

## NSQF QUALIFICATION FILE

Approved in 14<sup>th</sup> NSQC Meeting – NCVET-Dated 30 December 2021

Rationalized in 24<sup>th</sup> NSQC Meeting – NCVET – Dated 17.11.2022

### CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

**Name and address of submitting body:**

Telecom Sector Skill Council

**NCVET Code**

**2022/TEL/TSSC/07007**

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

**Name and contact details of individual dealing with the submission**

**Name:** Mr. Sumit Sinha

**Position in the organisation:** Manager – Standards

**Address if different from above:** Same as above

**Tel number(s):** 0124-4148029

**E-mail address:** [standards@tsscindia.com](mailto:standards@tsscindia.com)

**List of documents submitted in support of the Qualifications File**

1. Model Curriculum

**Model Curriculum to be added which will include the following:**

- Indicative list of tools/equipment to conduct the training
- Trainers' qualification
- Lesson Plan
- Distribution of training duration into theory/practical/OJT component

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### SUMMARY

1	<b>Qualification Title:</b> Tower Technician
2	<b>Qualification Code, if any:</b> TEL/Q4100
3	<b>NCO code and occupation:</b> NCO-2015/7422.3001 Operations and Maintenance - Passive Infrastructure
4	<b>Nature and purpose of the qualification (Please specify whether qualification is short term or long term):</b> <b>Tower Technician</b> Maintains the tower site live at all times, repair level-1 faults, carry out corrective/preventive maintenance at the telecom tower site and report issues to the supervisor. Conducts energy management, estate management-level 1 and verify the assets.  This QP is for short term program, and it is designed based on industry demand.
5	<b>Body/bodies which will award the qualification:</b> Telecom Sector Skill Council
6	<b>Body which will accredit providers to offer courses leading to the qualification:</b> Telecom Sector Skill Council
7	<b>Whether accreditation/affiliation norms are already in place or not, if applicable (if yes, attach a copy):</b> Yes. SIP norms for accreditation and SSC norms for affiliation are available on SIP portal.
8	<b>Occupation(s) to which the qualification gives access:</b> Operations and Maintenance - Passive Infrastructure
9	<b>Job description of the occupation:</b> The individual at work maintains the tower site live at all times, repair level-1 faults, carry out corrective/preventive maintenance at the telecom tower site and report issues to the supervisor. The individual also conducts energy management, estate management-level 1 and verify the assets.
10	<b>Licensing requirements:</b> N/A
11	<b>Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided):</b> N/A
12	<b>Level of the qualification in the NSQF:</b> Level 4
13	<b>Anticipated volume of training/learning required to complete the qualification:</b> 540 Hours
14	<b>Indicative list of training tools required to deliver this qualification:</b>

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	<p>Battery Bank, PIU, PMU, AC Unit, SMPS, DG set, Tester, Multimeter, Electrical tools, Megger, etc.</p> <p>Personal Protection Equipment: safety glasses, head protection, rubber gloves, safety footwear, warning signs and tapes, fire extinguisher and first aid kit.</p> <p>Laptop with software such as MS Office and other network related software, white board marker, projector.</p>		
15	<p><b>Entry requirements and/or recommendations and minimum age:</b></p> <p>11th grade pass</p> <p><b>OR</b></p> <p>Completed 1st year of 3- year diploma (after 10th) and pursuing regular diploma</p> <p><b>OR</b></p> <p>10th grade pass and pursuing continuous schooling</p> <p><b>OR</b></p> <p>10th Grade Pass with 2-year relevant experience</p> <p><b>OR</b></p> <p>Previous relevant Qualification of NSQF Level 3 with minimum education as 5th Grade pass with 2-year relevant experience</p> <p>17 years</p>		
16	<p><b>Progression from the qualification (Please show Professional and academic progression):</b> Tower Supervisor</p>		
17	<p><b>Arrangements for the Recognition of Prior learning (RPL):</b></p> <p>RPL will be based on the same approved Qualification Pack and Assessment Criteria mentioned in the Qualification Pack by Telecom Sector Skill Council</p>		
18	<p><b>International comparability where known (research evidence to be provided):</b> No</p>		
19	<p><b>Date of planned review of the qualification:</b> 30 December 2024</p>		
20	<p><b>Formal structure of the qualification</b></p> <p><b>Mandatory components</b></p>		
(i)	<p><b>Title of component and identification code/NOSs/Learning outcomes</b></p>	<p><b>Estimated size (learning hours)</b></p>	<p><b>Level</b></p>
1	<p>Bridge Module (Roles &amp; responsibilities of a Tower Technician)</p>	<p>30</p>	<p>4</p>

