

Revision made by NSDA\_25 May 2015

**NSDA Reference**  
*To be added by NSDA*

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

##### Name and address of submitting body:

**Power Sector Skill Council, 2nd Floor, CBIP Building Malcha Marg,  
Chanakyapuri, New Delhi**

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

**Name: Vinod Behari**

**Position in the organisation: Chief Executive Officer**

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

1. Qualification Pack
2. List of companies and Industry associations participated in the development of these qualification packs (part of report)
3. List of QP/NOS validating companies.

**Comment [H1]:** Occupational map should be given

**Comment [H2R1]:** The SSC is new & WIP on these deliverables.

## QUALIFICATION FILE SUMMARY

<b>Qualification Title</b>	Technical Helper (Distribution)		
<b>Classification Code</b>	PSS/ Q 0101		
<b>Body/bodies which will assess candidates</b>	(1) Navriti Technologies (P) Ltd, Bangalore. (2) Aspiring Minds Assessment (P) Ltd, Gurgaon		
<b>Body/bodies which will award the certificate for the qualification.</b>	Power Sector Skill Council		
<b>Body which will accredit providers to offer the qualification.</b>	Power sector Skills Council		
<b>Occupation(s) to which the qualification gives access</b>	Lineman		
<b>Proposed level of the qualification in the NSQF.</b>	2		
<b>Anticipated volume of training/learning required to complete the qualification.</b>	ITI- 175 hours, NON ITI- 400 hours		
<b>Entry requirements / recommendations.</b>	8 <sup>th</sup> Standard		
<b>Progression from the qualification.</b>	Lineman		
<b>Planned arrangements for RPL.</b>	RPL arrangements and policies are under development. The guidelines should be ready in 2-3 months.		
<b>International Comparability</b>	Not yet		
<b>Formal structure of the qualification</b>			
<b>Title of unit or other component</b> (include any identification code used)	<b>Mandatory/ Optional</b>	<b>Estimated size (learning hours)</b>	<b>Level</b>
PSS N 0101 (Assisting in repair and maintenance of power distribution lines and components )	Mandatory	60	2
PSS N 0102 (Preparation and assistance for erection and maintenance of power distribution lines)	Mandatory	60	2
PSS N 0103 (Assisting in operation and maintenance of 11/0.433 KV Distribution Substation)	Mandatory	60	2
PSS N 0104 (Assisting in laying of underground and AB cables)	Mandatory	60	2
PSS/ N 2001 (Use basic health and safety practices for power related work )	Mandatory	80	Common across 1-5 levels
CSC/ N 1336 (Work effectively with others)	Mandatory	80	Common across 1-5 levels

**Comment [H3]:** Brief explanation on the NOSs which are compared to international framework may be given .

**Comment [H4R3]:** No referential international framework for comparison as yet

Please attach any document giving further detail about the structure of the qualification – eg a Curriculum or Qualification Pack.

Give details of the document here:

- Qualification Pack is attached as Annexure 1

## SECTION 1

### ASSESSMENT

**Name of assessment body:**

- (1) Navriti Technologies (P) Ltd, Bangalore.
- (2) Aspiring Minds Assessment (P) Ltd, Gurgaon

**Will the assessment body be responsible for RPL assessment?**

Yes

Give details of how RPL assessment for the qualification will be carried out and quality assured.

RPL will be based on the same approved Qualification Pack and Assessment Criteria mentioned in the Qualification Pack.

The process of RPL assessment is under development.

**Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, consistent and fair and show that these are in line with the requirements of the NSQF:**

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 15 years industry experience as an ITI graduate / minimum 10 years' industry experience as diploma engineer and minimum 5 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 assessors 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
- 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

**Comment [H5]:** This cannot be blank. Some comments should be given here including the name of assessment bodies

**Comment [H6R5]:** Response given

- 5 Viva guidance for uniformity and consistency across the batch.
- 6 Guidance on assessment evidence collection

A sample format of Assessment Guide for Fitter-Fabrication is attached. Similar Assessor Guides are developed and shared with the assessors before the start of the assessments as standard practices for all assessments by PSSC. The Sample of Assessor Guide is attached as Annexure 4

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.

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. This code of conduct is enclosed. The assessment agencies are instructed to Ideally have assessor with minimum 15 years industry experience as an ITI graduate / minimum 10 years' industry experience as diploma engineer and minimum 5 years' industry experience as graduate engineer.

