







Model Curriculum

QP Name: Tower Technician

QP Code: TEL/Q4100

QP Version: 4.0

NSQF Level: 4

Model Curriculum Version: 4.0

Telecom Sector Skill Council Estel House, 3rd Floor, Plot No:- 126, Sector 44 Gurugram, Haryana 122003







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Training Parameters

Sector	Telecom
Sub-Sector	Passive Infrastructure
Occupation	Operation and Maintenance – Passive Infrastructure
Country	India
NSQF Level	4
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7422.3001
Minimum Educational Qualification and Experience	11th grade pass OR Completed 1st year of 3- year diploma (after 10th) and pursuing regular diploma OR 10th grade pass and pursuing continuous schooling OR 10th Grade Pass with 2-year relevant experience OR Previous relevant Qualification of NSQF Level 3 with minimum education as 5th Grade pass with 2-year relevant experience
Minimum Level of Education for Training in School	NA
Pre-Requisite License or Training	NA
Minimum Job Entry Age	17 Years
Last Reviewed On	30/12/2021
Next Review Date	30/12/2024
NSQC Approval Date	30/12/2021
QP Version	4.0
Model Curriculum Creation Date	30/12/2021
Model Curriculum Valid Up to Date	30/12/2024
Model Curriculum Version	4.0
Minimum Duration of the Course	540 Hours, 0 Minutes
Maximum Duration of the Course	540 Hours, 0 Minutes







Program Overview

This section summarizes the end objectives of the program along with its duration.

Training Outcomes

At the end of the program, the learner will be able to:

- Perform preventive and corrective maintenance at the tower
- Optimize resources, work efficiently and adhere to safety standards
- Interact effectively with others while being sensitive of gender and persons with disabilities

Compulsory Modules

The table lists the modules, their duration and mode of delivery.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
Bridge Module(s)	20:00	10:00	00:00	00:00	30:00
Module 1: Role and Responsibilities of a Tower Technician	20:00	10:00	00:00	00:00	04:00
TEL/N4138- Maintain the Tower Site and Report Periodically NOS Version No. 2.0 NSQF Level 4	60:00	80:00	40:00	00:00	180:00
Module 2: Preventive and Corrective Maintenance at the Tower	60:00	80	40:00	00:00	180:00
TEL/N4139– Manage Site					
Operation Safely and Hygienically NOS Version No. 2.0 NSQF Level 4	50:00	80:00	80:00	00:00	210:00
Module 3: Manage Safe and Hygiene Site Operation	50:00	80:00	80:00	00:00	210:00
TEL/N9101- Organize Work and Resources as Per Health and Safety Standard NOS Version No. 2.0 NSQF Level 4	10:00	20:00	00:00	00:00	30:00
Module 4: Plan Work Effectively, Optimise Resources and Implement Safety Practices	10:00	20:00	00:00	00:00	30:00
TEL/N9102 – Interact effectively with Team Members and Customers NOS Version No. 2.0 NSQF Level 4	10:00	20:00	00:00	00:00	30:00







Module 5: Communication and Interpersonal Skills					
	10:00	20:00	00:00	00:00	30:00
DGT/VSQ/N0102 Employability Skills (60 Hours)	60:00	00:00	00:00	00:00	60:00
Total Duration	210:00	210:00	120:00	00:00	540:00







Module Details

Module 1: Role and Responsibilities of a Tower Technician **Bridge Module**

Terminal Outcomes:

- Describe the role and responsibilities of a Tower Technician
- Explain the scope of work for a Tower technician

Duration: 20:00	Duration: 10:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Discuss the size and scope of the Telecom industry and Passive infrastructure sub-sector Outline the course objectives and outcomes Identify the roles and responsibilities of a Tower Technician Discuss the career progression of a Tower Technician in the Telecom industry Explain the basics of telecom and the terminologies used in the work process 	 Perform hand and power tool for the maintenance and repairs on existing tower equipment Perform lifting tasks using cranes and rigging tools and equipment, including gin poles Demonstrate how to connect appropriate power, ground, or coaxial cables
Classroom Aids	
Whiteboard, Markers, Duster, Projector, Laptop, Tools, Equipment and Other Requirements NA	Presentation







