





Model Curriculum

QP Name: Cluster In-Charge

QP Code: TEL/Q4101

QP Version: 3.0

NSQF Level: 5

Model Curriculum Version: 2.0

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
Country	India
NSQF Level	5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/3113.0901
Minimum Educational Qualification & Experience	Completed 2nd year of 3-year/ 4-years UG OR Pursuing 2nd year of 3-year/ 4-years UG and continuing education OR Completed 2nd year of diploma (after 12th) OR Pursuing 2nd year of 2-year diploma after 12th with No Experience required OR 12th pass with 2 years of any combination of NTC/NAC/CITS or equivalent. With No Experience required OR Previous relevant Qualification of NSQF Level 4 with 3-year relevant experience
Pre-Requisite License or Training	NA
Minimum Job Entry Age	21 Years
Last Reviewed On	27/01/2022
Next Review Date	27/01/2025
NSQC Approval Date	27/01/2022
QP Version	3.0
Model Curriculum Creation Date	27/12/2022
Model Curriculum Valid Up to Date	27/01/2025
Model Curriculum Version	2.0
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 should have acquired the listed knowledge and skills.

- Explain the role, responsibilities and scope of work of Cluster In-Charge.
- Maintain site hygiene and up-time.
- Manage site issues and expenditures.
- Plan work effectively while implementing safety practices and optimizing the use of resources.
- Develop interpersonal skills and sensitization towards all genders and persons with disability.

Compulsory Modules

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

NOS and Module Details	Theory	Practical	On-the-Job	On-the-Job	Total
	Duration	Duration	Training Duration (Mandatory)	Training Duration (Recommended)	Duration
Bridge Module					
	20:00	10.00	00:00	00:00	30:00
Module 1: Role and Responsibilities of a Cluster In-Charge <i>Bridge Module</i>	20:00	10.00	00:00	00:00	30:00
TEL/N4133 – Maintain					
Cluster Telecom Site NOS Version No. 1.0	60:00	80:00	40:00	00:00	180:00
NSQFLevel 5					
Module 2: Maintain site	60:00	80:00	40:00	00:00	180:00
hygiene and up-time					
TEL/N4136 – Manage Issues					
and Operational					
Expenditures (OPEX)	50:00	80:00	80:00	00:00	210:00
NOS Version No. 1.0					
NSQFLevel 5					
Module 3: Manage Issues, Maintenance and Operational Expenditures	50:00	80:00	80:00	00:00	210:00
TEL/N9103 – Implement effective interaction at workplace NOS Version No.1.0 NSQF Level 5	10:00	20:00	00:00	00:00	30:00
Module 4: Communication and Interpersonal skills	10:00	20:00	00:00	00:00	30:00

TEL/N9104 – Manage work, Resource and safety at workplace NOS Version No.1.0NSQF Level 5	10:00	20:00	00:00	00:00	30:00
Module 5: Working effectivelyand optimizing resources for a safe workplace	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	120:00	540:00

Module Details

Module 1: Role and Responsibilities of a Cluster In-Charge *Bridge Module*

Terminal Outcomes:

- Describe the role and responsibilities to be performed by a Cluster In-Charge.
- Explain the scope of work for a Cluster In-Charge.

Duration: 20:00	Duration: 10:00	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
 Outline the course objectives and outcomes. Explain the pre-requisites for the course Discuss the size and scope of the Telecom industry and Passive Infrastructure subsector. Examine opportunities for a Cluster In-Charge in the Passive Infrastructure subsector and the Telecom industry. Explain the responsibilities of a Cluster In-Charge. Describe the process workflow at a cluster site and the role of Cluster In-Charge in the process. List the various daily, weekly, monthly operations/activities that take place at the site under supervision of a Cluster In-Charge. Discuss the organisational policies on workplace ethics, managing sites, quality standards, personnel management and Public Relations (PR). 	 Chart the process flow of a cluster site Evaluate case studies outlining the role, responsibilities, and challenges for a Cluster In-Charge. Analyse the requirements for the course and prepare an action/learning plan for updating skills as per the pre-requisites of the course. 	
Classroom Aids:		
Whiteboard and Markers, Chart paper and sketch pens, LCD Projector and Laptop for presentations		
Tools, Equipment and Other Requirements		

PCs/Laptops, Internet with Wi-Fi (Min. 2 Mbps Dedicated)

Module 2: Maintain Cluster Telecom Site Mapped to TEL/N4133, v1.0

Terminal Outcomes:

- Demonstrate how to maintain site hygiene.
- Perform steps to manage site up-time.

