



Model Curriculum

QP Name: Assistant Technician - Street Light Installation & Maintenance

QP Code: PSS/Q2506

QP Version: v2.0

NSQF Level: 3

Model Curriculum Version: v2.0

Power Sector Skill Council (PSSC) || Plot No. 4, Institutional Area, CBIP Building, Malcha Marg, Chanakyapuri, New Delhi- 110021

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Training Parameters

Sector	Power
Sub-Sector	Distribution
Occupation	Erection, Installation and Commissioning – Distribution & Operation and Maintenance – Distribution
Country	India
NSQF Level	3
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7413.9900
Minimum Educational Qualification and Experience	8th Class Pass + ITI(Electrical) OR 8th Class Pass with 1 year of relevant experience OR 10th Pass
Pre-Requisite License or Training	NA
Minimum Job Entry Age	18 years
Last Reviewed On	
Next Review Date	31/3/2025
NSQC Approval Date	31/3/2022
QP Version	v2.0
Model Curriculum Creation Date	
Model Curriculum Valid Up to Date	31/3/2025
Model Curriculum Version	v2.0
Minimum Duration of the Course	300 Hours

Maximum Duration of the Course	300 Hours
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Program Overview

This program is for training the candidates to become competent as an Assistant Technician - Street Light Installation & Maintenance, who is responsible for making underground cables joints and preparing overhead cable terminations.

Training Outcomes

At the end of the program, the learner should have acquired the listed knowledge and skills.

- Identify requirements such as tools, equipment, accessories and fixtures required for street lighting system installation work.
- Perform street lighting system installation as per the requirements.
- Lay underground cable for street lighting system.
- Perform testing and repairing of defects in street lighting system.
- Comply with the health and safety practices followed in the organisation.
- Working effectively with colleagues, supervisor etc. at the workplace.

Compulsory Modules

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
Bridge Module	08:00	00:00	0:00	0:00	08:00
Module 1: Introduction to the sector and the job	08:00	00:00	0:00	0:00	08:00
PSS/N2510: Perform installation of street lighting system NOS Version No. – 1.0 NSQF Level – 3	40:00	53:00	10:00	0:00	103:00
Module 2: Basic concepts of electricity	04:00	08:00	3:00	0:00	15:00

Module 3: Street light installation	20:00	27:00	3:00	0:00	50:00
Module 4: Laying underground cable for street lighting system	16:00	18:00	4:00	0:00	38:00
PSS/N2511: Perform testing and repairing of street lighting system NOS Version No. – 1.0 NSQF Level – 3	20:00	27:00	3:00	0:00	50:00
Module 5: Testing and repairing of street lighting system	20:00	27:00	3:00	0:00	50:00
PSS/N1331- Apply basic health and safety practices for power related work NOS Version No. – 2.0 NSQF Level – 2	20:00	25:00	7:00	0:00	52:00
Module 6: Workplace health and safety practices	08:00	10:00	2:00	0:00	20:00
Module 7: Fire safety practices	06:00	07:00	2:00	0:00	15:00
Module 8: Emergencies, rescue and first-aid procedures	06:00	08:00	3:00	0:00	17:00
PSS/N1336- Work effectively with others NOS Version No. – 2.0 NSQF Level – 2	15:00	20:00	5:00	0:00	40:00
Module 9: Working effectively with others	15:00	20:00	5:00	0:00	40:00
SGJ/N1702- Optimize resource utilization at workplace NOS Version No. – 1.0	17:00	25:00	5:00	0:00	47:00

NSQF Level – 3					
Module 10: Material conservation	05:00	08:00	1:00	0:00	13:00
Module 11: Energy/electricity conservation	06:00	10:00	1:00	0:00	16:00
Module 12: Waste management/ recycling	06:00	07:00	3:00	0:00	16:00
Total Duration	120:00	150:00	30:00	0:00	300:00

Module Details

Module 1: Introduction to the sector and the job

Bridge Module

Terminal Outcomes:

- Discuss the importance of Assistant Technician - Street Light Installation & Maintenance.
- Discuss the role and responsibilities of an Assistant Technician - Street Light Installation & Maintenance.

Duration: 08:00	Duration: 00:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Discuss Power industry and Distribution sub-sector. • Describe the size and scope of the power industry. • List job opportunities for an Assistant Technician - Street Light Installation & Maintenance. • List key responsibilities of an Assistant Technician - Street Light Installation & Maintenance. 	
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Nil	

Module 2: Basic Concepts of electricity

Mapped to PSS/N2510 v1.0

Terminal Outcomes:

- Explain the basic concepts of electricity

Duration: 05:00	Duration: 08:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Discuss the basic laws of electricity such as Ohms law, Kirchhoff's Voltage Law (KVL) and Kirchhoff's Current Law (KCL) in electrical installations. 	<ul style="list-style-type: none"> • Illustrate the procedure of measuring and calculating electrical quantities such as current, voltage, resistance, impedance, power factor and energy.

