



Model Curriculum

Technical Helper (Distribution)

SECTOR: POWER
SUB-SECTOR: DISTRIBUTION
OCCUPATION: TECHNICAL HELPER
REF ID: PSS/ Q 0101, VERSION 1.0
NSQF LEVEL: 2



Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the

POWER SECTOR SKILLS COUNCIL

for the

MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/ Qualification Pack: 'Technical helper' QP No. 'PSS/Q 0101 NSQF Level 2'

Date of Issuance: **January 11th, 2016**

Valid up to: **January 10th, 2018**

* Valid up to the next review date of the Qualification Pack


Authorised Signatory
(Power Skill Development Council)



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Technical Helper (Distribution)

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Technical Helper (Distribution)”, in the “Power” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Lineman Helper		
Qualification Pack Name & Reference ID.	Technical Helper Distribution, PSS/Q 0101		
Version No.	1.0	Version Update Date	26-03 -2017
Pre-requisites to Training	8th pass		
Training Outcomes	<ul style="list-style-type: none"> • Understand basics of Electricity and unit of measurement of current, voltage, resistance, various elements of power system (Generation, Transmission, Distribution), role of a Technical helper during construction and maintenance activities. • Gain familiarity with the assistance to be provided during construction and maintenance of power distribution lines, pole mounting sub stations and laying of underground cables and AB Cables particularly the following Digging of pits for pole erection, paving of conductor before stringing of lines, digging of trenches for cable erection, earth filling of trenches, lifting of distribution transformers during pole mounting substation erection assist in carrying out various test for substation commissioning • Identify of various line material and accessories: Effectively identify, various material and accessories for lines and distribution sub stations • Identification and usage of various tools and tackles: Select & use the specified tools and equipment relevant to line construction and maintenance works of power distribution lines and sub stations. procedures for loading, unloading of materials. • Become well versed with Environment Health & Safety: Well versed with health and safety measures in terms of personal safety and equipment safety relevant to lineman helper occupation. • Handle Material & Store rightly: Right method stacking of relevant materials used for pole, transformer and other substation activities. 		

This course encompasses 6 out of 6 National Occupational Standards (NOS) of “Technical Helper” Qualification Pack issued by “Power Sector Skill Council”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p>Introduction</p> <p>Theory Duration (hh:mm) 03:00</p> <p>Practical Duration (hh:mm) 00:00</p> <p>Corresponding NOS Code PSS N 0101</p>	<ul style="list-style-type: none"> • Functions of Power Distribution Companies • Relevant Legislation, Electricity act 2003, CERC, SERC. • Job role and responsibilities, Employment Terms, Employment opportunities. 	
2	<p>Basic of Electricity</p> <p>Theory Duration (hh:mm) 04:00</p> <p>Practical Duration (hh:mm) 03:00</p> <p>Corresponding NOS Code PSS N 0101</p>	<ul style="list-style-type: none"> • Explain the basic key concepts of Voltage, Current, Capacitance, Resistance, KVA, KWh. • Elements of power systems, transmission, distribution and generations. 	Voltmeter, Ammeter, Multimeter, Wattmeter, Resistor etc.
3	<p>Distribution Line Works(Materials & Accessories)</p> <p>Theory Duration (hh:mm) 04:00</p> <p>Practical Duration (hh:mm) 15:00</p> <p>Corresponding NOS Code PSS N 0101</p>	<ul style="list-style-type: none"> • To be able to identify material and accessories for the distribution lines. 	Various types of Poles(Steel, Cement, P.S.C), Conductor, Insulator, Cross Arms