The details on affiliation of assessment agencies are elaborated in PSSC Accreditation of Assessment Agencies form attached.

Please attach any documents giving further information about assessment and/or RPL.  
Give details of the document(s) here:

### ASSESSMENT EVIDENCE

Complete the following grid for each grouping of NOS, assessment unit or other component as per the assessment criteria. Insert the required number of rows.

**CRITERIA FOR ASSESSMENT OF TRAINEES**

**Job Role : Technical Helper (Distribution)**

**Qualification Pack : PSS/ Q 0101**

**Sector Skill Council : Power Sector Skill Council**

**Guidelines for Assessment:**

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.
2. The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
3. Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below)
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criteria
5. To pass the Qualification Pack , every trainee should score a minimum of 70% in every NOS
6. 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 Pack.

<b>Assessable Outcomes</b>	<b>Assessment Criteria</b>	<b>Total marks</b>	<b>Out of</b>	<b>Theory</b>	<b>Skills Practical</b>
PSS/ N 0101: Assisting in repair and maintenance of Power Distribution Lines and components	PC1. work safely at all times, complying with health and safety legislation, regulations and other relevant guidelines	<b>100</b>	7	2	5
	PC2. adhere to procedures or systems in place for health and safety, personal protective equipment (PPE) and other relevant safety regulations for electrical and related operations		7	2	5
	PC3. work following laid down procedures and instructions		4	1	3
	PC4. ensure that all tools, equipment, etc. are in a safe and usable condition and are kept at secured location		3	0	3
	PC5. ensure work area is clean and safe from hazards before and after the job is completed		3	0	3
	PC6. prepare and maintain the work area as per procedure or operation specification		5	2	3
	PC7. identify various types of circuits and its components correctly		5	2	2
	PC8. identify accurately and acquire correct tools, equipment and instruments required for various aspects of repair and		5	2	3

	maintenance of distribution lines and components				
	PC9. ensure the tools and equipment are well maintained and handled, and approved for use	2	0		3
	PC10. select and use tools and equipment such as chainsaws, pruning saws, man lifts and chippers to trim trees or its branches where required	2	0		3
	PC11. identify hazards of trimming trees such as limits of approach, public safety and step and touch potential	5	2		3
	PC12. clean and handle transmission and distribution line tools according to standard procedures	6	2		4
	PC13. follow instruction, job standards and specifications accurately and safely while assisting linemen in performing off-line overhead and underground line maintenance procedure according to company procedures	7	2		5
	PC14. hold, align, load and unload, poles and related equipment as per instructions and job standards and requirements accurately and safely while assisting in pole dismantling and re-setting procedure as per company procedures	6	2		4
	PC15. carry out conductor stringing procedures, paving conductor on the ground along the pole under the guidance of lineman/supervisor as per instructions	6	2		4
	PC16. re-tighten stay wires as per standard procedure, on instructions	5	1		3
	PC17. tighten nuts and bolts securely for aligning lines and under guidance of lineman	3	0		3
	PC18. hold, handover components, measure, unpack, join, align, load, unload equipment as per instructions, job standards and requirements accurately and safely while assisting linemen in repair of conductors by splicing, jointing, using armor rods, line guards and vibration dampers	6	2		4
	PC19. deal promptly and effectively with problems within control, and seek help and guidance from the relevant people for problems that cannot be resolved	4	0		4

	PC20. leave the work area in a safe and tidy condition on completion of the repair and maintenance activities		3	0	3
	PC21. refer unresolved job related problems to appropriate personnel for support		3	0	3
	PC22. monitor the problem and keep the supervisor informed about progress or any delays in resolving the problem		3	0	3
			<b>100</b>	<b>24</b>	<b>76</b>
PSS N 0102 (Preparation and assistance for erection and maintenance of power distribution lines)	PC1. work safely at all times, complying with health and safety legislation, regulations and other relevant guidelines	<b>100</b>	6	2	4
	PC2. adhere to procedures or systems in place for health and safety, personal protective equipment (PPE) and other relevant safety regulations for electrical and related operations		6	2	4
	PC3. work following laid down procedures and instructions		4	1	3
	PC4. ensure that all tools, equipment, power cables are in a safe and usable condition and are kept at secured location		3	0	3
	PC5. ensure work area is clean and safe from hazards before and after the job is completed		4	1	3
	PC6. clarify and accurately understand job requirements for specific operations as per instructions given		4	1	3
	PC7. identify equipment and tools required for installation work		4	1	3
	PC8. perform loading and unloading operations for pole tower parts, tools and equipment in a safe and efficient manner		4	1	3
	PC9. report hazards to senior crew members		4	1	3
	PC10. perform excavation operations for pole setting, as per requirement and specifications mentioned by the supervisor, in a safe and efficient manner		6	2	4
	PC11. perform pole erection procedures as per requirements and instructions, in a safe and efficient manner		6	2	4
	PC12. set poles to proper depth, and align properly to the satisfaction of the supervisor		5	1	4
	PC13. measure materials accurately for concrete mixing as per instructions		5	1	4