<ul style="list-style-type: none"> Recall common electricity terminology used in industry. List various symbols used in electrical components. State the electrical units used to measure energy outputs like KVA, KWH, etc. Explain the basic concepts of AC single phase and three-phase supply and current and voltage transmission Discuss the relevance of power factor. Discuss the basic laws and principles of electricity in relation to energy meters. 	<ul style="list-style-type: none"> Demonstrate the process of splicing and connecting electrical wires.
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Voltmeter, Ammeter, Wattmeter, basic components, Energy Meter (single phase and three phase) etc.	

Module 3: Street light installation Mapped to PSS/N2510 v1.0

Terminal Outcomes:

- Identify tools and equipment for street light installation work.
- Plan the street light and cable lay work.
- Perform installation of street lighting system as per the requirements.

Duration: 20:00	Duration: 27:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> Discuss various types of street light fixtures and their selection parameters. Describe the function of various types of protection devices in lighting system. Discuss wiring and layout diagrams of street light. Discuss ratings and specifications of cables, fuses, switches and wires 	<ul style="list-style-type: none"> Prepare a sample plan for street lighting system installation and cable lay work by conducting a route survey. Demonstrate the use of tools and equipment for installing street light. Demonstrate the procedure of selecting the street lighting system based on lighting parameters and system requirements.

<p>used to install a street lighting system.</p> <ul style="list-style-type: none"> • List the parameters for preparing a plan for street lighting system installation and cable-lay work. • List the tools and equipment required during street light installation work. • Describe the considerations and parameters for selection of street lighting system. • Elaborate the procedure for installing street lighting system. • Describe the method and importance of testing street light fixtures and drivers before installation. • List the steps to be performed for installing protection devices with street lighting system. • Explain the function of lighting system control switch and how to set its time for automatic switching operation. 	<ul style="list-style-type: none"> • Apply appropriate ways for testing street light fixtures and drivers before installation. • Demonstrate the installation of protection devices for street lighting system. • Employ appropriate way for connecting street light fixture with power line. • Demonstrate how to set the time of lighting system control switch for automatic switching operation.
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Street light accessories, screw driver, combination plier, phase tester, digital multimeter, clip on meter, lux meter, neon tester etc.	

Module 4: Laying underground cable for street lighting system

Mapped to PSS/N2510 v1.0

Terminal Outcomes:

- Identify tools and equipment for cable laying work.
- Perform installation and testing of underground cable for street lighting system.

Duration: 15:00	Duration: 18:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes

<ul style="list-style-type: none"> List the tools and equipment required during underground cable laying work. Discuss the importance of cabling system of street light. List the parameters to select underground cables. List the steps to be performed while laying underground cables properly. Describe post-installation activities such as testing, troubleshooting, rectification of problems, etc. List the steps of troubleshooting and rectification in underground cabling system. Describe the importance and method of testing the cables and connections of street light. Describe the importance and way of escalating problems occurred during street light installation and underground cable laying work. 	<ul style="list-style-type: none"> Demonstrate organisational specified procedure and use of tools and equipment required during underground cable laying work. Demonstrate the procedure of selecting and laying the underground cable for street lighting system as per the standards. Employ appropriate way for connecting the power supply from distribution transformer with street lighting system. Demonstrate the procedure of trouble shooting and rectification in underground cabling system. Prepare a sample report for the supervisor about problems occurred during street light installation and underground cable laying work. Apply appropriate ways for testing cables and connections of street light.
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Street light accessories, screw drive, combination plier, phase tester, digital multimeter, clip on meter, lux meter, neon tester etc.	

Module 5: Testing and repairing of street lighting system

Mapped to PSS/N2511 v1.0

Terminal Outcomes:

- Identify tools and equipment for testing and repairing of street lighting system.
- Perform testing and repairing of street lighting system.

