



QUALIFICATIONS PACK - OCCUPATIONAL STANDARDS FOR POWER SECTOR

What are Occupational Standards(OS)?

- Ø OS describe what individuals need to do, know and understand in order to carry out a particular job role or function
- Ø OS are
 performance
 standards that
 individuals must
 achieve when
 carrying out
 functions in the
 workplace,
 together with
 specifications of
 the underpinning
 knowledge and
 understanding

Contact Us:

Power Sector Skill Council 2nd Floor, CBIP Building, Malcha Marg, Chanakyapuri, New Delhi - 110021

E-mail: pssc@cbip.in



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Introduction

Qualifications Pack: Tower Foundation Power Transmission

SECTOR: Power

SUB-SECTOR: Transmission

OCCUPATION: Tower Foundation

REFERENCE ID: PSS/Q2004

ALIGNED TO: NCO-2004/NILT

Tower foundation Power transmission is required to possess knowledge of preparing tower foundation as per design of transmission tower

Brief Job Description: Carrying out tower foundation based on design drawing of transmission tower

Personal Attributes: Work is performed mostly outdoors in all weather conditions. Work requires the ability to perform manual activities. Work also involves bending, climbing, pulling, lifting and carrying, kneeling, walking, and standing for significant periods of time. Candidate will be exposed to different geography, different and difficult terrain.







Qualifications Pack Code	PSS/Q2004		
Job Role	Tower Foundation Power Transmission		
Credits (NSQF)	TBD	Version number	1.0
Sector	Power	Drafted on	25/01/2016
Sub-sector	Transmission	Last reviewed on	19/07/2016
Occupation	Tower Foundation	Next review date	19/07/2018
NSQC Clearance Date	Not Applicable		

Job Role	Tower Foundation Power Transmission
Role Description	Carry out tower foundation of power transmission tower. The candidate is also expected to perform in material preparation and handling.
NSQF level	4
Minimum Educational Qualifications	10th Standard
Maximum Educational Qualifications	Not Applicable
Training (Suggested but not mandatory)	Not Applicable
Minimum Job Entry Age	18 Years
Experience	6 months as mason preferred
Applicable National Occupational Standards (NOS)	Compulsory: 1. PSS/N2007 Carry out foundation activities of transmission tower 2. PSS/N2001 Use basic health and safety practices as the workplace 3. PSS/N1336 Work effectively with others Optional: Not Applicable
Performance Criteria	As described in the relevant OS units







Keywords /Terms	Description
Sector	Sector is a conglomeration of different business operations having similar businesses and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Vertical	Vertical may exist within a sub-sector representing different domain areas or the client industries served by the industry.
Occupation	Occupation is a set of job roles, which perform similar/related set of functions in an industry.
Function	Function is an activity necessary for achieving the key purpose of the sector, occupation, or area of work, which can be carried out by a person or a group of persons. Functions are identified through functional analysis and form the basis of OS.
Sub-functions	Sub-functions are sub-activities essential achieving the objectives of the function.
Job role	Job role defines unique set of functions that together form a unique employment opportunity in an organization.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve consistently while carrying out a function at the workplace. Occupational Standards as set of competencies is applicable both in Indian and overreaching global contexts.
Performance Criteria	Performance Criteria defined for a task are statements that together specify the standard of performance while carrying out the task.
National Occupational Standards (NOS)	NOS are Occupational Standards which apply uniquely in Indian context.
Qualifications Pack Code	Qualifications Pack Code is a unique reference code that identifies a qualifications pack.
Qualifications Pack(QP)	Qualifications Pack comprises set of OS, together with the educational, training and other criteria that are required to perform a job role satisfactorily at workplace. A Qualifications Pack is assigned a unique qualification pack code for clear identification.
Knowledge and Understanding	Knowledge and Understanding are statements which together as a set specify the technical, generic, professional and organization specific knowledge that an individual needs to possess in order to perform and meet the required standards consistently.
Organizational Context	Organizational Context includes the way the organization is structured and how it operates. It includes elements of operational knowledge contents defined in relation to functioning of an organization that a skilled professional need to possess specific to its precise areas of responsibility.



Technical Knowledge

Core Skills/Generic

Skills

CPR GIS

Qualifications Pack For Transmission tower erection

designated roles and responsibilities.

Cardio Pulmonary Resuscitation

Geographical Information System

Technical Knowledge is the specific domain knowledge needed to accomplish the task

world. These skills are typically needed in any work environment. In the context of the

in combination with other competencies. It is usually coined with specifically

Core Skills or Generic Skills as set are group of skills. It is key to working in today's



		OS, these include mainly communication related skills that are applicable to most job roles.
	Keywords /Terms	Description
S	PPE	Personal Protective Equipment
λ	KW	Kilowatt
Acronyms	V	Volt
ACT	KWH	Kilo Watt Hour
	PTW	Permit to work