Sr. No.	Module	Key Learning Outcomes	Equipment Required
4	<p>Tools and Equipment used in erection and maintenance of lines</p> <p>Theory Duration (hh:mm) 02:00</p> <p>Practical Duration (hh:mm) 09:00</p> <p>Corresponding NOS Code PSS N -0101</p>	<ul style="list-style-type: none"> To be able to understand the usage of various tools and tackles during erection and maintenance of lines 	<p>Portable drilling machine, screw driver, twisting wrench, combination plier, spanner set etc.</p>
5	<p>Construction Practices-Distribution Lines</p> <p>Theory Duration (hh:mm) 04:00</p> <p>Practical Duration (hh:mm) 12:00</p> <p>Corresponding NOS Code PSS N 0101</p>	<ul style="list-style-type: none"> To understand the procedure of loading/unloading of various material at site. To be able to dig pits for pole erecting, paving of conductor To be able to assist the linemen in stringing of lines and fitting of various accessories to the pole 	<p>Poles, Conductors, Stay wire, Stay binding, Conductor joints, Screw driver, combination pliers, crow bar, Hammer, Portable electric drill machine</p>
6	<p>Maintenance of Power distribution lines</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 14:00</p> <p>Corresponding NOS Code PSS N 0102</p>	<ul style="list-style-type: none"> To be able to assist/help the linemen during various line maintenance activities while attending to line breakdown and also during patrolling of line 	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
7	<p>11 KV Distribution Transformer Erection</p> <p>Theory Duration (hh:mm) 05:00</p> <p>Practical Duration (hh:mm) 15:00</p> <p>Corresponding NOS Code PSS N 0103</p>	<ul style="list-style-type: none"> To understand the functioning of 11Kv distribution transformer and various accessories including AB switches. To assist in pole erection and lifting of transformer during pole mounting substation erection 	<p>Tripod, Chain pulley, Ms channel of various sizes.</p>
8	<p>11Kv Distribution Transformer Maintenance</p> <p>Theory Duration (hh:mm) 03:00</p> <p>Practical Duration (hh:mm) 11:00</p> <p>Corresponding NOS Code PSS N 0103</p>	<ul style="list-style-type: none"> To be able to assist the linemen during various maintenance activities of distribution transformer viz taking out transformer oil for testing, insulation resistance test etc. 	<p>Oil testing kits, Tripod, Chain pulley, Megger, AB Switch, Ms channels of various sizes</p>
9	<p>Laying of underground & AB cables</p> <p>Theory Duration (hh:mm) 04:00</p> <p>Practical Duration (hh:mm) 18:00</p> <p>Corresponding NOS Code PSS N 0104</p>	<ul style="list-style-type: none"> Familiarity with usage of various kinds of underground cables and AB Cables Loading/unloading of cable drum to site Digging of trenches and helping in laying of racks inside a cable tunnel Back filling of trenches 	<p>Various Types of cables(XLPE, PVC, PILCA), Cable roller stool, Pulling winch etc.</p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
10	<p>Basic Health & Safety practices for power related work</p> <p>Theory Duration (hh:mm) 08:00</p> <p>Practical Duration (hh:mm) 19:00</p> <p>Corresponding NOS Code PSS/N2001</p>	<ul style="list-style-type: none"> To understand basic health and safety practices covering CEA safety regulations 2010. To understand various safety signs Usage of PPE including protective clothing Firefighting, First-Aid etc. 	<p>Helmet, Gloves, Discharge rod, Safety rope, rubber mat, fire extinguisher, ladder, Neon tester.</p>
11	<p>Soft Skills</p> <p>Theory Duration (hh:mm) 10:00</p> <p>Practical Duration (hh:mm) 07:00</p> <p>Corresponding NOS Code CSC/N1336</p>	<ul style="list-style-type: none"> To work effectively in a team. Effective communication, good interpersonal relation, discipline behaviour, developing a positive attitude and building self-confidence. 	
	<p>Total Duration:</p> <p>Theory Duration 52:00</p> <p>Practical Duration 123:00</p>	<p>Unique Equipment Required: Mutlimeter, Come along clamp, portable electric drill machine, Tripod, Discharge rod, oil testing kit, discharge rod, Helmet, Gloves, Discharge rod, Safety rope, rubber mat, fire extinguisher, ladder, Neon tester. etc.</p>	

Grand Total Course Duration: 175 Hours 00 Minutes

(This syllabus/ curriculum has been approved by POWER SECTOR SKILL COUNCIL)

Trainer Prerequisites for Job role: “Technical Helper” mapped to Qualification Pack: “PSS/Q 0101”

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “PSS/Q 0101”.
2	Personal Attributes	Aptitude for conducting training, and pre/ post work to ensure competent, employable candidates at the end of the training. Strong communication skills, interpersonal skills, ability to work as part of a team; a passion for quality and for developing others; well-organised and focused, eager to learn and keep oneself updated with the latest in the mentioned field.
3	Minimum Educational Qualifications	ITI Electrician (Minimum) but preferably B.Tech (Electrical), 3 year Diploma Electrical Engineering.
4a	Domain Certification	Certified for Job Role: “Technical Helper” mapped to QP: “PSS/Q 0101”. Minimum accepted score as per PSSC guidelines – 70%.
4b	Platform Certification	Recommended that the Trainer is certified for the Job Role: “Trainer”, mapped to the Qualification Pack: “SSC/Q1402”. Minimum accepted score as per PSSC guidelines – 70%.
5	Experience	<p>Engineer B.Tech. (Electrical) with at least 1-year relevant experience in power distribution either in the Power Distribution utility or with the turnkey /EPC contractors of the power distribution companies carrying out the work of erection of power distribution lines and sub stations etc.</p> <p>3 years Diploma in Electrical Engineering with at least 2-3 years’ relevant experience in power distribution either in the Power Distribution utility or with the turnkey /EPC contractors of the power distribution companies carrying out the work of erection of power distribution lines and sub stations etc.</p> <p>ITI Electrician with at least five-year relevant experience in power distribution either in the Power Distribution utility or with the turnkey /EPC contractors of the power distribution companies carrying out the work of erection of power distribution lines and sub stations etc.</p>

