools basic		
2. Complete knowledge assessment	Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.		
	Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attacched here		
3. Other requirements	All learner log books and formative assessments completed by Instructor including;		

### LIST OF TOOLS , EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

INSTRCUTIONS       This section contains information regarding; Context of the assessment List of required tools and equipments. List of consumeable items required during the service	
1. Context of Assessment	This practical skill demonstration will be conducted in a Micro Hydel Power Plant lab/workshop enviornment

2. Lis	2. List of tools and equipments required		
S. No	Tools and equipments	Quantity	
1	Personal protective equipment	Candidate's own set	
2	2 Electrical hand tools and equipment 1 per candidate		
3	Electrical test equipment		

3. Lis	3. List of consumeable items required			
S. No	No Consumeable items Quantity			
1	Job requirements	1 per candidate		
2	2 Insulation tape 1 per candidate			
3	Conduit, GI pipes, PVC pipes and/or ducts	1 set per candidate		





ASSESSMENT MATERIAL			
EVIDENCE GUIDE Qualification CS Code: LEN0261.v1 Level: 1 Credit: 6 Version: 1	PERFORM BASIC CIVIL CONSTRUCTION WORKS USING HAND TOOLS		
CONTENTS	<ol> <li>Assessment Summary and Record</li> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> <li>List of required tools/equipment, material and context of assessment</li> </ol>		
ASSESSMENT AND ASSESSOR	Competent Not Yet Competent		
DETAILS	Assessment Re-Assessment		
	Assessor Name: Assessor's Code		
	Assesso's Signature Date DD MM YYYY		
CANDIDATE DETAILS	Candidate's Name:		
	Father's Name		
	Institute Name and District		
	CNIC/BFORM #		
	Registration Number issued by Assessment Body:		
	Gender Male Female Transgender		
	Candidate's Conscent 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.		
ASSESSMENT RESULTS SUMMARY FORM	You can use this coversheet as an Assessment Results Summary Form. Simply post a photocopy of this completed coversheet to NAVTTC		
NAVTTC OFFICE ONLY	1. DATE FORM RECEIVED: DD MM YYYY 2. DATE ENTERED INTO DATABASE: DD MM YYYY		

### **ASSESSMENT SUMMARY & RECORD**

Candidate's Name: Father's Name:							
ACTIVITY	VITY METHOD		)	DESIRED OUTCOMES		RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: PERFORM BASIC CIVIL CONSTRUCTION WORKS USING HAND TOOLS		NOT YET COMPETENT
Prctical Skill Demonstration			~		<ul> <li>Prepare for work</li> <li>Perform measurements</li> <li>Perform excavation</li> <li>Complete work</li> </ul>		
Knowledge Assessment		✓			Answer any questions your assessor may have for you during the practical skill demonstration		
Other Requitrements					<ul> <li>All candidate formative assessments completed by Instructor including;</li> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> <li>Any work completed as course assignments</li> <li>Completed work forms</li> <li>Completed learner logbooks</li> <li>Completed job cards</li> </ul>		

#### 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 of performing basic civil construction works using hand tools within set timeframe on the following topics:

- Prepare for work •
- Perform measurements •
- Perform excavation •
- Complete work •

#### CANDIDATE RESPONSE **ACTIVITIES** 1. Complete During a practical assessment, under observation by an assessor, I will correctly: practical Prepare for work assessment of Obtain job requirements from specifications/instructions √ ✓ Identify and select auxiliary tools and/or equipment to carry out work processes in a safe manner performing basic civil ✓ Identify and minimise hazards and risks associated with job requirements construction Perform measurements works using Select measuring tool according to job requirements ✓ Apply suitable measuring process hand tools ✓ Check for conformance with job requirements under observation by Perform excavation Select excavation hand-tools according to job requirements Apply excavation process an Assessor Check for conformance with job requirements Complete work ✓ Perform final quality inspection at work environment ✓ Clean up and store tools, equipment and materials ✓ Meeting set timeframe appropriate for supplied civil construction maintenance work requiring basic use of hand tools basic 2. Complete My answers to questions are correct and demonstrate my understanding of the topics and their application: knowledge assessment 2. Other All candidate formative assessments completed by Instructor including; requirements ✓ Observations ✓ Demonstrations ✓ Questions and recorded answers All work produced as module projects and assignments Completed learner logbooks Completed work record Completed job records



Candidate	Name:
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Father Name:

FUR	nis section contains minimum evidence requirements.oral questioning may be used to clarify candidate understanding of e topic and its application.
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ACTIVITIES	MINIMUM EVIDENCE REQUIRED		NO	ASSESSOR COMMENTS
1. Complete practical assessment of performing basic civil construction works using hand tools under observation by an Assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out:			
Preparing for work	Obtained job requirements from specifications/instructions			
	Identified and selected auxiliary tools and/or equipment to carry out work processes in a safe manner			
	Identified and minimised hazards and risks associated with job requirements			
Perform	Selected measuring tool according to job requirements			
measurements	Applied suitable measuring process			
	Checked for conformance with job requirements			
Perform excavation	Select excavation hand-tools according to job requirements			
	Applied excavation process			
	Checked for conformance with job requirements			
Completing work	Performed final quality inspection at work environment			
	Cleaned up and store tools, equipment and materials			
	Met set timeframe appropriate for supplied civil construction maintenance work requiring basic use of hand tools basic			
2. Complete knowledge assessment	Candidate's answers to questions are correct and demonstrate understanding of the topics and their application. Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attacched here			
3. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Any work completed as course assignments</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>			

### LIST OF TOOLS , EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

instrcutions	<ul> <li>This section contains information regarding;</li> <li>Context of the assessment</li> <li>List of required tools and equipment.</li> <li>List of consumeable items required during the service</li> </ul>
1. Context of Assessment	This practical skill demonstration will be conducted in a Micro Hydel Power Plant lab/workshop enviornment

2. Lis	2. List of tools and equipment required				
S. No	Tools and equipments	Quantity			
1	Personal protective equipment	Candidate's own set			
2	Civil construction hand tools and equipment	1 per candidate			
3	Civil construction measuring equipment				

3. List of consumeable items required				
S. No	Consumeable items     Quantity			
1	Job requirements	1 per candidate		





ASSESSMENT MATERIAL					
EVIDENCE GUIDE Qualification CS Code : LEN0261.v1	PERFORM BASIC MECHANICAL WORKS USING HAND TOOLS				
Level: 1 Credit: 8 Version: 1					
CONTENTS	<ol> <li>Assessment Summary and Record</li> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> <li>List of required tools/equipment, material and context of assessment</li> </ol>				
ASSESSMENT AND ASSESSOR	Competent Not Yet Competent				
DETAILS	Assessment Re-Assessment				
	Assessor's Name: Assessor's Code Assessor's Signature Date DD MM YYYY				
CANDIDATE DETAILS	Candidate's Name:				
	Father's Name				
	Institute Name and District				
	CNIC/BFORM #				
	Registration Number issued     by Assessment Body:				
	Gender Male Female Transgender				
	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 NAVTTC				
NAVTTC OFFICE ONLY	1. DATE FORM RECEIVED: DD MM YYYY 2. DATE ENTERED INTO DATABASE: DD MM YYYY DD MM YYYY				

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### ASSESSMENT SUMMARY & RECORD

Candidate's Name:Father's Name:							
ACTIVITY		METHOD		)	DESIRED OUTCOMES		ULT
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	PORTFOLIOS	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF COMPETENCY STANDARD: PERFORM BASIC MECHANICAL WORKS USING HAND TOOLS		NOT YET COMPETENT
Practical Skill Demonstration			~		Perform basic mechanical works using hand tools		
Knowledge Assessment		✓			<ul> <li>Answer any questions your assessor may have for you during the practical skill demonstration</li> </ul>		
Other Requirements				~	<ul> <li>All candidate formative assessments completed by Instructor including;</li> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> <li>Any work completed as course assignments</li> <li>Completed work forms</li> <li>Completed learner logbooks</li> <li>Completed job cards</li> </ul>		

Candidate's Name:......Father's 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 tasks within set timeframe

- Perform basic mechanical works using hand tools which include
  - ✓ Plan and prepare for work
  - ✓ Perform hand-saw cutting
  - ✓ Perform thread cutting
  - Perform filing
  - ✓ Complete work

#### CANDIDATE RESPONSE **ACTIVITIES** During a practical assessment, under observation by an assessor, I will correctly perform the following tasks : 1. Complete practical task Plan and prepare for work of performing Obtain job requirements from specifications basic Identify and select auxiliary tools and/or equipment to carry out work processes in a safe manner $\checkmark$ mechanical ✓ Identify and minimise hazards and risks associated with job requirements works using Perform hand-saw cutting hand tools ✓ Select saw and saw blade according to job requirements under Apply safe hand-saw cutting process observation by ✓ Check for conformance with job requirements an assessor Perform thread cutting Select thread cutting tools & equipment according to job requirements ✓ Apply safe thread cutting process ✓ Check for conformance with job requirements Perform filing Select appropriate file according to job requirements Apply safe filing process ✓ Check for conformance with job requirements Complete work Complete work related documents and procedures ✓ Perform final quality inspection Clean up and store tools, equipment and materials $\checkmark$ Meeting set timeframe appropriate for supplied mechanical maintenance work requiring basic use of hand tools basic 2. Other All candidate formative assessments completed by Instructor including; requirements ✓ Observations ✓ Demonstrations Questions and recorded answers All work produced as module projects and assignments Completed learner logbooks Completed work record Completed job records