Module 2: Preventive and Corrective Maintenance at the Tower Mapped to TEL/N4138 v 2.0

Terminal Outcomes:

- Perform preventive and corrective maintenance activities
- Complete the documentation process Outcome 3

Duration: 60:00	Duration: 80:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Discuss the functions of various electrical/electronic components and tools/equipment used at the tower site Discuss the importance and implications of maintenance activities at the tower site Describe fault analysis procedures and safety measures for different tools and mechanical equipment Distinguish between preventive and corrective maintenance Explain the processes of preventive maintenance and corrective maintenance Interpret the standard operating procedures while performing preventive and corrective maintenance and the escalation matrix Discuss commonly occurring hazards while handling the battery bank, AC (access concentrator), DG (diesel generator), PIU (power interface unit), SMPS (switched mode power supply), shelter, etc. at the tower site; along with related/appropriate precautions to avoid them List the do's and don'ts while installing a DG (Diesel Generator) and avoid common mistakes that occur during the process 	 Identify different tools and equipment required for preventive and corrective maintenance activities at the tower Perform discharge tests and equalization charging to remove the faulty cell from the battery bank Demonstrate Boost charging of the cell Inspect the Battery Bank, Diesel Generator, Air Conditioner, PIU (Power Interface Unit), and SMPS (Switched Mode Power Supply) to analyse for premature ageing and faults Perform the preventive and corrective maintenance of a DG, AC, PIU, SMPS, Tower and shelter Analyse the site uptime and compare with the site downtime Demonstrate the analyses and repair of recurring faults at the site Identify and fill requisite checklists for corrective and preventive maintenance Draft a report to escalate any faults or issues to the supervisor/authority
Classroom Aids	

Classroom Aids

Training kit (Trainer guide, Presentations), Whiteboard, Markers, Duster, Computer, Projector, Participant Handbook

Tools, Equipment and Other Requirements

PIU, PMU, Battery Bank, AC Unit, SMPS, DG set, Tester, Multi-meter, Electrical tools, Megger, Service Level Agreement, Related SOPs, etc.







Module 3: Manage Safe and Hygiene Site Operation Mapped to TEL/N4139 v 2.0

Terminal Outcomes:

- Manage Site Operation and site administration
- Maintain safety and hygiene at the site

and functions of different power various po- equipment. Understand three phase • Perform elec-	using and maintaining ver equipment cric wiring an inspection of all the echanical installations at the
 Distinguish between various features and functions of different power equipment. Understand three phase Demonstrate various po Perform elect 	using and maintaining ver equipment cric wiring an inspection of all the echanical installations at the
and functions of different power various po- equipment. Understand three phase • Perform elec-	ver equipment cric wiring an inspection of all the echanical installations at the
 Outline the fundamentals of electric wiring Understand the functioning of NOC (Network Operational Centre) and TOC (Telecom Operations Control) Describe various methods for monitoring civil and mechanical installation at the tower site Identify and describe the components and various aspects of distribution panel Discuss various types of alarms and the procedures to examine them Explain the functionalities and working of the sensors deployed on the site Adhere to the standards and follow the Show multip the faulty of the fault	, as to how reading of the oill can be captured and easuring and recording the

Classroom Aids

Training kit (Trainer guide, Presentations), Whiteboard, Markers, Duster, Computer, Projector, Participant Handbook

Tools, Equipment and Other Requirements

PIU, PMU, SPSM Battery Bank, AC Unit, Tester, multi meter and electrical tools, Megger







Module 4: Plan Work Effectively, Optimise Resources and Implement Safety Practices

Mapped to TEL/N9101 v 2.0

Terminal Outcomes:

 Explain how to plan work effectively, implement safety practices and optimise use of resources.

Duration: 10:00 Theory – Key Learning Outcomes • List the recent skills and technologies prevalent in the telecom industry. • Discuss the commonly occurring problems Duration: 20:00 Practical – Key Learning Outcomes • Prepare a time schedule to complete the tasks on the given time. • Demonstrate the use of safety equipment

• State the importance of keeping the workplace clean, safe and tidy.

with their causes and solutions.