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2	Maintain the Tower Site and Report Periodically	140	4
3	Manage Site Operation Safety and Hygienically	130	4
4	Organize Work and Resources as Per Health and Safety Standard	30	4
5	Interact Effectively with Team Members and Customers	30	4
6	On-the-Job Training	120	4
7	DGT/VSQ/N0102 Employability Skills (60 Hours)	60	4
	<b>Sub Total (A)</b>	<b>540</b>	

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### SECTION 1

#### ASSESSMENT

21	<p><b>Body/Bodies which will carry out assessment:</b> Telecom Sector Skill Council.</p> <p><b>Proposed Body/Bodies which will carry out assessment:</b> The assessment will be carried out via our affiliated assessment body.</p>
22	<p><b>How will RPL assessment be managed and who will carry it out?</b></p> <p>The RPL assessment will be managed by TSSC via its affiliate assessment body.</p>
23	<p><b>Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.</b></p> <p>The emphasis is on 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 assessment papers are also checked for the various outcome-based parameters such as quality, time taken, precision, tools &amp; equipment requirement etc. The assessment results are backed by evidence collected by assessors.</p> <ol style="list-style-type: none"><li>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.</li><li>2. The assessor needs to verify the authenticity of the candidates 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.</li><li>3. The assessor needs to punch the trainee's roll number on all the test pieces.</li><li>4. The assessor can take a photograph of all the students along with the assessor standing in the middle and with the center name/banner at the back as evidence.</li><li>5. The assessor also needs to carry a photo ID card.</li></ol> <p>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</p>

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	rules of confidentiality and conflict of interest, independence from commercial and other interests that would compromise impartiality of the assessments.
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Please attach most relevant and recent documents giving further information about assessment and/or RPL.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

### ASSESSMENT EVIDENCE

**Complete a grid for each component as listed in “Formal structure of the qualification” in the Summary.**

*NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – i.e., Learning Outcomes to be assessed, assessment criteria and the means of assessment.*

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### 24. Assessment evidence

**Title of Component:** Tower Technician

#### **CRITERIA FOR ASSESSMENT OF TRAINEES**

**Job Role** Tower Technician

**Qualification Pack** TEL/Q4100

**Sector Skill Council** Telecom Sector Skill Council

#### **Guidelines for Assessment**

1. Criteria for assessment for each Qualifications Pack will be approved by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
2. The assessment for the theory part will be based on knowledge bank of questions approved by the SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/ option NOS/ Set of NOS.
4. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
6. To pass the Qualifications Pack, every trainee should score a minimum of 70% of aggregate marks.
7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>TEL/N4138: Maintain tower site and report periodically</b>				
<i>Perform preventive maintenance activities at the tower site</i>	15	25	-	10
PC1. interpret PM (Preventive Maintenance) plan for proper execution	2	1	-	1
PC2. comply with preventive maintenance schedule	2	1	-	1

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PC3. conduct site PM (Preventive Maintenance) as per standards	2	2	-	1
PC4. maintain site up-time as per SLA	2	1	-	1
PC5. check battery banks for faulty cells and replace as per guidelines	2	5	-	1
PC6. check earthing system and fix the faults	2	5	-	1
PC7. monitor site outages and link failures	2	5	-	2
PC8. check premature ageing of Battery Bank, Diesel Generator, Air Conditioner, PIU and SMPS	1	5	-	2
<i>Perform corrective maintenance of equipment</i>	5	10	-	5
PC9. identify the malfunction that require corrective maintenance	2	3	-	1
PC10. perform fault analysis to identify and repair/replace components which may lead to a fault	1	2	-	1
PC11. diagnose reasons of downtime through uptime analysis	1	3	-	1
PC12. repair recurring faults on sites	1	2	-	2
<i>Create and submit reports</i>	10	15	-	5
PC13. prepare preventive and corrective maintenance checklists and reports	3	4	-	2
PC14. record activities like diesel filling, electricity bill and DG meter reading, etc.	2	4	-	1
PC15. inform the supervisor regarding changes in the site, movement of any material or theft, if any	2	3	-	1
PC16. escalate faults/issues observed at site to the supervisor in the prescribed format	3	4	-	1
<b>NOS Total</b>	<b>30</b>	<b>50</b>	<b>-</b>	<b>20</b>

