

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

NSDA Reference
To be added by NSDA

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

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

Address if different from above:

Tel number(s): 91-11-40793153, 40793152

E-mail address: vinodbehari14@yahoo.co.in

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.

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

SUMMARY

Qualification Title	Cable Jointer Electrical Power System
Qualification Code	PSS/Q1002
Nature and purpose of the qualification	Nature of the qualification - Qualification Pack (QP) The main purpose of the qualification - Perform Installing, repairing and jointing cables
Body/bodies which will award the qualification	Power Sector Skill Council
Body which will accredit providers to offer courses leading to the qualification	Power Sector Skill Council
Body/bodies which will carry out assessment of learners	Navriti Tehcnologies Pvt Ltd, Bangalore Induslynk Training Service Pvt Ltd., Gurgaon Aspiring Minds Assessment Pvt Ltd., Gurgaon Manipal City and Builds Pvt Ltd. New Delhi Trendsetters Skill Assessors Pvt Ltd., Gurgaon Ace Assessments Pvt Ltd., New Delhi Assure Qualaity Management Certification Services Pvt Ltd. , Panchukula Prima Competencies Pvt Ltd., New Delhi
Occupation(s) to which the qualification gives access	Cable Jointer
Licensing requirements	N/A
Level of the qualification in the NSQF	4
Anticipated volume of training/learning required to complete the qualification	200 Hours
Entry requirements and/or recommendations	8th pass
Progression from the qualification	Junior Engineer- Distribution (Level 5)
Planned arrangements for the	RPL arrangements and policies are under development. The guidelines should be ready in 2-3 months.

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

Recognition of Prior learning (RPL)			
International comparability where known In the process of being developed			
Date of planned review of the qualification.		19/07/2018	
Formal structure of the qualification			
Title of component and identification code.	Mandatory/ Optional	Estimated size (learning hours)	Level
PSS/N1002 Installing, repairing and jointing cables	Mandatory	144	4
PSS/N2001 Use basic health and safety practices at the workplace	Mandatory	32	4
PSS/N1336 Work effectively with others	Mandatory	24	4
Add boxes as required for alignment.			

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

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

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

SECTION 1 ASSESSMENT

Body/Bodies which will carry out assessment:

1. Navriti Tehcnologies Pvt Ltd, Bangalore
2. Induslynk Training Service Pvt Ltd., Gurgaon
3. Aspiring Minds Assessment Pvt Ltd., Gurgaon
4. Manipal City and Builds Pvt Ltd. New Delhi
5. Trendsetters Skill Assessors Pvt Ltd., Gurgaon
6. Ace Assessments Pvt Ltd., New Delhi
7. Assure Qualaity Management Certification Services Pvt Ltd. , Panchukula
8. Prima Competencies Pvt Ltd., New Delhi

How will RPL assessment be managed and who will carry it out?

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

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.

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

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

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

The assessment results are backed by evidences collected by assessors.

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

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.

Please attach any 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.

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

ASSESSMENT EVIDENCE

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

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

CRITERIA FOR ASSESSMENT OF TRAINEES

Job Role Cable Jointer Electrical Power System

Qualification Pack PSS/Q1002

Qualification Pack 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

Assessable Outcomes	Assessment Criteria	Total Marks	Out of	Theory	Skills Practical
1. PSS/ N 1002 Installing, repairing and jointing cables	• prepare and maintain the work area as per procedure or operation specification	100	6	3	3
	• identify accurately and acquire correct tools, equipment and instruments required for various aspects		6	2	4
	• use tools- hacksaw, chisel , measuring tap, blow lamp, file- rectangular or half round, mallet, crimping machine - manual and hydraulic		6	1	5

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

<ul style="list-style-type: none"> apply knowledge of type of cable on the basis of 1. Conductor 2. Insulator 3. Size and 4. Application 	6	2	4
<ul style="list-style-type: none"> apply knowledge of various cables jointing technology-1. Epoxy joint (Cast Resins) 2. Heat shrinks joint 3. AB cable jointing 	6	2	4
<ul style="list-style-type: none"> use types of cable joints on the basis of - Usage, Termination, straight through, indoor, outdoor etc. 	6	1	5
<ul style="list-style-type: none"> prepare different types of cables with different cable sheathing systems and accessories for the jointing process. 	6	2	4
<ul style="list-style-type: none"> apply knowledge of preparation of cable for jointing 1. Identification 2. Isolation 3. Grounding 4. Digging of jointing pit 5. initial testing of cable etc. 	6	2	4
<ul style="list-style-type: none"> carry out jointing activities- 1. Measuring 2. Peeling of cable Insulation 3. Ferrule punching and socket punching in case of cable termination joint etc. 	6	1	5
<ul style="list-style-type: none"> apply knowledge pertaining to joint process/procedures 1. Unpacking jointing kit 2. Counting and identification of each material of jointing kit 3. Reading of jointing kit manual 4. Measurement of cable as per manual 5. Peeling as per manual 6. Ferrule and socket punching as per manual 	6	2	4
<ul style="list-style-type: none"> insulate cable joints and terminations according to the specifications or code of practice using heat shrink tubing or cold mix compound, plumb lead or aluminum sheathed cable in any plane and apply the alternative use of mechanical earth connector. 	6	1	5
<ul style="list-style-type: none"> ensure continuity of cables 	6	2	4
<ul style="list-style-type: none"> ensure proper clamping of cables and tightening, ensure proper earthing of cable armor 	6	1	5