Annexure: Assessment Criteria

Assessment Criteria for Technical Helper Distribution	
Job Role	Technical Helper Distribution
Qualification Pack	PSS/Q 0101
Sector Skill Council	Power SSC

Sr. No.	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 centre (as per assessment criteria below)
4	Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training centre 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

ASSESSMENT OUTCOME (NOS CODE AND DESCRIPTION)	ASSESSMENT CRITERIA (PC)	TOTAL MARKS	OUT OF	MARKS ALLOCATION	
				THEORY	SKILLS PRACTICAL
1. 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	100	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 maintenance of distribution lines and components		5	2	3
	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, manlifts 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		6	2	4

ASSESSMENT OUTCOME (NOS CODE AND DESCRIPTION)	ASSESSMENT CRITERIA (PC)	MARKS ALLOCATION			
		TOTAL MARKS	OUT OF	THEORY	SKILLS PRACTICAL
	and job standards and requirements accurately and safely while assisting in pole dismantling and re-setting procedure as per company procedures				
	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
		Total	100	24	76
PSS/ N 0102: PREPARATION AND ASSISTANCE FOR ERECTION OF POWER DISTRIBUTION LINES	PC1. work safely at all times, complying with health and safety legislation, regulations and other relevant guidelines		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		3	0	3

ASSESSMENT OUTCOME (NOS CODE AND DESCRIPTION)	ASSESSMENT CRITERIA (PC)	MARKS ALLOCATION			
		TOTAL MARKS	OUT OF	THEORY	SKILLS PRACTICAL
	condition and are kept at secured location				
	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		5	1	4

ASSESSMENT OUTCOME (NOS CODE AND DESCRIPTION)	ASSESSMENT CRITERIA (PC)	MARKS ALLOCATION			
		TOTAL MARKS	OUT OF	THEORY	SKILLS PRACTICAL
	lineman or supervisor informed about progress or any delays in resolving the problem				
		Total	100	25	75
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		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

ASSESSMENT OUTCOME (NOS CODE AND DESCRIPTION)	ASSESSMENT CRITERIA (PC)	TOTAL MARKS	OUT OF	MARKS ALLOCATION	
				THEORY	SKILLS PRACTICAL
	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
		Total		100	25
PSS/ N 0104: ASSISTING IN LAYING OF UNDERGROUND AND AB CABLES	PC1. work safely at all times, complying with health and safety legislation, regulations and other relevant guidelines		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		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

ASSESSMENT OUTCOME (NOS CODE AND DESCRIPTION)	ASSESSMENT CRITERIA (PC)	TOTAL MARKS	OUT OF	MARKS ALLOCATION	
				THEORY	SKILLS PRACTICAL
	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
			100	25	75
PSS/ N 2001: USE BASIC HEALTH AND SAFETY PRACTICES FOR POWER RELATED WORK	PC1. use protective clothing/equipment for specific tasks and work conditions	100	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		3	1	2

ASSESSMENT OUTCOME (NOS CODE AND DESCRIPTION)	ASSESSMENT CRITERIA (PC)	TOTAL MARKS	OUT OF	MARKS ALLOCATION	
				THEORY	SKILLS PRACTICAL
	when working at heights, confined areas and trenches				
	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 vice versa		3	1	2
	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/behaviour of any equipment/system promptly		2	0	2
	PC23. use the various appropriate fire extinguishers on different types of fires correctly		3	1	2

ASSESSMENT OUTCOME (NOS CODE AND DESCRIPTION)	ASSESSMENT CRITERIA (PC)	TOTAL MARKS	OUT OF	MARKS ALLOCATION	
				THEORY	SKILLS PRACTICAL
	PC24. demonstrate rescue techniques applied during fire hazard		3	1	2
	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 were required e.g. in case of bleeding, burns, choking, electric shock, poisoning etc.		2	0	2
	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
		Total	100	25	75
PSS/ N 1336 (WORK EFFECTIVELY WITH OTHERS)	PC1. accurately receive information and instructions from the supervisor and fellow workers, getting clarification where required		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		10	3	7

ASSESSMENT OUTCOME (NOS CODE AND DESCRIPTION)	ASSESSMENT CRITERIA (PC)	MARKS ALLOCATION			
		TOTAL MARKS	OUT OF	THEORY	SKILLS PRACTICAL
	pace and in a manner that helps them to understand				
	PC4. display helpful behaviour 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 behaviour 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
		Total	100	30	70
	QP Total		600	154	446



Power Sector Skill Council

Central Board of Irrigation & Power, Malcha Marg, Chanakyapuri,
New Delhi – 110021