TEL/N4139: Manage site operation safely and hygienically



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<i>Manage regular site upkeep</i>	<b>5</b>	<b>10</b>	-	-
PC1. maintain all power equipment as per standards	1	1	-	-
PC2. monitor all civil and mechanical installations at the site	1	2	-	-
PC3. check the number of active alarms at the site	-	1	-	-
PC4. attend alarms within the defined SLA	1	1	-	-
PC5. identify faulty alarms and take corrective action	1	1	-	-
PC6. monitor infrastructure sensors and surveillance cameras	-	2	-	-
PC7. remove unwanted materials from site to keep the premises clutter free	-	1	-	-
PC8. ensure proper cleanliness and housekeeping at telecom sites	1	1	-	-
<i>Maintain safety and hygiene of the site</i>	<b>15</b>	<b>15</b>	-	<b>5</b>
PC9. maintain site hygiene of AC, DG, PIU, SMPS and battery bank, as per organization norms	3	5	-	1
PC10. check leakage, rattles and shakes at the tower site	2	1	-	1
PC11. ensure proper installation of fire safety instruments as per standards	2	1	-	1
PC12. inspect the site as per electrical safety norms	2	1	-	1
PC13. ensure proper floor markings, shadow board display and labels at the site	2	3	-	1
PC14. conduct work area audit as per company checklists	2	2	-	-
PC15. maintain checklist of standards laid by the company	2	2	-	-
<i>Manage site administration</i>	<b>20</b>	<b>20</b>	-	<b>10</b>

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PC16. ensure quality fuel is filled by the service providers	5	6	-	3
PC17. monitor EB (Electricity Bill) reading against the reading on PIU	5	4	-	3
PC18. collect and submit the EB at the office	5	5	-	2
PC19. supervise and certify vendor for quality and timely completion	5	5	-	2
<b>NOS Total</b>	<b>40</b>	<b>45</b>	<b>-</b>	<b>15</b>
<b>TEL/N9101: Organise Work and Resources as per Health and Safety Standards</b>				
<i>Perform work as per quality standards</i>	<b>4</b>	<b>9</b>	<b>-</b>	<b>2</b>
PC1. keep workspace clean and tidy	-	1	-	-
PC2. perform individual role and responsibilities as per the job role while taking accountability for the work	1	1	-	1
PC3. record/document tasks completed as per the requirements within specific timelines	-	1	-	1
PC4. implement schedules to ensure timely completion of tasks	-	2	-	-
PC5. identify the cause of a problem related to own work and validate it	2	2	-	-
PC6. analyse problems accurately and communicate different possible solutions to the problem	1	2	-	-
<i>Maintain safe, healthy and secure working environment</i>	<b>16</b>	<b>27</b>	<b>-</b>	<b>4</b>
PC7. comply with organisation's current health, safety, security policies and procedures	1	1	-	-
PC8. check for water spills in and around the work space and escalate these to the appropriate authority	1	2	-	1
PC9. report any identified breaches in health, safety, and security policies and procedures to the designated person	1	2	-	1

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PC10. use safety materials such as goggles, gloves, ear plugs, caps, ESD pins, covers, shoes, etc.	1	2	-	1
PC11. avoid damage of components due to negligence in ESD procedures or any other loss due to safety negligence	2	3	-	1
PC12. identify hazards such as illness, accidents, fires or any other natural calamity safely, as per organisation's emergency procedures, within the limits of individual's authority	2	1	-	-
PC13. participate regularly in fire drills or other safety related workshops organised by the company	1	3	-	-
PC14. report any hazard outside the individual's authority to the relevant person in line with organisational procedures and warn others who may be affected	1	3	-	-
PC15. maintain appropriate posture while sitting/standing for long hours	1	1	-	-
PC16. handle heavy and hazardous materials with care, while maintaining appropriate posture	1	1	-	-
PC17. sanitize workstation and equipment regularly	1	2	-	-
PC18. clean hands with soap, alcohol-based sanitizer regularly	-	1	-	-
PC19. avoid contact with anyone suffering from communicable diseases and take necessary precautions	-	1	-	-
PC20. take safety precautions while travelling e.g. maintain 1m distance from others, sanitize hands regularly, wear masks, etc.	1	2	-	-
PC21. report hygiene and sanitation issues to appropriate authority	1	1	-	-
PC22. follow recommended personal hygiene and sanitation practices, for example, washing/sanitizing hands, covering face with a bent elbow while coughing/sneezing, using PPE, etc.	1	1	-	-