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

	<ul style="list-style-type: none"> • apply Live work procedures and skills for Tee and Straight LV joints and terminations 		6	2	4
	<ul style="list-style-type: none"> • deal promptly and effectively with problems within control, and seek help and guidance from the relevant people for problems that cannot be resolved 		4	2	2
	<ul style="list-style-type: none"> • leave the work area in a safe and tidy condition on completion of the repair and maintenance activities refer unresolved job related problems to appropriate personnel for support 		6	2	4
		Total	100	30	70
<ul style="list-style-type: none"> • PSS/N2001 Use basic health and safety practices for power related work 	<ul style="list-style-type: none"> • use protective clothing/equipment for specific tasks and work conditions. 	100	3	0	3
	<ul style="list-style-type: none"> • state the name and location of people responsible for health and safety in the workplace 		2	0	2
	<ul style="list-style-type: none"> • state the names and location of documents that refer to health and safety in the workplace 		2	0	2
	<ul style="list-style-type: none"> • identify job-site hazardous work and state possible causes of risk or accident in the workplace 		3	1	2
	<ul style="list-style-type: none"> • follow electrical safe working procedures such as Tag out/Lock out and display PTW (Permit To Work), 		3	1	2
	<ul style="list-style-type: none"> • follow warning signs (danger, out of service, etc.) while working with electrical systems 		3	1	2
	<ul style="list-style-type: none"> • use standard safe working practices when working at heights, confined areas and trenches 		3	1	2
	<ul style="list-style-type: none"> • test any electrical equipment and system using insulated testing devices before touching them 		3	1	2
	<ul style="list-style-type: none"> • ensure positive isolation of electrical equipment & system as per given standards 		3	1	2
	<ul style="list-style-type: none"> • recognize any abnormalities in electrical equipment or system installed alarm annunciation and/or noticing parameters from gauge/ indicator installed 		3	1	2
	<ul style="list-style-type: none"> • carry out safe working practices while dealing with hazards to ensure the safety of self and others 		3	1	2

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

<ul style="list-style-type: none"> state methods of accident prevention in the work environment of the job role 	2	0	2
<ul style="list-style-type: none"> state location of general health and safety equipment in the workplace 	2	0	2
<ul style="list-style-type: none"> inspect for faults, set up and safely use of scaffolds and elevated platforms and ladder 	2	0	2
<ul style="list-style-type: none"> lift, carry and transport heavy objects & tools safely using correct procedures from storage to workplace and vice versa 	2	1	1
<ul style="list-style-type: none"> inspect Grid station and its equipment routinely for any signs of oil and water leakage 	2	0	2
<ul style="list-style-type: none"> store flammable materials and machine lubricating oil safely and correctly 	2	0	2
<ul style="list-style-type: none"> check that the emission and pollution control devices are working properly in line with environmental policy standards 	3	1	2
<ul style="list-style-type: none"> apply good housekeeping practices at all times 	3	1	2
<ul style="list-style-type: none"> identify common hazard signs displayed in various areas 	2	0	2
<ul style="list-style-type: none"> retrieve and/or point out documents that refer to health and safety in the workplace 	2	0	2
<ul style="list-style-type: none"> inform relevant authorities about any abnormal situation/behavior of any equipment/system promptly 	3	0	3
<ul style="list-style-type: none"> use the various appropriate fire extinguishers on different types of fires correctly 	2	1	1
<ul style="list-style-type: none"> distinguish types of fire 	3	1	2
<ul style="list-style-type: none"> demonstrate rescue techniques applied during fire hazard 	3	1	2
<ul style="list-style-type: none"> demonstrate good housekeeping in order to prevent fire hazards 	3	1	2
<ul style="list-style-type: none"> demonstrate the correct use of a fire extinguisher 	3	1	2
<ul style="list-style-type: none"> demonstrate how to free a person from electrocution 	3	1	2
<ul style="list-style-type: none"> administer appropriate first aid to victims where required e.g. in case of bleeding, burns, choking, electric shock, poisoning etc. 	3	0	3