	PC14. mix concrete to required texture and consistency as per instructions given		4	1	3
	PC15. carry out pit filling as per requirement, as correct procedures		5	1	4
	PC16. perform pole dismantling procedure where required		5	1	4
	PC17. perform post-installation procedures for ensuring clean and safe environment in the work and surrounding area		5	1	4
	PC18. remove the waste components safely and correctly		4	1	3
	PC19. deal promptly and effectively with problems within control, and seek help and guidance from the relevant people for problems that cannot be resolved		4	1	3
	PC20. leave the work area in a safe and tidy condition on completion of the erection activities		3	1	2
	PC21. refer unresolved job related problems to appropriate personnel for support		4	1	3
	PC22. monitor the problem and keep the lineman or supervisor informed about progress or any delays in resolving the problem		5	1	4
			<b>100</b>	<b>25</b>	<b>75</b>
PSS/ N 0103: Assisting in operation and maintenance of 11/0.433 KV Distribution Substation	PC1. work safely at all times, complying with health and safety legislation, regulations and other relevant guidelines	<b>100</b>	6	2	4
	PC2. adhere to procedures or systems in place for health and safety, personal protective equipment (PPE) and other relevant safety regulations for Electrical and related operations		6	2	4
	PC3. work following laid down procedures and instructions		4	1	3
	PC4. ensure that all tools, equipment, power cables are in a safe and usable condition and are kept at secured location		3	0	3
	PC5. ensure work area is clean and safe from hazards before and after the job is completed		3	0	3
	PC6. clarify and understand accurately job requirements for specific operations as per instructions given by supervisor		5	2	3
	PC7. identify various components of the power system		4	2	2



	PC8. identify equipment and tools required for installation work accurately		4	2	2
	PC9. inspect the component to check if it is as per specification and without defects		5	1	4
	PC10. identify, measure and acquire correct materials required for the Substation erection and installation work		6	1	5
	PC11. perform loading and unloading operations for substation parts in a safe and efficient manner		3	0	3
	PC12. assist in lifting the transformer and putting it on the transformer bed in a safe and efficient manner		6	2	4
	PC13. hand over correct equipment and tools to supervisors and senior technicians in a safe manner		3	1	2
	PC14. clean bushings, transformer and other components safely and as per correct procedure		5	1	4
	PC15. remove dust & dirt deposition, salt or chemical deposition, cement or acid fumes depositions		3	0	3
	PC16. clean conservator from inside as per instruction and standard procedure		5	2	3
	PC17. climb ladders and elevated platforms and structures to carry out maintenance and other activities, safely		5	1	4
	PC18. layout gravel in the substation as required		3	1	2
	PC23. assist in fixing the fence to secure the substation in a safe, efficient manner as per correct procedure		6	2	4
	PC19. fix rating plate and diagram plate as per requirement		6	2	4
	PC20. deal promptly and effectively with problems within control, and seek help and guidance from the relevant people for problems that cannot be resolved		3	0	3
	PC21. leave the work area in a safe and tidy condition on completion of the substation construction and maintenance activities		3	0	3
	PC22. refer unresolved job related problems to appropriate personnel for support		3	0	3
			<b>100</b>	<b>25</b>	<b>75</b>
PSS/ N 0104: Assisting in laying of	PC1. work safely at all times, complying with health and safety legislation,	<b>100</b>	7	2	5