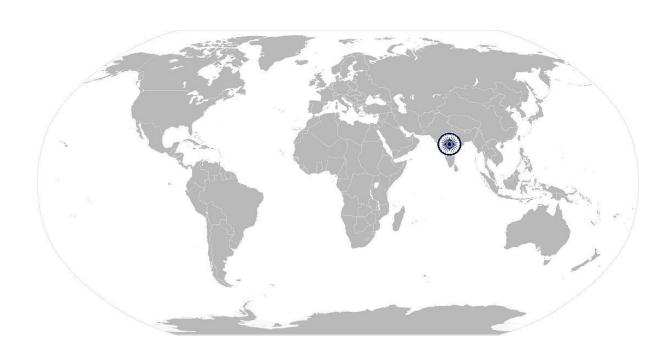






Carry out foundation activities of transmission tower

National Occupational Standard



Overview

This unit is about the tower foundation activities performed by an tower foundation power transmission



National Occupational Standards



PSS/N2007	Carry	out foundation activities of transmission tower

KA5.

KA6.

KA7.

service requests

Unit Code	PSS/N2007
Unit Title (Task)	Carry out foundation activities of transmission tower
Description	He will carry out and perform tower foundation of transmission tower as per design and instructions.
Scope	This unit/task covers the following: transmission tower foundation
Performance Criteria	(PC) w.r.t. the Scope
Element	Performance Criteria
Transmission tower	The user/individual on the job needs to:
foundation	PC1. demonstrate knowledge of power transmission towers
	PC2. demonstrate understanding of types of towers
	PC3. be aware of types of foundation, stub setting, material testing etc.
	PC4. be aware of strata of land and geography transmission line area
	PC5. have knowledge to understand drawing of transmission tower foundation in
	accordance to different types of tower
	PC6. differentiate and apply knowledge of type/component/member of tower
	PC7. apply knowledge of foundation material RCC
	PC8. have the knowledge of excavation process for tower foundation
	PC9. carry all the tools & equipment needed for foundation
	PC10. install proper earthing of equipment for healthy operation
	PC11. help with logistic and material handling
	PC12. apply knowledge of excavation process
	PC13. have understanding of template for foundation of towers, civil foundation
	design, dimensions and foundation of stub configuration
	PC14. be aware of guidelines for ground clearance of stubs
nowledge and Unde	• * *
A. Organizational	The user/individual on the job needs to know and understand:
Context	KA1. relevant legislation, standards, policies, and procedures followed in the
	organisation relevant to own employment and performance conditions
	KA2. relevant health and safety requirements applicable in the work place
	KA3. own job role and responsibilities and sources for information pertaining to
	employment terms, entitlements, job role and responsibilities
	KA4. reporting structure, inter-dependent functions, lines and procedures in the wo

how to engage with specialists for support in order to resolve incidents and

importance of working in a clean and safe environment

relevant people and their responsibilities within the work area







SS/ <u>N</u>	12007 Carry	out foundation activities of transmission tower
	Knowledge	 The individual on the job needs to know and understand: KB1. various type of transmission tower KB2. various type of tower foundation based on type of transmission tower KB3. foundation material KB4. tower foundation process KB5. tools and tackles used in tower foundation KB6. technical manuals, blueprints, schematics, diagrams, plans, specifications estimate time, material and equipment needed to complete assignments KB7. handling of all machineries, equipment & vehicles related to tower foundation KB8. use of appropriate judgment and initiative pertaining to work methods and tools KB9. quality parameters, quality assessment based on physical parameters
	Skills (S)	
•	A. Core Skills/ Generic Skills	Writing Skills The user/ individual on the job needs to know and understand how to: SA1. note the information communicated by the engineer SA2. note down observations (if any) related to the process
		Reading Skills The user/individual on the job needs to know and understand how to: SA3: read and interpret the process required for various types of operations SA4: read, interpret and process flowchart for all operations SA5: read manuals and operations documents to understand the equipment used into operation
		Oral Communication (Listening and Speaking skills) The user/individual on the job needs to know and understand how to: SA6. discuss task lists, schedules and activities with colleagues SA7. effectively communicate with the team members
	B. Professional Skills	Decision Making The user/individual on the job needs to know and understand how to: SB1. follow organization rule-based decision making process SB2. take decision with systematic course of actions and/or response Plan and Organize
		The user/individual on the job needs to know and understand: SB3. planning and organization of tasks to meet deadlines Customer Centricity
		Not Applicable
		Problem Solving The user/individual on the job needs to know and understand how to: SB4. seek and Comprehend operation related inputs for clarification SB5. find ways of modifying difficult operating stages to make it operation friendly







PSS/N2007	Carry out foundation activities of transmission tower
	Analytical Thinking
	The user/individual on the job needs to know and understand how to:
	SB6. apply domain information to set and define operation parameters that
	ensure economy and quality of the service
	Critical Thinking
	The user/individual on the job needs to know and understand how to: SB7. critically evaluate operation parameters in relation to operations intended

NOS Version Control

NOS Code		PSS/N2007	
Credits (NSQF)	TBD	Version number	1.0
Industry	Power	Orafted on	25/01/2016
Industry Sub-sector	Transmission	Last reviewed on	19/07/2016
Occupation	Tower foundation	Next review date	19/07/2018