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<i>Conserve material/energy/electricity</i>	<b>7</b>	<b>16</b>	-	<b>3</b>
PC23. optimize usage of material including water in various tasks/activities/processes	1	2	-	-
PC24. use resources such as water, electricity and others responsibly	1	2	-	1
PC25. carry out routine cleaning of tools, machine and equipment	1	2	-	-
PC26. optimize use of electricity/energy in various tasks/activities/processes	1	3	-	1
PC27. perform periodic checks of the functioning of the equipment/machine and rectify wherever required	1	3	-	1
PC28. report malfunctioning and lapses in maintenance of equipment	1	2	-	-
PC29. use electrical equipment and appliances properly	1	2	-	-
<i>Use effective waste management/recycling practices</i>	<b>3</b>	<b>8</b>	-	<b>1</b>
PC30. identify recyclable, non-recyclable and hazardous waste	1	2	-	1
PC31. deposit recyclable and reusable material at identified location	1	3	-	-
PC32. dispose non-recyclable and hazardous waste as per recommended processes	1	3	-	-
<b>NOS Total</b>	<b>30</b>	<b>60</b>	-	<b>10</b>
<b>TEL/N9102: Interact Effectively with Team Members and Customers</b>				
<i>Interact effectively with superiors</i>	<b>7</b>	<b>15</b>	-	<b>2</b>
PC1. receive work requirements from superiors and customers and interpret them correctly	1	2	-	-
PC2. inform the supervisor and/or concerned person about any unforeseen disruptions or delays	2	4	-	1

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PC3. participate in decision making by providing facts and figures, giving/accepting constructive suggestions	2	5	-	1
PC4. rectify errors as per feedback and ensure the errors are not repeated	2	4	-	-
<i>Interact effectively with colleagues and customers</i>	<b>7</b>	<b>26</b>	-	<b>4</b>
PC5. comply with organisation's policies and procedures for working with team members	1	2	-	-
PC6. communicate professionally using appropriate mode of communication such as face-to-face, telephonic and written	2	4	-	1
PC7. respond to queries and seek/provide clarifications if required	2	4	-	1
PC8. co-ordinate with team to integrate work as per requirements	-	3	-	-
PC9. resolve conflicts within the team/with customers to achieve smooth workflow	1	5	-	1
PC10. recognize emotions accurately in self and others to build good relationships	1	4	-	-
PC11. prioritize team and organization goals above personal goals	-	4	-	1
<i>Respect differences of gender and ability</i>	<b>11</b>	<b>24</b>	-	<b>4</b>
PC12. maintain a conducive environment for all the genders at the workplace	2	5	-	1
PC13. encourage appropriate behavior and conduct with people across gender	2	5	-	1
PC14. assist team members with disability in overcoming any challenges faced in work	3	4	-	1
PC15. practice appropriate verbal and non-verbal communication while interacting with People with Disability (PwD)	2	4	-	1
PC16. ensure equal participation of the people across genders in discussions	2	6	-	-

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NOS Total	25	65	-	10
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Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>DGT/VSQ/N0102: Employability Skills (60 Hours)</b>				
<i>Introduction to Employability Skills</i>	1	1	-	-
PC1. identify employability skills required for jobs in various industries	-	-	-	-
PC2. identify and explore learning and employability portals	-	-	-	-
<i>Constitutional values – Citizenship</i>	1	1	-	-
PC3. recognize the significance of constitutional values, including civic rights and duties, citizenship, responsibility towards society etc. and personal values and ethics such as honesty, integrity, caring and respecting others, etc.	-	-	-	-
PC4. follow environmentally sustainable practices	-	-	-	-
<i>Becoming a Professional in the 21st Century</i>	2	4	-	-
PC5. recognize the significance of 21st Century Skills for employment	-	-	-	-
PC6. practice the 21st Century Skills such as Self-Awareness, Behaviour Skills, time management, critical and adaptive thinking, problem-solving, creative thinking, social and cultural awareness, emotional awareness, learning to learn for continuous learning etc. in personal and professional life	-	-	-	-
<i>Basic English Skills</i>	2	3	-	-
PC7. use basic English for everyday conversation in different contexts, in person and over the telephone	-	-	-	-
PC8. read and understand routine information, notes, instructions, mails, letters etc. written in English	-	-	-	-