- List different types of hazards and the procedure to report it to the supervisor.
- List the precautionary steps one needs to follow while handling hazardous materials.
- State the importance of participating in fire drills and other safety workshops.
- Discuss the significance of conforming to basic hygiene practices such as washing hands, using alcohol-based hand sanitizers.
- List the different methods of cleaning, disinfection, sanitization, etc.
- Discuss the importance of self-quarantine or self-isolation.
- Explain the path of disease transmission.
- Discuss organizational hygiene and sanitation guidelines and ways of reporting breaches/gaps, if any.
- Explain the ways to optimize usage of resources.
- Discuss various methods of waste management and disposal.
- List the different categories of waste for the purpose of segregation.
- Differentiate between recyclable and nonrecyclable waste.
- State the importance of using appropriate color dustbins for different types of waste.
- Discuss the common sources of pollution and ways to minimize it.

- Demonstrate the use of safety equipment such as goggles, gloves, ear plugs, shoes, etc.
- Demonstrate the correct postures while working and handling hazardous materials at the workplace.
- Demonstrate how to evacuate the workplace in case of an emergency.
- Show how to sanitize and disinfect one's work area regularly.
- Demonstrate the correct way of washing hands using soap and water.
- Demonstrate the correct way of sanitizing hands using alcohol-based hand rubs.
- Display the correct way of wearing and removing PPE such as face masks, hand gloves, face shields, PPE suits, etc.
- Demonstrate warning labels, symbols and other related signages.
- Perform basic checks to identify any spills and leaks and that need to be plugged /Stopped.
- Demonstrate different disposal techniques depending upon different types of waste.
- Employ different ways to clean and check if equipment/machines are functioning as per requirements and report malfunctioning, if observed.
- Demonstrate ways for efficient utilization of material and water.

Classroom Aids

White board/ black board marker / chalk, Duster, Computer or Laptop attached to LCD projector

Tools, Equipment and Other Requirements

Personal Protection Equipment: Safety glasses, Head protection, Rubber gloves, Safety footwear, Warning signs and tapes, Fire extinguisher and First aid kit







Module 5: Communication and Interpersonal Skills Mapped to TEL/N9102 v 2.0

Terminal Outcomes:

- Discuss how to communicate effectively and develop interpersonal skills
- Explain the importance of developing sensitivity towards differently abled people

Ouration: 10:00	Duration: 20:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Discuss the importance of following the standard operating procedures of the company w.r.t. priority, confidentiality and security Outline the organizational structure to receive work instruction and report issues to the supervisor Discuss the importance of having timely discussions with all genders to avoid repeated errors State the importance of co-ordinating and resolving conflicts with the team members to achieve smooth workflow Discuss about the different types of disabilities with their respective issues State the work ethics, workplace etiquettes as well as standards and guidelines for all genders and PwD List health and safety requirements for persons with disability Describe the rights, duties and benefits available at workplace for person with disability Explain the process of recruiting people with disability for a specific job Discuss the specific ways to help 	 Use different modes of communication as per requirement and need Prepare a sample report of the commonly occurring errors and their solutions Use inclusive language irrespective of the gender/ disability of the person Demonstrate appropriate behaviour towards all genders and differently abled people Prepare a list of institutes and government schemes that help PwD in overcoming challenges Demonstrate the ideal behaviour with a PwD in an organization
people with disability to overcome the challenges	

Whiteboard and Markers, Chart paper and sketch pens, LCD Projector and Laptop for presentations