Duration: 60:00	Duration: 80:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Discuss the Operating Company (OPCOs) policies/standards and guidelines for maintenance/repair of sites. List the various electrical/electronic components, tools and equipment used in site maintenance as per their purpose. Describe the different types of networks cables and their features. Explain the functioning of various site equipment (such as AC, DG, PIU, SMPS/IPMS and battery bank) and the standard operating procedures (SOPs) for their use, repair and maintenance. Define the parameters to analyse the quality of site conditions, including correct temperature and other settings inside the shelter of a site. Identify the recommended layout of assets at the site and the methods used to maintain the site's hygiene and cleanliness. Describe the procedure to examine the condition of the tower(s) including civil, electrical and other infrastructure. Explain how to calculate power/fuel consumption patterns of the equipment and usage/wastage of energy at site. Discuss various measures to minimize pilferage and other malpractices. Describe common faults and their root-causes to arrive at appropriate solutions and rectification procedures. Discuss methods to conduct compliance audit of technicians/vendors/spares Outline the steps for creating a preventive maintenance (PM) plan for the site and Related methods/protocols for inspections. List the steps for creating an effective site visit/beat plan. Explain the safety measures w.r.t. equipment and components during fault diagnosis. 	 Demonstrate the use of tools and equipment required for site maintenance as per SOPs. Create a sample preventive maintenance plan (PM), including the asset layout, of the site. Prepare sample site visit plan/s and schedules for inspection. Employ appropriate techniques to perform audit of site conditions (including civil, electrical and other infrastructure) as well as technicians, vendors and spares. Perform repair/maintenance of AC, DG, PIU/SMPS /IPMS and battery bank as per the work requirements given by the manager. Apply basic techniques to check quality and quantity of spares, engine oil, voltage, loose connections, cable heating etc. Perform root cause analysis for recurring faults and their rectification procedures. Analyse power/fuel consumption and usage/wastage of energy at sites using appropriate method. Demonstrate use of applications such as MS Excel, CRM etc. for keeping record of processes carried out for site maintenance.

 Discuss the reasons for site down-time and best practices to maintain site up-time so as 	
to ensure zero breakdown in the cluster.	
Classroom Aids:	

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

Tools, Equipment and Other Requirements

Network cables, tools and equipment, AC, DG, PIU, SMPS and battery bank, Sample of PM formats and checklists, Laptop with software such as MS Office and CRM

Module 3: Manage Issues and Operational Expenditures (OPEX) Mapped to TEL/N4136, v1.0

Terminal Outcomes:

- Resolve site issues
- Perform corrective maintenance
- Manage OPEX

Duration: 50:00	Duration: 80:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
 Discuss various training-need analysis methods used for evaluating the performance of technicians. Explain the importance of effectively managing technicians, vendors and landlords for smooth workflow. Discuss the process of liaising with the electricity board (EB) for various issues. Describe the steps to perform corrective maintenance of site equipment. Outline the procedure for performing alarm integration with network operating centre (NOC). Discuss the ways to ensure 100% site automation, optimum system parameters and performance. Describe the process of escalating faults/issues at site to concerned departments Analyse ways to ensure timely closure of issues. Explain the methods to Optimise Operating Expenditure (OPEX) for the cluster by avoiding site-wise penalty and reducing rental/personnel/maintenance costs. 	 Design a plan to conduct training-need analysis and corresponding schedule for the performance review of technicians. Employ appropriate techniques to create service request number (SRN) for assets. Chart the process flow to conduct the lock- site management process. Perform corrective maintenance of equipment as per SOP. Demonstrate alarm integration with network operating centre (NOC). Employ appropriate techniques to troubleshoot common site faults. Demonstrate how to perform repair/replacement of equipment at site. Employ proper ways for maintaining logs for compliance. Apply basic techniques for filling required checklists/formats w.r.t. corrective maintenance/repair of equipment.