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

	<ul style="list-style-type: none"> demonstrate basic techniques of bandaging 		3	1	2
	<ul style="list-style-type: none"> respond promptly and appropriately to an accident situation or medical emergency in real or simulated environments 		3	1	2
	<ul style="list-style-type: none"> perform and organize loss minimization or rescue activity during an accident in real or simulated environments 		3	1	2
	<ul style="list-style-type: none"> 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
	<ul style="list-style-type: none"> demonstrate the artificial respiration and the CPR Process 		3	1	2
	<ul style="list-style-type: none"> participate in emergency procedures Emergency procedures: raising alarm, safe/efficient, evacuation, correct means of escape, correct assembly point, roll call, correct return to work 		3	1	2
	<ul style="list-style-type: none"> complete a written accident/incident report or dictate a report to another person, and send report to person responsible 		3	1	2
	<ul style="list-style-type: none"> demonstrate correct method to move injured people and others during an emergency 		3	1	2
•	•		100	24	76
<ul style="list-style-type: none"> PSS/N1336 Work effectively with others 	<ul style="list-style-type: none"> accurately receive information and instructions from the supervisor and fellow workers, getting clarification where required 	100	10	3	7
	<ul style="list-style-type: none"> accurately pass on information to authorized persons who require it and within agreed timescale and confirm its receipt 		10	3	7
	<ul style="list-style-type: none"> give information to others clearly, at a pace and in a manner that helps them to understand 		10	3	7
	<ul style="list-style-type: none"> display helpful behaviour by performing tasks in a positive manner, where required and possible 		10	3	7
	<ul style="list-style-type: none"> perform with others to maximize effectiveness and efficiency in carrying out tasks 		10	3	7
	<ul style="list-style-type: none"> display appropriate communication etiquette while 		10	3	7

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

	working			
	<ul style="list-style-type: none"> display active listening skills while interacting with others at work 	10	3	7
	<ul style="list-style-type: none"> use appropriate tone, pitch and language to convey politeness, assertiveness, care and professionalism 	10	3	7
	<ul style="list-style-type: none"> demonstrate responsible and disciplined behaviors at the workplace 	10	3	7
	<ul style="list-style-type: none"> escalate grievances and problems to appropriate authority as per procedure to resolve them and avoid conflict 	10	3	7
		100	30	70

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

SECTION 2 EVIDENCE OF LEVEL

OPTION B

Title/Name of qualification/component: Cable Jointer Electrical Power System		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
Process	Cable jointer works on joints of low voltage (LV) and high voltage cables (11kV) with the circuits dead and earthed locally at both ends of cables. He also needs to locate cable faults. The candidate should be able to climb ladders, scaffolds, poles and towers of various heights. Also able to crawl and work in confined spaces such as attics, manholes and crawlspaces. The candidate should be able to read, hear and understand instructions and warnings.	The job involves working in familiar, predictable, routine, situation of clear choice such as preparing and maintaining work area and process equipments. Hence, it qualifies as a Level 4 role. Since it does not involve several choices to be made even in a familiar context, the role does not qualify for Level 5. This role requires the job holder to work in a familiar, predictable, routine of clear choice and the activities that h/she is expected to perform are not limited in range and should be able to read, hear and understand instructions and warnings. Attend minor repairs and defaults, ensure that the work area is safe and hygienic for food processing .Hence it cannot be placed at level 3.	4
Professional knowledge	<ul style="list-style-type: none"> relevant terminology like current, voltage, resistance, inductance, capacitance, kilovolt ampere (kVA), kilowatt (kw), active power, kilowatt hour(kwh) type of cable on the basis of different power equipment's, like conductor, insulator and their application cable jointing technologies-like, Epoxy joint (Cast 	The job holder is expected to have factual knowledge of field of knowledge or study. Mentioned areas are related to factual knowledge of field of knowledge, the role qualifies for Level 4. The job holder is expected to know more than basic facts and principles, such as he/she is	4

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

Title/Name of qualification/component: Cable Joints Electrical Power System		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
	<p>Resins), Heat shrinks joint, AB cable jointing etc.</p> <ul style="list-style-type: none"> • types of cable joints and relevant usage like termination, straight through, indoor, outdoor etc. • process and procedure of cable identification, isolation, grounding, digging of jointing pit and initial testing of cable • jointing process and procedures • use of different tools like gas cylinder, blower, clamping tools, cable jointing kit etc. • different cable sizes, their ratings, bending radii, direct laying and draw in systems • need for authorization and permit to work in substation and control room • need to have permit to work from municipality/corporation 	<p>expected to be familiar with all machines and equipment's. He/she is expected to check the working and performance of all machineries and tools. Need for authorization and permit to work in substation and control room, Since this role requires factual knowledge of field of knowledge or study, it cannot be pegged at level 3.</p>	
Professional skill	<ul style="list-style-type: none"> • make appropriate judgments and decisions • identify complex problems and review related information to develop and evaluate • follow organization rule based decision making process • take decision with systematic course of actions and/or response • planning and organization of tasks to meet deadlines • build customer relationships and use customer centric approach • identify problems and review related information to develop and evaluate options and implement solutions • prioritize and plan for solving problem • monitor problem solving to take corrective action with individuals and organizations 	<p>The job holder is expected to carry out routine and repetitive activities in a narrow range of application, using appropriate rule and tool.</p> <p>All activities are mostly repetitive and have a narrow range of application, hence qualifying the role for a Level 4.</p> <ul style="list-style-type: none"> • As this job requires a lot of experience and observation skills, identify problems and review related information to develop and evaluate options and implement solutions <p>For Example, the job holder is expected for</p>	4