underground and AB cables	regulations and other relevant guidelines			
	PC2. adhere to procedures or systems in place for health and safety, personal protective equipment (PPE) and other relevant safety regulations for Electrical and related operations	7	2	5
	PC3. work following laid down procedures and instructions	5	1	4
	PC4. ensure that all tools, equipment, power cables are in a safe and usable condition and are kept at secured location	5	1	4
	PC5. ensure work area is clean and safe from hazards before and after the job is completed	5	1	4
	PC6. clarify job requirements for specific operations as per instructions given from the supervisor	6	2	4
	PC7. identify all tools, equipment and material supplies required for the work are acquired and transported safely to the work site	6	2	4
	PC8. perform loading and unloading of materials, tools and equipment in a safe and efficient manner	7	2	5
	PC9. perform trench digging operations as per requirement and specifications, in a safe and efficient manner	8	2	6
	PC10. pull cable through conduit using equipment such as tension machines, winches and capstans	6	2	4
	PC11. measure materials required for the concrete mix and mixing them in proportions specified by the supervisor	8	3	5
	PC12. deal promptly and effectively with problems within control, and seek help and guidance from the relevant people for problems that cannot be resolved	5	0	5
	PC13. perform post-installation procedures for ensuring clean and safe environment in the work and surrounding area	7	2	5
	PC14. refer unresolved job related problems to appropriate personnel for support	5	0	5
	PC15. monitor the problem and keep the supervisor informed about progress or any delays in resolving the problem	6	1	5

	PC16. transport and store materials, equipment, tools as per laid down practice, in as safe and efficient manner		7	2	5
			<b>100</b>	<b>25</b>	<b>75</b>
PSS/ N 2001 (Use basic health and safety practices at the workplace)	PC1. use protective clothing/equipment for specific tasks and work conditions	<b>100</b>	3	0	3
	PC2. state the name and location of people responsible for health and safety in the workplace		2	0	2
	PC3. state the names and location of documents that refer to health and safety in the workplace		2	0	2
	PC4. identify job-site hazardous work and state possible causes of risk or accident in the workplace		3	1	2
	PC5. follow electrical safe working procedures such as Tag out/Lock out, PTW (Permit To Work),		3	1	2
	PC6. follow warning signs (danger, out of service, etc.) while working with electrical systems		3	1	2
	PC7. use standard safe working practices when working at heights, confined areas and trenches		3	1	2
	PC8. test any electrical equipment and system using insulated testing devices before touching them		3	1	2
	PC9. ensure positive isolation of electrical equipment & system as per given standards		3	1	2
	PC10. recognize any abnormalities in electrical equipment or system installed alarm annunciation and/or noticing parameters from gauge/ indicator installed		3	1	2
	PC11. carry out safe working practices while dealing with hazards to ensure the safety of self and others		3	1	2
	PC12. state methods of accident prevention in the work environment of the job role		2	0	2
	PC13. state location of general health and safety equipment in the workplace		2	0	2
	PC14. inspect for faults, set up and safely use of scaffolds and elevated platforms and ladders		2	0	2
	PC15. lift, carry and transport heavy objects & tools safely using correct procedures from storage to workplace and		3	1	2

	vice versa			
	PC16. inspect power plant and its equipment routinely for any signs of oil, water and/or steam leakage	3	0	3
	PC17. store flammable materials and machine lubricating oil safely and correctly	2	0	2
	PC18. check that the emission and pollution control devices are working properly in line with environmental policy standards	5	2	3
	PC19. apply good housekeeping practices at all times	3	1	2
	PC20. identify common hazard signs displayed in various areas	2	0	2
	PC21. retrieve and/or point out documents that refer to health and safety in the workplace	2	0	2
	PC22. inform relevant authorities about any abnormal situation/behavior of any equipment/system promptly	3	0	3
	PC23. use the various appropriate fire extinguishers on different types of fires correctly	4	1	3
	PC25. demonstrate good housekeeping in order to prevent fire hazards	3	1	2
	PC26. demonstrate the correct use of a fire extinguisher	3	1	2
	PC27. demonstrate how to free a person from electrocution	3	1	2
	PC28. administer appropriate first aid to victims where required e.g. in case of bleeding, burns, choking, electric shock, poisoning etc.	3	0	3
	PC29. demonstrate basic techniques of bandaging	3	1	2
	PC30. respond promptly and appropriately to an accident situation or medical emergency in real or simulated environments	3	1	2
	PC31. perform and organize loss minimization or rescue activity during an accident in real or simulated environments	3	1	2
	PC32. administer first aid to victims in case of a heart attack or cardiac arrest due to electric shock, before the arrival of emergency services in real or simulated cases	3	1	2