Tools, Equipment and Other Requirements

Network cables, tools and equipment, AC, DG, PIU, SMPS and battery bank, Sample of PM formats and checklists. Laptop with software such as MS Office and CRM

Module 4: Communication and Interpersonal skills Mapped to TEL/N9103 v1.0

Terminal Outcomes:

- Communicate effectively and develop interpersonal skills
- Develop sensitivity towards differently abled people.

	1	
Duration: 10:00	Duration: 20:00	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
 Identify roles and responsibilities and understand organisation's policies. List organisational guidelines for dress code, time schedules, language and other soft skill aspects. List the different methods of communication. Explain the importance of effective communication and interpersonal skills. Analyse the common reasons for interpersonal conflicts and ways of managing them effectively. Identify types of information needed by colleagues and its importance. Identify the need for implementing standards, guidelines and practices pertaining to gender sensitivity, including work ethics and workplace etiquettes. Explain 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. List the rights, duties and benefits available at workplace for person with disability. Identify the process of recruiting people with disability for a specific job. Analyse the specific ways to help persons with disability overcome the challenges. 	 Demonstrate how to interact with superiors in terms of escalating problems, reporting work completion and receiving feedback. Apply team building skills to assist colleagues in maximizing effectiveness and efficiency of carrying out tasks. Demonstrate appropriate communication skills and etiquettes while interacting with others. Resolve conflicts with colleagues and adhere to commitment. Demonstrate ideal workplace ethics while interacting with colleagues with respect to sharing information, co-ordinating work and showing respect. Follow organisation's policy for working with team members. Illustrate importance of team goals over individual goals. Use inclusive language irrespective of the gender/ disability of the person. Demonstrate appropriate behaviour towards all genders and differently abled people. 	
White board/ black board marker / chalk, duster, computer or Laptop attached to LCD projector		
white board/ black board marker / chalk, duster,	computer or Laptop attached to LCD projector	

Tools, Equipment and Other Requirements

Sample of escalation matrix, organisation structure.

Module 5: Working effectively and optimizing resources for a safe workplace *Mapped to TEL/N9104 v1.0*

Terminal Outcomes:

• Plan work effectively, implement safety practices and optimize use of resources

List electronic waste disposal procedures.	
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, he warning signs and tapes, fire extinguisher and firs	

Module 6: On-the-Job Training Mapped to Cluster In-Charge

Ma	andatory Duration: 120:00	Recommended Duration: 100:00	
Loc	Location: On-Site		
Tei	Terminal Outcomes		
1.	Use of tools and equipment required for site	maintenance.	
2.	Prepare a sample of preventive maintenance		
3.	Plan for site visits as per plan for inspection.		
4.	Conduct audit of site conditions (including civ	il, electrical, and other infrastructure).	
5.	5. Carry out repair/maintenance of AC, DG, PIU/SMPS /IPMS and battery bank.		
6.	 Verify the quality and quantity of spares, engine oil, voltage, loose connections, cable heating etc. 		
7.	Conduct root cause analysis for recurring faul	ts and their rectification procedures.	
8.	Assess power/fuel consumption and usage/wastage of energy at sites.		
9.	Use required applications such as MS Excel, CRM etc. for keeping records of processes carriedout for site maintenance.		
10.	 Plan to conduct training as per need analysis and corresponding schedule for the performance review of technicians. 		
11.	11. Prepare service request number (SRN) for assets.		
12.	2. Conduct the lock-site management as per the defined process.		
13.	13. Carry out corrective maintenance of equipment as per SOP.		
14.	14. Perform alarm integration with network operating centre (NOC).		
15.	Troubleshoot common site faults.		
16.	Conduct repair/replacement of equipment at	site.	
17.	17. Prepare required checklists/formats for corrective maintenance/repair of equipment.		