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES/NO	ASSESSOR COMMENTS
1. Complete practical assessment of performing basic mechanical works using hand tools under observation by an assessor	During a practical assessment, under observation by an assessor, the candidate correctly carried out the following tasks:		
Planning and preparing	Obtained job requirements from specifications		
for work	Identified and select auxiliary tools and equipment to carry out work processes in a safe manner Identified and minimised hazards and risks associated with job requirements		-
Performing hand-saw	Selected saw and saw blade according to job requirements		
cutting	Applied safe hand-saw cutting process		-
	Checked for conformance with job requirements		-
Performing thread cutting	Selected thread cutting tools & equipment according to job requirements		
	Applied safe thread cutting process		-
	Checked for conformance with job requirements		
Performing filing	Selected appropriate file according to job requirements		-
	Applied safe filing process as per requirement		-
	Checked for conformance with job requirements		
Completing work	Completed work related documents and procedures		_
	Performed final quality inspection		_
	Cleaned up and store tools, equipment and materials		
	Met set timeframe appropriate for supplied mechanical works requiring basic use of hand tools		
1. Complete knowledge assessment	Candidate's answers to questions are correct and demonstrate understanding of the topics and their application.		
	Assessor to document below all questions asked and candidate answers. Use extra sheets if required and attach here		
2. Other requirements	<ul> <li>All learner log books and formative assessments completed by Instructor including;</li> <li>✓ Observations</li> <li>✓ Demonstrations</li> <li>✓ Questions and recorded answers</li> <li>Any work completed as course assignments</li> <li>Completed work forms</li> <li>Completed job cards</li> </ul>		



## LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

	This section contains information regarding;
INSTRUCTIONS	Context of the assessment
	List of required tools and equipment.
	<ul> <li>List of consumable items required during the service</li> </ul>
1. Context of	This practical skill demonstration will be conducted in a Micro Hydro Power Plant lab/workshop environment
Assessment	

2. Lis	2. List of tools and equipments required				
S. No Tools and equipment		Quantity			
1	Personal protective equipment	Candidate's own set			
2	MHP hand tools and equipment	1 per candidate			

3.	3. List of consumable items required				
S. I	No	Consumable items	Quantity		
	1	Job requirements	1 set per candidate		





ASSESSMENT MATERIAL EVIDENCE GUIDE Qualification code: LEN0261.v1 Level: 1 Credit: 44 Version: 1	Apply Micro Hydel Power (Helper) skills for MHP plant
CONTENTS	<ol> <li>Assessment Summary and Record</li> <li>Candidate Assessment</li> <li>Assessor Judgement Guide</li> <li>List of required tools/ equipment, material and context of assessment</li> </ol>
ASSESSMENT AND ASSESSOR	Competent Not Yet Competent
DETAILS	Assessment Re-Assessment
	Assessor Name: Assessor Code Assessor Signature Date DD MM YYYY
	Candidate Name:
CANDIDATE DETAILS	Father Name         Institute Name and         District         CNIC #         OR         Registration Number:         Gender
	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 NAVTTC
	DATE FORM DD MM YYYY 2. DATE ENTERED INTO DATABASE: DD MM YYYY

## ASSESSMENT SUMMARY AND RECORD

ACTIVITY	METHOD				DESIRED OUTCOMES	RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	PORTFOLIO	OBSERVATION	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF: APPLY MICRO HYDEL POWER (HELPER) SKILLS FOR MHP PLANT		NOT YET COMPETENT
Practical skill demonstration			~	~	<ul> <li>Complete supplied project brief related to the application of Micro Hydel Power (Helper) skills for MHP plant: <ul> <li>Maintain health, safety and cleanliness</li> <li>Carry out maintenance procedures as Micro Hydel Power (Helper)</li> <li>Demonstrate positive workplace attitude and behaviors</li> <li>Communicate in different work contexts</li> <li>Apply basic reading, writing and speaking skills in different life contexts</li> <li>Apply basic numeracy skills in different life contexts</li> <li>Produce a plan for career options related to a Micro Hydel Power operations</li> </ul> </li> </ul>		
Knowledge assessment		~			Answer all questions Assessment Panel will have following oral presentation of completed project brief		
Other requirements	✓	~	~	~	<ul> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> <li>Oral presentation of project to assessment panel</li> <li>Completed plan for career options related to a Micro Hydel Power operations</li> </ul>		

Candidate Name

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

#### **GUIDANCE TO CANDIDATE**

To meet this standard you are required to:

Apply Micro Hydel Power (Helper) skills for MHP plant •

ACTIVITIES	CANDIDATE RESPONSE				
1. Complete portfolio of evidence	<ul> <li>All completed course assignments</li> <li>Completed work forms</li> <li>Completed job records</li> <li>Completed plan for career options related to Micro Hydel Power operations</li> <li>All learner log books and formative assessments completed by Instructor including;         <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> </ul>				
2. Complete project brief of Apply Micro Hydel Power (Helper) skills for MHP plant under observation by Instructor	<ul> <li>I will correctly complete requirements of supplied project brief under the following conditions:         <ul> <li>In a group or individually, as required by project brief</li> <li>Supplied brief will require a 5 day period to complete in a workshop environment</li> </ul> </li> <li>Your Assessment Panel will be looking for your competence in:         <ul> <li>Demonstrating task skills, task management (integration of tasks), managing any contingencies which may arise and task outcomes throughout the project timeframe</li> <li>Applying knowledge and skill in the working environment</li> </ul> </li> </ul>				
3. Present completed project brief supplied by Instructor	<ul> <li>Oral presentation of project brief and completed project work to Assessment Panel.</li> <li>Presentation to include:         <ul> <li>Requirements of brief</li> <li>Planning and preparation of project</li> <li>Problems encountered and how they were dealt with</li> <li>Project outcome/s</li> <li>Lessons learnt from undertaking project (reflective thinking)</li> </ul> </li> <li>Presentation to take no longer than 10 minutes</li> </ul>				
4. Answer all questions Assessor Panel will have following project presentation	My answers to questions are correct and demonstrate my understanding of the topics and their application.				

Candidate Name				
INSTRCUTIONS FOR ASSESSMENT PANEL	<ul> <li>THIS SECTION CONTAINS MINIMUM EVIDENCE REQUI</li> <li>The Assessment Panel will consist of a regis sector expert</li> <li>The project brief will consist of integrated tas evidence of their competence in the skills red</li> <li>The project brief must be suitable for the leve</li> <li>The timeframe for completion of assigned pr</li> <li>The candidate may work in a team or as an in contribution of each candidate must be clear</li> </ul>	tered Assessor k requirements quired to work a el of knowledge oject brief is 5 v ndividual to cor	to enable the candidate to supply sufficient as a MHP (Helper) and skills required (i.e. Level 1) working days mplete the project brief. If in a team, the	
ACTIVITIES	MINIMUM EVIDENCE REQUIRED	YES/NO	ASSESSOR COMMENTS ON CANDIDATE PERFORMANCE	
1. Present portfolio of evidence	<ul> <li>All completed course assignments</li> <li>Completed work forms</li> <li>Completed job records</li> <li>Completed plan for career options related to Micro Hydel Power operations</li> <li>All learner log books and formative assessments completed by Instructor including; <ul> <li>Observations</li> <li>Demonstrations</li> <li>Questions and recorded answers</li> </ul> </li> </ul>			
2: Complete project brief of Apply Micro Hydel Power (Helper) skills for MHP plant under observation by Instructor	<ul> <li>Completed requirements of supplied project brief under the following conditions:</li> <li>In a group or individually, as required by project brief         <ul> <li>Supplied brief will require a 5 day period to complete in a workshop environment</li> <li>Demonstrated:                 <ul> <li>Required task skills</li> <li>Integrating tasks</li> <li>Managing any contingencies which may arise</li> <li>Achieving task outcomes throughout the project timeframe</li> </ul> </li> </ul></li></ul>			
3. Present completed project brief supplied by Instructor	<ul> <li>Oral presentation of project brief and completed project work to Assessment Panel.</li> <li>Presentation to include:         <ul> <li>Requirements of brief</li> <li>Planning and preparation of project</li> <li>Problems encountered and how they were dealt with</li> <li>Project outcome/s</li> <li>Lessons learnt from undertaking project (reflective thinking)</li> </ul> </li> </ul>			

ACTIVITIES	CTIVITIES MINIMUM EVIDENCE REQUIRED		/NO	ASSESSOR COMMENTS ON CANDIDATE PERFORMANCE
4. Answer any questions their Assessor may have during the practical assessment	Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application. Assessor to document all questions asked, if any, and the answers here:			

## LIST OF TOOLS, EQUIPMENT, MATERIAL AND CONTEXT OF ASSESSMENT

Instructions	This section contains information regarding; <ul> <li>Context of the assessment</li> </ul>				
	List of required tools and equipment.				
	List of consumable items required during the service				
1. Context of	This task will be performed in MHP plant lab/workshop environment.				
Assessment					
	Required tools, equipment and consumables will vary according to project brief.				

### National Vocational and Technical Training Commission (NAVTTC)

- 🗟 5th Floor Evacuee Trust Complex Sector F-5/1, Islamabad.
- ╚ +92 51 9044 04
- ☞ +92 51 9044 04
- 🖄 info@navttc.org
- © www.navttc.org