	PC33. demonstrate the artificial respiration and the CPR Process		3	1	2
	PC34. participate in emergency procedures		3	1	2
	PC35. complete a written accident/incident report or dictate a report to another person, and send report to person responsible		3	1	2
	PC36. demonstrate correct method to move injured people and others during an emergency		3	1	2
			<b>100</b>	<b>24</b>	<b>76</b>
CSC/ N 1336 (Work effectively with others)	PC1. accurately receive information and instructions from the supervisor and fellow workers, getting clarification where required	<b>100</b>	10	3	7
	PC2. accurately pass on information to authorized persons who require it and within agreed timescale and confirm its receipt		10	3	7
	PC3. give information to others clearly, at a pace and in a manner that helps them to understand		10	3	7
	PC4. display helpful behavior by assisting others in performing tasks in a positive manner, where required and possible		10	3	7
	PC5. consult with and assist others to maximize effectiveness and efficiency in carrying out tasks		10	3	7
	PC6. display appropriate communication etiquette while working		10	3	7
	PC7. display active listening skills while interacting with others at work		10	3	7
	PC8. use appropriate tone, pitch and language to convey politeness, assertiveness, care and professionalism		10	3	7
	PC9. demonstrate responsible and disciplined behaviors at the workplace		10	3	7
	PC10. escalate grievances and problems to appropriate authority as per procedure to resolve them and avoid conflict		10	3	7
			<b>100</b>	<b>30</b>	<b>70</b>

**Comment [H7]:** The job holder at this particular level is suppose to be responsible for his own work and learning

**Comment [H8R7]:** But for some aspects of the job the person does take instructions and information. But responsible for own work and learning. These are not mutually exclusive

## **SECTION 2**

### **EVIDENCE OF NEED**

#### **What evidence is there that the qualification is needed?**

While collecting data from secondary sources and industry representatives, which was collected with respect to roles for which qualification packs development, was to be prioritized. This was largely based on dominant roles in the sector, volume of people required, quantitative and qualitative shortfall which the Industry feels they face. Governing council of PSSC gave final approval and endorsement for the same.

#### **What is the estimated uptake of this qualification and what is the basis of this estimate?**

Internal Skills Gap analysis Reports for industry demand and secondary research data, though these do not lend to accurate demand projection. These include CEA and 12<sup>th</sup> plan reports.

- Feedback from industry for demand though again sample size may not lend to accurate figures
- Training duration, and current and potential training capacity envisaged

An LMIS development initiative is being put in place to be more precise regarding the demand and supply

An RFP is being issued for a more detailed occupational map and skills gap study and will be used to further provide information regarding the same.

#### **What steps were taken to ensure that the qualification(s) does/do not duplicate already existing or planned qualifications in the NSQF?**

- NSDC list of Approved and Under-Development QPs was checked prior to commissioning the work
- NSDC QRC team also confirmed the same

#### **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?**

- Agencies have been appointed by the SSC to interact with training providers to gather feedback in implementation.
- Monitoring of results of assessments
- Employer feedback will be sought post-placement
- A formal review is scheduled in two years time (2017)

Please attach any documents giving further information about any of the topics above.

Give details of the document(s) here:

- Report to the Governing Council
- Minutes of the meeting of GC meetings
- CEA and 12<sup>th</sup> plan reports on Human Resource & Skills Requirement in Power Sector

## **SECTION 3**

### **SUMMARY OF DIRECT EVIDENCE OF LEVEL**

Justify the NSQF level allocated to the QP. Relate information about the job role and build upon the five descriptors for the level to justify.