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

Title/Name of qualification/component: Cable Joints Electrical Power System		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
	<ul style="list-style-type: none"> analyze problems and changes in conditions, operations, and the environment to solve problems analyze the problem seen in the equipment collect the information and technical data and define process for doing testing and maintenance critically evaluate operation parameters in relation to product features intended develop holistic and comprehensive profile of products based on segregated discrete process stages 	<p>analysing critical points in day to day tasks through experience and observation, planning and organizing the work and jobs , planning to utilise time and equipment's effectively, and identify control measures to solve the issue,etc. Therefore, it cannot be pegged at level 3.</p>	
Core skill	<ul style="list-style-type: none"> prepare and maintain the work area as per procedure or operation specification identify accurately and acquire correct tools, equipment and instruments required for various aspects use tools- hacksaw, chisel, measuring tape, blow lamp, file-rectangular or half round, mallet, crimping machine -manual and hydraulic identify and know the application of the different types of cables used in different power equipment's use various cable jointing technology use different types of cable jointing methods use different types of cables jointing accessories, systems and processes prepare cable for jointing by identifying, isolation, grounding, digging of jointing pit and also doing initial testing of cables carry out jointing activities like measuring, peeling of cable insulation, ferrule punching and socket punching in case of cable termination joint insulate cable joints and terminations as per 	<p>The job holder is expected to communicate with clarity, have basic arithmetic skills and a basic understanding of political and natural environment. For instance, s/he should be able to note the information communicated, note the readings of process parameters, such as document and maintain records, write information documents to internal departments/ internal teams, read and interpret the process flow chart for products produced, effectively communicate with team members and cross department teams on the issues faced during process and identify accurately and acquire correct tools, equipment and instruments required for various aspects</p> <p>Hence, this role qualifies for Level 4.</p> <p>As this job requires having direct communication with the supervisor for the</p>	4

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

Title/Name of qualification/component: Cable Joints Electrical Power System		Level: 4	
NSQF Domain	Key requirements of the job role	How the job role relates to the NSQF level descriptors	NSQF Level
	<p>specifications and code of practice</p> <ul style="list-style-type: none"> • ensure continuity of cables • ensure clamping of cables and tightening • ensure proper earthing of cable armor • apply live work procedures and skills for Tee and Straight LV joints and terminations • deal promptly and effectively with problems within scope of control • leave the work area in a safe and tidy condition always 	<p>discussion about the tasks and schedules, For Example, the job holder is expected to discuss task lists, schedules and activities with the supervisor , read and interpret the process required for producing various types of products, effectively communicate with team members , communicate clearly with the supervisor and cross department teams on the issues faced during the process , question the supervisor in order to understand the nature of the problem and to clarify queries. Therefore, it cannot be pegged at level 3.</p>	
Responsibility	<ul style="list-style-type: none"> • Responsibility for own work and learning 	<p>The job holder is responsible for only own work and learning. S/he is a skilled worker who carries out activities after reading and understanding the production order, refer to the process chart Hence, this role qualifies for Level 4. It does not comprise of any supervisory activities. Since , the job holder is expected to be responsible for own working and learning and is not under any supervision , identify accurately and acquire correct tools, equipment and instruments required for various aspects Therefore, this role cannot be pegged at level 3.</p>	4

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

SECTION 3

EVIDENCE OF NEED

What evidence is there that the qualification is needed?

While collecting data from secondary sources (Details mentioned in the attached skill gap report) 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.

Estimated Demand for the qualification:21,950

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 12th 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 year time (2017)

Please attach any 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.

- Report to the Governing Council
- Minutes of the meeting of GC meetings
- Power Sector Skill Council Skill Gap Report

NSQF QUALIFICATION FILE GUIDANCE

Version 6: Draft of 08 March 2016

SECTION 4 EVIDENCE OF 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 have been articulated, horizontal mobility will be articulated once full occupational mapping of the sector is completed.
- Vertical Mobility to Junior Engineer- Distribution

Please attach any 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.

Detailed Occupation Mapping for Distribution Subsector