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PC9. write short messages, notes, letters, e-mailsetc. in English	-	-	-	-
<i>Career Development &amp; Goal Setting</i>	1	2	-	-
PC10. understand the difference between job and career	-	-	-	-
PC11. prepare a career development plan with short- and long-term goals, based on aptitude	-	-	-	-
<i>Communication Skills</i>	2	2	-	-
PC12. follow verbal and non-verbal communication etiquette and active listening techniques in various settings	-	-	-	-
PC13. work collaboratively with others in a team	-	-	-	-
<i>Diversity &amp; Inclusion</i>	1	2	-	-
PC14. communicate and behave appropriately with all genders and PwD	-	-	-	-
PC15. escalate any issues related to sexual harassment at workplace according to POSH Act	-	-	-	-
<i>Financial and Legal Literacy</i>	2	3	-	-
PC16. select financial institutions, products and services as per requirement	-	-	-	-
PC17. carry out offline and online financial transactions, safely and securely	-	-	-	-
PC18. identify common components of salary and compute income, expenses, taxes, investments etc	-	-	-	-
PC19. identify relevant rights and laws and use legal aids to fight against legal exploitation	-	-	-	-
<i>Essential Digital Skills</i>	3	4	-	-
PC20. operate digital devices and carry out basic internet operations securely and safely	-	-	-	-
PC21. use e- mail and social media platforms and virtual collaboration tools to work effectively	-	-	-	-
PC22. use basic features of word processor, spreadsheets, and presentations	-	-	-	-
<i>Entrepreneurship</i>	2	3	-	-
PC23. identify different types of Entrepreneurship and Enterprises and assess opportunities for potential	-	-	-	-

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business through research				
PC24. develop a business plan and a work model, considering the 4Ps of Marketing Product, Price, Place and Promotion	-	-	-	-
PC25. identify sources of funding, anticipate, and mitigate any financial/ legal hurdles for the potential business opportunity	-	-	-	-
<i>Customer Service</i>	<b>1</b>	<b>2</b>	-	-
PC26. identify different types of customers	-	-	-	-
PC27. identify and respond to customer requests and needs in a professional manner.	-	-	-	-
PC28. follow appropriate hygiene and grooming standards	-	-	-	-
<i>Getting ready for apprenticeship &amp; Jobs</i>	<b>2</b>	<b>3</b>	-	-
PC29. create a professional Curriculum vitae (Résumé)	-	-	-	-
PC30. search for suitable jobs using reliable offline and online sources such as Employment exchange, recruitment agencies, newspapers etc. and job portals, respectively	-	-	-	-
PC31. apply to identified job openings using offline /online methods as per requirement	-	-	-	-
PC32. answer questions politely, with clarity and confidence, during recruitment and selection	-	-	-	-
PC33. identify apprenticeship opportunities and register for it as per guidelines and requirements	-	-	-	-
<b>NOS Total</b>	<b>20</b>	<b>30</b>	-	-



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Outcomes to be assessed/NOSs to be assessed	Assessment criteria for the outcome
Provided in the above section	
<b>Means of assessment 1</b> <ol style="list-style-type: none"><li>1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.</li><li>2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.</li><li>3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training centre (as per assessment criteria below.)</li><li>4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre based on these criteria.</li></ol>	
<b>Means of assessment 2</b> Add boxes as required.	
<b>Pass/Fail</b> <ol style="list-style-type: none"><li>1. To pass the Qualification File, every trainee should score a minimum of 70% in every Qualification.</li></ol>	

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2. In case of successfully passing only certain number of NOS's, the trainee is eligible to take subsequent assessment on the balance NOS's to pass the Qualification File.