Technical Helper (Distribution)				PSS/ Q 0101	
Process required	Professional Knowledge	Professional Skills	Core Skills	Responsibility	Level
<p>The incumbent works as part of a team and carries out routine and repetitive tasks or processes with little understanding and more of practice.</p> <p>Eg.</p> <ul style="list-style-type: none"> <li>hold, align, load and unload, poles and related equipment as per instructions and job standards and requirements accurately and safely while assisting in pole dismantling and re-setting procedure as per company procedures</li> <li>carry out conductor stringing procedures, paving conductor on the ground along the pole under the guidance of lineman/supervisor as per instructions</li> <li>re-tighten stay wires as per standard procedure, on instructions</li> <li>tighten nuts and bolts securely for aligning lines and under guidance of lineman</li> </ul> <p>Not level 3 as the person does not carry</p>	<p>The incumbent identifies, maintains and works with materials and tools, for routine and repetitive processes.</p> <p>Eg.</p> <ul style="list-style-type: none"> <li>select and use tools and equipment such as chainsaws, pruning saws, manlifts and chippers to trim trees or its branches where required</li> </ul>	<p>The incumbent has limited service skill used in limited context.</p> <p>As mentioned earlier he/she selects and applies tools, assist in professional works</p> <p>Eg.</p> <ul style="list-style-type: none"> <li>hold, align, load and unload, poles and related equipment as per instructions and job standards and requirements accurately and safely while assisting in pole dismantling and re-setting procedure as per company procedures</li> <li>carry out conductor stringing procedures, paving conductor on the ground along the pole under the guidance of lineman/supervisor as per instructions</li> </ul>	<p>The helper communicates with team members with no formal communication expectations and at most will receive and transmit written and oral messages for work related matters. The job does not involve writing reports or logs, etc.</p> <p>Eg.</p> <ul style="list-style-type: none"> <li>listen and interpret information correctly regarding various job specifications, health and safety instructions, memos, etc. applicable to the job in English and/or local language</li> <li>check and clarify task-related information</li> </ul> <p>This is not level 3 as communication</p>	<p>The incumbent works under supervision and has no formal responsibilities for any job or related quality on their own (therefore not level 3). The incumbent will be held responsible by team for completing tasks. Not level 1 as the instruction is not continuous.</p> <p>Eg.</p> <ul style="list-style-type: none"> <li>carry out conductor stringing procedures, paving conductor on the ground along the pole under the guidance of lineman/supervisor as per instructions</li> <li>refer unresolved job related problems to appropriate personnel for support</li> </ul>	2

**Comment [H9]:** The examples mentioned in this comment is relating to document and record findings and preparation of recommendation. Does these two activities require mathematical skills? If so, Kindly elaborate

**Comment [H10R9]:** Explanatory note given

<p>out full jobs, but only certain tasks and processes. Not level 1 as the person does require prior practice.</p>		<ul style="list-style-type: none"> <li>• re-tighten stay wires as per standard procedure, on instructions</li> <li>• tighten nuts and bolts securely for aligning lines and under guidance of lineman</li> <li>• hold, handover components, measure, unpack, join, align, load, unload equipment as per instructions, job standards and requirements accurately and safely while assisting linemen in repair of conductors by splicing, jointing, using armor rods, line guards and vibration dampers</li> </ul>	<p>with minimum clarity is not expected, also not level 1 as the incumbent has to know more than just reading and writing, to transmit messages as given in the example above.</p> <p>Also the following entail basic arithmetic</p> <ul style="list-style-type: none"> <li>• follow instruction, job standards and specifications accurately and safely while assisting linemen in performing off-line overhead and underground line maintenance procedure according to company procedures</li> <li>• hold, align, load and unload, poles and related equipment as per instructions and job standards and requirements accurately and safely while assisting in pole</li> </ul>		
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**Comment [PB11]:** These examples are not required

**Comment [SMS12R11]:** Deleted



			dismantling and re-setting procedure as per company procedures <ul style="list-style-type: none"> <li>• carry out conductor stringing procedures, paving conductor on the ground along the pole under the guidance of lineman/supervisor as per instructions</li> </ul>		
2	2	2	2	2	

**OTHER EVIDENCE OF LEVEL** [This need only be filled in where evidence other than primary outcomes was used to allocate a level] (Optional)

Summary of other evidence (if used):

nil

**SECTION 4**

**EVIDENCE OF RECOGNITION OR PROGRESSION**

**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?**

- Vertical mobility options have been articulated, horizontal mobility will be articulated once full occupational mapping of the sector is completed.
- Vertical mobility to Lineman Distribution

**Comment [H13]:** Details on vertical mobility may be given

**Comment [H14R13]:** Response given

Please attach any documents giving further information about any of the topics above.

Give details of the document(s) here:

- List of companies and Industry associations participated in developed of these qualifications (part of report)