Tools, Equipment and Other Requirements Sample

of escalation matrix, organisation structure







Module 6: On-the-Job Training Mapped to Tower Technician

Mandatory Duration: 120:00 Recommended Duration: 00:00

Location: On-Site

Terminal Outcomes

- 1. Use the tools and equipment required for preventive and corrective maintenance activities at the tower.
- 2. Conduct discharge tests and equalization checks for faulty cell in the battery bank.
- 3. Perform the steps to boost charge the cell.
- 4. Inspect the Battery Bank, Diesel Generator, Air Conditioner, PIU (Power Interface Unit), and SMPS (Switched Mode Power Supply) to find faults, if any and rectify these.
- 5. Demonstrate how to conduct preventive and corrective maintenance of a DG, AC, PIU, SMPS, Tower and shelter.
- 6. Verify the site uptime and ensure that it is minimal.
- 7. Ensure that the site downtime is planned and minimal.
- 8. List the recurring faults at the site and find ways to minimize these.
- 9. Escalate any faults or issues to the supervisor/authority if needed.
- 10. Use various power equipment for maintenance activities and ensure they are cleaned and stored properly.
- 11. Perform inspection of all the civil and mechanical installations at the site.
- 12. Check and find faulty alarms and take corrective measures to rectify these.
- 13. Demonstrate how to read the electricity bill can be captured and fuel consumption measured and recorded.
- 14. Ensure that all test readings and parameters are properly recorded.







Module 7: DGT/VSQ/N0102 Employability Skills (60 hours)

Mapped to Tower Technician

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	datory Duration: 60:0	0	
	tion: On-Site		T
S.N o.	Module Name	Key Learning Outcomes	Duration (hours)
1.	Introduction to Employability Skills	 Discuss the Employability Skills required for jobs in various industries. List different learning and employability related GOI and private portals and their usage. 	1.5
2.	Constitutional values - Citizenship	 Explain the constitutional values, including civic rights and duties, citizenship, responsibility towards society and personal values and ethics such as honesty, integrity, caring and respecting others that are required to become a responsible citizen. Show how to practice different environmentally sustainable practices. 	1.5
3.	Becoming a Professional in the 21st Century	 Discuss importance of relevant 21st century skills. Exhibit 21st century skills like Self-Awareness, Behavior Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn etc. in personal or professional life. Describe the benefits of continuous learning. 	2.5
4.	Basic English Skills	 Show how to use basic English sentences for every day. conversation in different contexts, in person and over the telephone. Read and interpret text written in basic English Write a short note/paragraph / letter/e -mail using basic English. 	10
5.	Career Development & Goal Setting	 Create a career development plan with well-defined short- and long-term goals. 	2
6.	Communication Skills	 Demonstrate how to communicate effectively using verbal and nonverbal communication etiquette. Explain the importance of active listening for effective communication. Discuss the significance of working collaboratively with others in a team. 	5
7.	Diversity & Inclusion	 Demonstrate how to behave, communicate, and conduct oneself appropriately with all genders and PwD. Discuss the significance of escalating sexual harassment issues as per POSH act. 	2.5
8.	Financial and Legal	Outline the importance of selecting the right financial	5

	l	
Literacy	Demonstrate how to carry out offline and online financial	
	 List the common components of salary and compute income, expenditure, taxes, investments etc. 	
	Discuss the legal rights, laws, and aids.	
Skills	 Demonstrate how to operate digital devices and use the associated applications and features, safely and securely. Discuss the significance of displaying responsible online 	10
	 platforms, e-mails, etc., safely and securely. Create sample word documents, excel sheets and presentations using basic features. Utilize virtual collaboration tools to work effectively. 	
Entrepreneurship	 Explain the types of entrepreneurship and enterprises. Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan. 	7
	Promotion and apply them as per requirement. Create a sample business plan, for the selected business opportunity.	
Customer Service	 Describe the significance of analyzing different types and needs of customers. Explain the significance of identifying customer needs and responding to them in a professional manner. Discuss the significance of maintaining hygiene and dressing appropriately. 	5
Getting Ready for Apprenticeship & Jobs	 Create a professional Curriculum Vitae (CV). Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively. Discuss the significance of maintaining hygiene and confidence during an interview. Perform a mock interview. List the steps for searching and registering for 	8
	Entrepreneurship Customer Service Getting Ready for Apprenticeship &	Demonstrate how to carry out offline and online financial transactions, safely and securely. List the common components of salary and compute income, expenditure, taxes, investments etc. Discuss the legal rights, laws, and aids. Essential Digital Skills Describe the role of digital technology in today's life. Demonstrate how to operate digital devices and use the associated applications and features, safely and securely. Discuss the significance of displaying responsible online behavior while browsing, using various social media platforms, e-mails, etc., safely and securely. Create sample word documents, excel sheets and presentations using basic features. Utilize virtual collaboration tools to work effectively. Explain the types of entrepreneurship and enterprises. Discuss how to identify opportunities for potential business, sources of funding and associated financial and legal risks with its mitigation plan. Describe the 4Ps of Marketing-Product, Price, Place and Promotion and apply them as per requirement. Create a sample business plan, for the selected business opportunity. Customer Service Describe the significance of analyzing different types and needs of customers. Explain the significance of identifying customer needs and responding to them in a professional manner. Discuss the significance of maintaining hygiene and dressing appropriately. Getting Ready for Apprenticeship & Jobs Jobs Create a professional Curriculum Vitae (CV). Use various offline and online job search sources such as employment exchanges, recruitment agencies, and job portals respectively. Discuss the significance of maintaining hygiene and confidence during an interview.