NSQC Approved

## NSQF QUALIFICATION FILE

Approved in 14<sup>th</sup> NSQC Meeting – NCVET-Dated 30 December 2021

Rationalized in 24<sup>th</sup> NSQC Meeting – NCVET – Dated 17.11.2022

### SECTION 2

#### 25. EVIDENCE OF LEVEL

Title/Name of qualification/component: Tower Technician Level: 4			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
Process	<p><b>Demands a wide range of specialised technical skill, clarity of knowledge and practice in broad range of activity involving standard and non-standard practices.</b></p> <p>The individual must maintain the tower site live at all times, repair level-1 faults, carry out corrective/preventive maintenance at the telecom tower site and report issues to the supervisor. The individual also conducts energy management, estate management – level 1, and verify the assets.</p>	<p>The individual will be maintaining the tower site and ensure it operational working. The executive has to interact with their supervisor and NOC team as an when required.</p> <p>Hence, this is level 4.</p>	4
Professional knowledge	<p><b>Factual and theoretical knowledge in broad contexts within a field of work or study.</b></p> <ul style="list-style-type: none"><li>• Technical specifications of products and processes</li></ul>	<p>The individual should have good understanding of technical specifications and functionalities of products and processes, knowledge functioning techniques, knowledge about managing</p>	4

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Title/Name of qualification/component: Tower Technician Level: 4			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> <li>Knowledge about technology involved in workings of products</li> <li>Maintenance standards/guidelines</li> </ul>	<p>concern/issues, and standards/guidelines of and practices.</p> <p>Hence, this is level 4.</p>	
Professional skill	<p><b>A range of cognitive and practical skills required to generate solutions to specific problems in a field of work or study.</b></p> <ul style="list-style-type: none"> <li>Maintain quality and work</li> <li>Maintain quality and work standards at tower site</li> <li>Perform periodic audits and report results to serve the excellent experience by ensuring quality and timely services.</li> <li>Diagnose reasons for site down and alarms</li> </ul>	<p>The individual is required to have a range of technical, and interactive skills, to be competitive in this job role, such as, co-operate, manage excellent work standards, and handle queries and ensuring site working and regular check of all the passive and active equipment on ground.</p> <p>Hence, this is level 4.</p>	4
Core skill	<p><b>Core Domain Skill</b></p> <ul style="list-style-type: none"> <li>Reading operating company (OPCOs) policies and standards followed by the company to maintain tower site.</li> </ul>	<p>The individual is required to attend customer as per the organisation standards and read/maintain records/formats/checklists for the stocks, customer queries/concern.</p>	4

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Title/Name of qualification/component: Tower Technician Level: 4			
NSQF Domain	Outcomes of the Qualification/Component	How the outcomes relate to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"><li>Understand specifications and functionality of the components.</li><li>Interacting with NOC team, Supervisor and ensure the site up-time</li><li>Maintain the stocks of product and related accessories keeping record of the site material/equipment's.</li></ul>	Hence, this is level 4.	
Responsibility	<p>Responsibility of completing the work assigned and reporting the same as per standards.</p> <ul style="list-style-type: none"><li>Understand the job role and follow the organisational policy</li><li>Record and report about the work status</li><li>Follow safety regulations at workplace</li><li>Work along with colleagues and supervisors</li></ul>	<p>The individual is responsible for understanding customer queries/concern and appropriately suggesting the right/suitable product.</p> <p>Hence Level 4.</p>	4

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### SECTION 3

#### EVIDENCE OF NEED

26	<p><b>What evidence is there that the qualification is needed? What is the estimated uptake of this qualification and what is the basis of this estimate?</b></p> <ol style="list-style-type: none"><li>1. Feedback from industry was collected with respect to roles for which qualification pack development was to be prioritized.</li><li>2. Skills Gap analysis reports for industry demand Training duration w.r.t current and potential capacity envisaged for potential supply</li></ol>
27	<p><b>Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidence</b></p> <p>We have received the line ministry (DoT) approval for this QF.</p>
28	<p><b>What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification</b></p> <p>NCVET list of Approved and Under-Development QFs was checked prior to commencement the work.</p>
29	<p><b>What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here</b></p> <ul style="list-style-type: none"><li>• Agencies have been appointed by the SSC to interact with training providers to gather feedback in implementation</li><li>• Monitoring of results of assessments</li><li>• Employer feedback will be sought post-placement</li><li>• A formal review is scheduled by 2024</li></ul>

Please attach most relevant and recent documents giving further information about any of the topics above.

Give the titles and other relevant details of the document(s) here. Include page references showing where to find the relevant information.

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### SECTION 4

#### EVIDENCE OF PROGRESSION

30	<p><b>What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector?</b></p> <ol style="list-style-type: none"><li>1. Endorsed and accepted by the Industry players</li><li>2. Formal recognition from the Industry players</li><li>3. Horizontal and vertical mobility options are available</li></ol>
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