Duration: 20:00	Duration: 27:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> List the components and protection devices with technical specifications associated with street lighting 	<ul style="list-style-type: none"> Demonstrate organisational specified procedure and use of tools and

<p>system.</p> <ul style="list-style-type: none"> • Describe various testing, inspection and repairing methods of defects in street lighting system. • List the tools and equipment required for testing and repairing of street lighting system. • Identify checklist for testing of street lighting system. • Describe lux level of light fixture and how to check it. • List the steps to be performed for testing continuity and supply across street lighting system. • List the steps to be performed for checking and repairing protection devices of lighting system. • List the steps to be performed for trouble shooting and repairing of problems in underground electrical wiring. • Describe the methods for checking and repairing defects in components of street lighting system. 	<p>equipment for testing and repairing of street lighting system.</p> <ul style="list-style-type: none"> • Employ appropriate ways for checking the intersections, joints, junction box, street light fixture, light bulb, fixture and other parts for any defects. • Demonstrate use of lux meter for checking the lux level of light fixture. • Apply appropriate way for testing the supply across MCB / ON-OFF switch and wiring of street lighting system. • Demonstrate use of multimeter or tester or clipon meter for testing the continuity of supply across street lighting system. • Employ appropriate ways for checking and repairing the defects in protection devices of lighting system. • Demonstrate the procedure of troubleshooting and repairing of problems in underground electrical wiring. • Apply appropriate methods for checking and repairing the defects in components of street lighting system. • Employ appropriate ways for replacing or repairing the existing light fixture with modern light fixture.
<p>Classroom Aids:</p>	
<p>Computer, Projection Equipment, PowerPoint Presentation, Facilitator's Guide, Participant's Handbook</p>	
<p>Tools, Equipment and Other Requirements</p>	
<p>Street light accessories, screw drive, combination plier, phase tester, digital multimeter, clip on meter, lux meter, neon tester etc.</p>	

Module 6: Workplace health and safety practices

Mapped to PSS/N1331 v2.0

Terminal Outcomes:

- Describe the various risks and hazards at the workplace and their preventive and corrective measures
- Apply the preventive and corrective measures to protect self and others from common workplace hazards and risk

Duration: 08:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • State the importance of working in clean and safe environment. • Identify potential health and safety risks and hazards in the work environment and their possible causes. • Describe preventive and remedial measures to deal with common health and safety risks and hazards in the work environment. • Describe safe working practices while working with energy meter. • Explain the methods of accident prevention • Identify health and safety equipment at the workplace and their locations. 	<ul style="list-style-type: none"> • Apply safe work practices while working with electrical equipment. • Apply specific safety measures to be undertaken while installing, commissioning of energy meter • Apply general preventive and remedial safety measures for physical, chemical, ergonomic and thermal risks and hazards. • Illustrate correct use of various health and safety equipment at the workplace. • Demonstrate good housekeeping practices.
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Helmet, gloves, rubber mat, ladder, neon tester, leather or asbestos gloves, flame proof aprons, flame proof overalls buttoned to neck, cuff less (without folds) trousers, reinforced footwear, helmets/hard hats, cap and shoulder covers, ear defenders/plugs, safety boots, knee pads, particle masks, glasses/goggles/visors, hand and face shields, machine guards, residual current Devices, shields, dust sheets, respirator.	

Module 7: Fire safety practices

Mapped to PSS/N1331 v2.0

Terminal Outcomes:

- Describe the preventive and remedial measures to deal with fires
- Apply the preventive and corrective measures to protect self and others from fire hazards

Duration: 06:00	Duration: 07:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none">• Identify various causes of fire, such as heating of metal; spontaneous ignition; sparking; electrical heating; loose fires, smoking, welding, chemical fires; etc.• Describe the different methods of extinguishing a fire.• Identify the various materials used for extinguishing fire, such as sand, water, foam, CO2 and dry powder based on the type of fire.• Describe the techniques of using different types of fire extinguishers.• State preventive and housekeeping measures for eliminating fire hazard.• Interpret various types of safety signs.	<ul style="list-style-type: none">• Illustrate the use various types of fire extinguisher for Class A, B, C, D and E fire.• Demonstrate rescue techniques adopted during a fire incident.• Maintain good housekeeping in order to prevent fire hazards.
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Personal Protective Equipment (PPE) for fire-fighting, various kind of fire extinguishers, other materials used for extinguishing fire such as sand, blankets and water	

Module 8: Emergencies, rescue and first-aid procedures
Mapped to PSS/N1331 v2.0

Terminal Outcomes:

- Respond appropriately to various types emergencies
- Apply the preventive measures to protect self and others from various types of emergencies
- Apply rescue and first-aid measures in an emergency

Duration: 06:00	Duration: 08:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Discuss various types of emergencies and the correct response for each. • State the precautions to be taken while freeing a person from electrocution. • State the basic first-aid procedures and the techniques of bandaging. • Explain the application of CPR and the conditions in which it is to be performed. • Discuss best practices while reporting an incident. 	<ul style="list-style-type: none"> • Dramatize (through role-play) appropriate respond to an accident situation or medical emergency. • Demonstrate loss minimization or rescue activity during an accident or medical emergency. • Administer first aid to the victims for injuries, such as bleeding, burns, choking, electric shock, poisoning etc. • Perform basic emergency procedures during emergency mock drills for better understanding of procedures applied in emergencies, such as raising alarm, safe/efficient evacuation, correct ways of escape, correct assembly point, roll call, correct return to work. • Demonstrate the artificial respiration and the CPR Process. • Illustrate how to free an affected person from electrocution safely. • Perform safe movement of injured people and others to a safe place during emergencies.
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator’s Guide, Participant’s Handbook	
Tools, Equipment and Other Requirements	

First aid kit.