LIST OF TOOLS & EQUIPMENT FOR EMPLOYABILITY SKILLS				
S No.	Name of the Equipment	Quantity		
1.	Computer (PC) with latest configurations – and Internet connection with standard operating system and standard word processor and worksheet software (Licensed) (all software should either be latest version or one/two version below)	As required		
2.	UPS	As required		
3.	Scanner cum Printer	As required		
4.	Computer Tables	As required		
5.	Computer Chairs	As required		
6.	LCD Projector	As required		
7.	White Board 1200mm x 900mm	As required		
Note: Abo	ve Tools &Equipment not required, if Computer LAB is available in the institu	te.		







Annexure

Trainer Requirements (Tower Technician)

Trainer Prerequisites						
Minimum Educational	Specialization	Relevant Industry Experience		Training Experience		Remarks
Qualification		Years	Specialization	Years	Specialization	
Graduate	Science/Electronics/ Telecom/IT and other relevant field	1	Tower Maintenance	0	NA	Eligible for ToT Program

Trainer Certification				
Domain Certification	Platform Certification			
Job Role: "Tower Technician NSQF Level 4" "TEL/Q4100 v2.0", Minimum accepted score is 80%	Job Role: "Trainer", "MEP/Q2601" v1.0, Minimum accepted score is 80%			







Assessor Requirements (Tower Technician)

Assessor Pre-requisites						
Educational	Specialization	Relevant Industry Experience		Training Experience		Remarks
Qualification		Years	Specialization	Years	Specialization	
Graduate	Science/Electronics/ Telecom/IT and other relevant field	1	Tower Maintenance	0	NA	Eligible for ToA Progran

Assessor Certification				
Domain Certification	Platform Certification			
Job Role: "Tower Technician NSQF Level 4" "TEL/Q4100 v2.0", Minimum accepted score is 80%	Job Role: "Assessor", "MEP/Q2701" v1.0, Minimum accepted score is 80%			







Trainer Requirements (Employability Skills 60 hours)

Trainer Prerequisites						
Minimum Specialization Educational Qualification	Specialization	Relevant Industry Experience		Training Experience		Remarks
		Years	Specialization	Years	Specialization	
Graduate/CITS	Any discipline			2	Teaching experience	Prospective ES trainer should:
Current ITI trainers	Employability Skills Training (3 days full-time course done between 2019-2022)					 have good communication skills be well versed in English have digital skills
Certified current EEE trainers (155 hours)	from Management SSC (MEPSC)					 have attention to detail be adaptable have willingness to
Certified Trainer	Qualification Pack: Trainer (MEP/Q0102)					learn

Trainer Certification					
Domain Certification	Platform Certification				
Certified in 60-hour Employability NOS (2022), with a minimum score of 80%	NA				
OR Certified in 120-, 90-hour Employability NOS (2022), with a minimum score of 80%					

Master Trainer Requirements (Employability Skills 60 hours)

Master Trainer Prerequisites						
Minimum Educational	Specialization	Relevant Industry Experience		Training Experience		Remarks
Qualification		Years	Specialization	Years	Specialization	
Graduate/CITS	Any discipline			3	Employability Skills curriculum training experience with an interest to train as well as orient other peer trainers	Prospective ES Master trainer should: • have good communication skills • be well versed in English • have basic digital skills
Certified Master Trainer	Qualification Pack: Master Trainer (MEP/Q2602			3	EEE training of Management SSC (MEPSC) (155 hours)	have attention to

Master Trainer Certification					
Domain Certification	Platform Certification				
Certified in 60-hour Employability NOS (2022), with a minimum score of 90%.	NA				
OR					
Certified in 120-, 90-hour Employability NOS (2022), with a minimum score of 90 %					

Assessment Strategy

This section includes the processes involved in identifying, gathering and interpreting information to evaluate the learner on the required competencies of the program.