Module 7: DGT/VSQ/N0102 Employability Skills (60 hours) Mapped to Cluster In-Charge

Mandatory Duration: 60:00

1. Em 1. Corvalu 2. Corvalu 2. Bec 3. Bec 3. Bec 4. Bas 4. Corvalu 5. Carvalu 6. Corvalu 6. Div	troduction to nployability Skills onstitutional lues - Citizenship	 Discuss the Employability Skills required for jobs in various industries. List different learning and employability related GOI and private portals and their usage. 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 curtainable practices. 	(hours) 1.5 1.5
2. 2. 3. 4. 5. Car 5. Car 5. Car 5. Car 5. Car 5. Car 5. Dev 6. Cor 5. Dev 1. Cor 5. Dev 1. Car 5. Dev 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	llues - 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 	1.5
A. Pro 21s 21s Bas Bas 4. Car 5. Car 5. Car 5. Skil 6. Cor 5.kil 6. Dive	•	sustainable practices.	
4. 5. Car Dev Goa Cor Skil 6. Div	Lst 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
5. Dev Goa Cor Skil 6. Div	asic 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
6. Div	areer evelopment & oal Setting	Create a career development plan with well-defined short- and long-term goals.	2
Incl	ommunication	 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
	versity & clusion	 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
	nancial and Legal teracy	 Outline the importance of selecting the right financial institution, product, and service. 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. 	5

10.	Skills Entrepreneurshi	 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. 					
11	Customer Service • Describe the significance of analyzing different types and needs of customers. • Explain the significance of identifying customer needs and						
12	Getting Ready for Apprenticeship & Jobs• Create a professional Curriculum Vitae (CV). • Use various offline and online job search sources such as 						
		LIST OF TOOLS & EQUIPMENT FOR EMPLOYABILITY SKI	LLS				
C N		Name of the Equipment	Quanti	tv			
	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		· · · · ·	As requi	red			
3	3. Scanner cum I	Printer	As requi	red			
4			As requi	red			
5	5. Computer Cha	irs	As requi	red			
6	5. LCD Projector		As requi	red			
7	7. White Board 2	200mm x 900mm	As requi	red			
Note:	: Above Tools &Equi	oment not required, if Computer LAB is available in the institu	te.				

Note: Above Tools & Equipment not required, if Computer LAB is available in the institute.

Annexure

Trainer Requirements (Cluster In-Charge)

Minimum Educational Qualification	Specialization	Relev Exper	ant Industry ience	Training Experience		Remarks
		Years	Specialization	Years	Specialization	
B.E./B.Tech/BC A/B.Sc		3	Tower Maintenance			NA

Domain Certification	Platform Certification
Job Role: "Cluster In Charge Level 5"	Job Role: "Trainer (VET and Skills) ", "MEP/Q2601 v2.0", Minimum accepted score is 80%
"TEL/Q4101" version "3.0", Minimum accepted score is 80%	

Assessor Requirements (Cluster In-Charge)

Assessor Prerequisites							
Minimum Educational	Specialization	Relevant Industry Experience		Training Experience		Remarks	
Qualification		Years	Specialization	Years	Specialization		
B.E./B.Tech/B CA/B.Sc	Electrical/ Mechanical/E lectronics & Communicati on/Computer Science and other relevant domain	1	Tower Maintenance	0-1	Electrical/ Mechanical/El ectronics & Communication n/Computer Science	NA	

Assessor Certification						
Domain Certification	Platform Certification					
Job Role: "Cluster In Charge Level 5"	Job Role: "Assessor (VET and Skills) " "MEP/Q2701 v2.0", Minimum accepted score is 80%					
"TEL/Q4101" version "3.0", Minimum accepted score is 80%						

Trainer Requirements (Employability Skills 60 hours)

Trainer Prerequisites							
Minimum 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 have attention to dee be adaptable have willingness to 	
Certified current EEE trainers (155 hours)	from Management SSC (MEPSC)						
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		Trainir	ng 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 detail be adaptable have willingness to learn be able to grasp concepts fast and is creative with teaching practices and likes sharing back their learning with others 		

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

- 1. Assessment System Overview:
 - Batches assigned to the assessment agencies for conducting the assessment on SDSM/SIP oremail
 - 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 fromCloud 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 taskor 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).
(M) TLO	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
SOP	Standard Operating Procedures
CRM	Customer Relationship Management
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
РМ	Preventive Maintenance
OPEX	Operating Expenditure
PPE	Personal Protective Equipment
RCA	Root Cause Analysis
PwD	Persons with Disabilities
EB	Electricity Board
RFS	Radio Frequency Services
NOC	Network Operating Centre
SRN	Service Request Number
ES	Employability Skills