Module 9: Working effectively with others

Mapped to PSS/N1336 v2.0

Terminal Outcomes:

- Communicate effectively at the workplace
- Work in a team with a positive and helpful attitude
- Act responsibly and in a disciplined manner

Duration: 15:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none">• State the importance of effective communication in the workplace.• Describe various categories of people that one is required to communicate and coordinate with, in an organisation.• Identify various components of effective communication.• Explain the value and importance of active listening and assertive communication.• State the importance of teamwork and developing effective working relationships for professional success.• State the importance of ethics and discipline for professional success.• Explain what constitutes disciplined behaviour for a working professional.	<ul style="list-style-type: none">• Apply practices that improve effectiveness and communication etiquette while working, such as avoidance of abusive language; using appropriate titles and terms of respect; do not eat or chew while talking etc.• Illustrate the use of appropriate tone, pitch and language to convey politeness, assertiveness, care and professionalism.• Apply practices that improve team effectiveness.• Dramatize (through role-play) disciplined behaviours at the workplace, such as punctuality; completing tasks within agreed timescales, ensuring quality standards; not gossiping and wasting time, honesty, etc.• Dramatize (Role-play) the process for escalation of grievances and problems.
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Nil	

Module 10: Material Conservation
Mapped to SGJ/N1702 v1.0

Terminal Outcomes:

- Optimize usage of material at work

Duration: 05:00	Duration: 08:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Explain the importance of optimizing the use of materials at the workplace. • Describe practices of efficient and inefficient management and utilization of material and water at the workplace. • Explain the importance of immediate escalation of material wastage problems that cannot be rectified to appropriate authority. 	<ul style="list-style-type: none"> • Employ suitable methods to optimize the usage of materials including water at the workplace. • Inspect the work area for spills/leakages. • Demonstrate measures adopted to plug spills/leakages. • Demonstrate routine cleaning of tools, machines and equipment.
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Materials and tools and equipment used at work	

Module 11: Energy/electricity conservation
Mapped to SGJ/N1702 v1.0

Terminal Outcomes:

- Optimize usage of energy/electricity at work

Duration: 06:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> • Explain the importance of optimizing the use of energy/electricity at the workplace. • Describe the use of prevalent energy efficient devices. • Describe practices of efficient and inefficient management and utilization of energy/electricity. • List ways to recognize common electrical problems. 	<ul style="list-style-type: none"> • Apply appropriate measures to use energy/electricity at the workplace optimally. • Inspect the work area for improperly connected electrical equipment. • Demonstrate the measures taken to plug spills/leakages. • Demonstrate routine cleaning of tools, machines and equipment.

<ul style="list-style-type: none"> Explain the importance of immediately reporting malfunctioning (fumes /sparks /emission /vibration /noise) and lapse in maintenance of equipment. 	
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Energy saving devices	

Module 12: Waste management/recycling

Mapped to SGJ/N1702 v1.0

Terminal Outcomes:

- Minimise waste generation
- Dispose waste with as per industry approved standards

Duration: 06:00	Duration: 07:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul style="list-style-type: none"> Identify recyclable and non-recyclable, and hazardous waste generated. Describe the use of prevalent energy efficient devices. Describe practices of efficient and inefficient. management and utilization of energy/electricity. List ways to recognize common electrical problems. Explain the importance of immediately reporting malfunctioning(fumes/sparks/emission/vibration/noise) and lapse in maintenance of equipment. 	<ul style="list-style-type: none"> Segregate waste into different categories Demonstrate disposal of non-recyclable, recyclable and reusable waste appropriately Demonstrate disposal of hazardous waste
Classroom Aids:	
Computer, Projection Equipment, PowerPoint Presentation and software, Facilitator's Guide, Participant's Handbook	
Tools, Equipment and Other Requirements	
Non-recyclable, recyclable and reusable waste	

Annexure

Trainer Requirements

Trainer Prerequisites						
Minimum Educational Qualification <Select the minimum educational requirements, such as 12 th Pass, Graduate or NSQF certified.>	Specialization <Specify the areas of specialization that are desirable.>	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
BE/ BTech	Electrical Engineering	1	As Engineer in State power utility or with turnkey contractors			
Diploma	Electrical Engineering	3	As Junior Engineer in State power utility or with turnkey contractors			
ITI	Electrician	5	As technician working in erection of power distribution lines and sub-stations etc.			