1. Assessment System Overview:

- Batches assigned to the assessment agencies for conducting the assessment on SDSM/SIP or email
- Assessment agencies send the assessment confirmation to VTP/TC looping SSC
- Assessment agency deploys the ToA certified Assessor for executing the assessment
- SSC monitors the assessment process & records

2. Testing Environment:

- · Confirm that the centre is available at the same address as mentioned on SDMS or SIP
- Check the duration of the training.
- Check the Assessment Start and End time to be as 10 a.m. and 5 p.m.
- If the batch size is more than 30, then there should be 2 Assessors.
- Check that the allotted time to the candidates to complete Theory & Practical Assessment is correct.
- Check the mode of assessment—Online (TAB/Computer) or Offline (OMR/PP).
- Confirm the number of TABs on the ground are correct to execute the Assessment smoothly.
- Check the availability of the Lab Equipment for the particular Job Role.

3. Assessment Quality Assurance levels / Framework:

- Question papers created by the Subject Matter Experts (SME)
- Question papers created by the SME verified by the other subject Matter Experts
- Questions are mapped with NOS and PC
- Question papers are prepared considering that level 1 to 3 are for the unskilled & semi-skilled individuals, and level 4 and above are for the skilled, supervisor & higher management
- Assessor must be ToA certified & trainer must be ToT Certified
- Assessment agency must follow the assessment guidelines to conduct the assessment

4. Types of evidence or evidence-gathering protocol:

- Time-stamped & geotagged reporting of the assessor from assessment location
- · Center photographs with signboards and scheme specific branding
- Biometric or manual attendance sheet (stamped by TP) of the trainees during the training period
- Time-stamped & geotagged assessment (Theory + Viva + Practical) photographs & videos

5. Method of verification or validation:

• Surprise visit to the assessment location







- Random audit of the batch
- Random audit of any candidate
- 6. Method for assessment documentation, archiving, and access
 - Hard copies of the documents are stored
 - Soft copies of the documents & photographs of the assessment are uploaded / accessed from Cloud Storage
 - Soft copies of the documents & photographs of the assessment are stored in the **Hard Drives**

Assessment Strategy (Employability Skills 60 hours)

The trainee will be tested for the acquired skill, knowledge and attitude through formative/summative assessment at the end of the course and as this NOS and MC is adopted across sectors and qualifications, the respective AB can conduct the assessments as per their requirements.







References

Glossary

Term	Description
Declarative Knowledge	Declarative knowledge refers to facts, concepts and principles that need to be known and/or understood in order to accomplish a task or to solve a problem.
Key Learning Outcome	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order to achieve the terminal outcomes. A set of key learning outcomes will make up the training outcomes. Training outcome is specified in terms of knowledge, understanding (theory) and skills (practical application).
OJT (M)	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on site
OJT (R)	On-the-job training (Recommended); trainees are recommended the specified hours of training on site
Procedural Knowledge	Procedural knowledge addresses how to do something, or how to perform a task. It is the ability to work, or produce a tangible work output by applying cognitive, affective or psychomotor skills.
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training .
Terminal Outcome	Terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.







Acronyms and Abbreviations

Term	Description
QP	Qualification Pack
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards
AC	Air Conditioner
DG	Diesel Generator
PIU	Power Interface Unit
SMPS	Switch Mode Power Supply
BB	Battery Bank
IPMS	Integrated Power Management System
ОРСО	Operating Company
PM	Preventive Maintenance
OPEX	Operating Expenditure
PPE	Personal Protective Equipment
RCA	Root Cause Analysis
PwD	Persons with Disabilities
CRM	Customer Relationship Management
EB	Electricity Board
RFS	Radio Frequency Services
NOC	Network Operating Centre
SRN	Service Request Number
ES	Employability Skills