Trainer Certification	
Domain Certification	Platform Certification
"Assistant Technician - Street Light Installation & Maintenance, PSS/Q2506, v2.0". Minimum accepted score is 80%.	"Trainer, MEP/Q2601, v1.0". Minimum accepted score is 80%.

Assessor Requirements

Assessor Prerequisites						
Minimum Educational Qualification <Select the minimum educational requirements, such as 12 th Pass, Graduate or NSQF certified.>	Specialization <Specify the areas of specialization that are desirable.>	Relevant Industry Experience		Training/Assessment Experience		Remarks
		Years	Specialization	Years	Specialization	
BE/ BTech	Electrical Engineering	1	As Engineer in State power utility or with turnkey contractors			
Diploma	Electrical Engineering	3	As Junior Engineer in State power utility or with turnkey contractors			

Assessor Certification	
Domain Certification	Platform Certification
“Assistant Technician - Street Light Installation & Maintenance, PSS/Q2506, v2.0”. Minimum accepted score is 80%.	“Assessor, MEP/Q2701 v1.0”. Minimum accepted score is 80%.

Assessment Strategy

The emphasis is on 'learning-by-doing' and practical demonstration of skills and knowledge based on the performance criteria. The assessment papers are developed by Subject Matter Experts (SME) available with the Assessment Agency as per the performance and assessment criteria mentioned in the Qualification Pack. The assessments papers are also checked for the various outcome based parameters such as quality, time taken, precision, tools & equipment requirement etc. The assessment sets are then reviewed by PSSC official for consistency. The assessments are designed so as to assess maximum parts during the practical hands on work. The technical limitations at the training centres are taken care in theory and viva. Criteria such as use of lift to pick heavy objects or selection of fire extinguisher during a fire are also assessed under theory/viva.

The assessment agencies are instructed to hire assessors with integrity, reliability and fairness. Each assessor shall sign a document with its assessment agency by which they commit themselves to comply with the rules of confidentiality and conflict of interest, independence from commercial and other interests that would compromise impartiality of the assessments. The assessment agencies are instructed to ideally have assessor with minimum 5 years industry experience as an ITI graduate / minimum 3 years' industry experience as diploma engineer and minimum 1 years' industry experience as graduate engineer.

The assessors selected by Assessment Agencies are scrutinized and made to undergo training and introduction to PSSC Assessment Framework, competency based assessments, assessors guide etc.

The assessors are provided with assessor's guide developed by the Subject Matter Expert of the assessment agency as per the assessment framework. The assessment guides are developed to ensure the maximum possible consistency in the assessment by different assessors and elaborate on the following

1. Qualification Pack Structure
2. Guidance for the assessor to conduct theory, practical and viva assessments (exposed in Training of Assessors TOA)

3. Guidance for trainees to be given by assessor before the start of the assessments.
4. Guidance on assessments process, practical brief with steps of operations practical observation checklist and mark sheet
5. Viva guidance for uniformity and consistency across the batch.
6. Guidance on assessment evidence collection

The assessment results are backed by evidences collected by assessors.

1. The assessor needs to collect a copy of the attendance for the training done under the scheme. The attendance sheets are signed and stamped by the In charge /Head of the Training Centre.
2. The assessor needs to verify the authenticity of the candidate by checking the photo ID card issued by the institute as well as any one Photo ID card issued by the Central/Government. The same needs to be mentioned in the attendance sheet. In case of suspicion, the assessor should authenticate and cross verify trainee's credentials in the enrolment form.
3. The assessor needs to take a photograph of all the students along with the assessor standing in the middle and with the centre name/banner at the back as evidence.
4. The assessor needs to carry a camera to click photograph of the trainees working on the job and giving theory exam as evidence.
5. The assessor also needs to carry a photo ID card.
6. The assessor also needs to take the photographs as evidence from appropriate angles/sides of the final work piece/job submitted by the trainee. This evidence is signed by the trainee at the time of submission of the job piece.
7. The assessor needs to measure the dimensions and finish of the submitted job piece as per the tolerance or standards mentioned in the assessment guide.
8. The assessor will also check internal record of assignments, performance records and feedback provided to candidates.

References

Glossary

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.

Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.
Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.

Acronyms and Abbreviations

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training