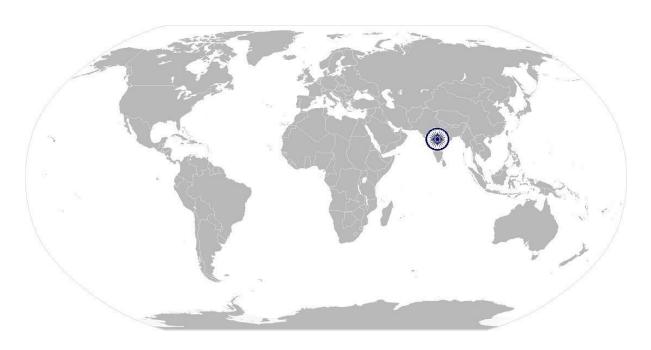






Use basic health and safety practices f or power related work

National Occupational Standard



Overview

This unit covers health, safety and security for power related work. This includes procedures and practices that candidates need to follow to help maintain a healthy, safe and secure work environment.

Unit Code

PSS/N2001







Use basic health and safety practices for power related work		
Unit Title (Task)	Use basic health and safety practices for power related work	
Description	This unit covers health, safety and security for power related work. This includes procedures and practices that candidates need to follow to help maintain a healthy, safe and secure work environment. It covers responsibilities towards self, others, assets and the environment.	
Scope	This unit/task covers the following:	
Performance Criteria(PC)	w.r.t. the Scope	
Element	Performance Criteria	
Health and safety	The user/individual on the job needs to: PC1. use protective clothing/equipment for specific tasks and work conditions. PC2. state the name and location of people responsible for health and safety in the workplace PC3. state the names and location of documents that refer to health and safety in the workplace PC4. identify job-site hazardous work and state possible causes of risk or accident in the workplace PC5. follow electrical safe working procedures such as Tag out/Lock out and display PTW (Permit To Work), PC6. follow warning signs (danger, out of service, etc.) while working with electrical systems PC7. use standard safe working practices when working at heights, confined areas and trenches PC8. test any electrical equipment and system using insulated testing devices before touching them PC9. ensure positive isolation of electrical equipment & system as per given standards	
	 PC10. recognize any abnormalities in electrical equipment or system installed alarm annunciation and/or noticing parameters from gauge/ indicator installed PC11. carry out safe working practices while dealing with hazards to ensure the safety of self and others PC12. state methods of accident prevention in the work environment of the job role PC13. state location of general health and safety equipment in the workplace PC14. inspect for faults, set up and safely use of scaffolds and elevated platforms and ladder PC15. lift, carry and transport heavy objects & tools safely using correct procedures from storage to workplace and vice versa PC16. inspect Grid station and its equipment routinely for any signs of oil and water leakage PC17. store flammable materials and machine lubricating oil safely and correctly PC18. check that the emission and pollution control devices are working properly in line with environmental policy standards 	













PSS/N2001 Use basic health and safety practices for power related work

5,	/N2001 Use basic h	ealth and safety practices for power related work
	B. Technical Knowledge	
	·	KB1. meaning of "hazards" and "risks"
		KB2. health and safety hazards commonly present in the work environment and
		related precautions
		KB3. possible causes of risk, hazard or accident in the workplace and why risk
		and/or accidents are possible
		KB4. possible causes of risk and accident
		KB5. methods of accident prevention
		KB6. safe working practices when working with tools and machines
		KB7. safe working practices while working at various hazardous sites
		KB8. where to find all the general health and safety equipment in the workplace
		KB9. various dangers associated with the use of electrical equipment
		KB10. positive isolation of electrical equipment and system
		KB11. safe handling and disposal of hazardous power plant wastes
		KB12. use of emission and pollution control devices and measures taken to control
		pollution
		KB13. various safety procedures and equipment used to work at heights, trenches
		and confined places
		KB14. safe working practices specific to working with electrical equipment & system
		e.g. lock out/ tag out, PTW, etc.
		KB15. preventative and remedial actions to be taken in the case of exposure to toxic
		materials
		KB16. importance of using protective clothing/equipment and other insulated work
		gear while handling electrical system and equipment
		KB17. precautionary activities taken to prevent fire accident
		KB18. various causes of fire
		KB19. techniques of using the different fire extinguishers
		KB20. different methods of extinguishing fire
		KB21. different materials used for extinguishing fire
		KB22. emergency rescue techniques applied during a fire hazard
		KB23. various types of safety signs and what they mean
		KB24. appropriate basic first aid treatment relevant to the condition e.g. shock,
		electrical shock, bleeding, breaks to bones, minor burns, resuscitation,
		poisoning, eye injuries
	Skills (S)	
	A. Core Skills/	Writing Skills
	Generic Skills	The user/individual on the job, needs to know and understand how to:

A. Core Skills Generic Skills The user/ individual on the job needs to know and understand how to: SA1. note the information communicated by the officer incharge SA2. note down observations (if any) related to the operation/maintenance. Reading Skills The user/individual on the job needs to know and understand how to: SA3. read and interpret the process required for different types of manuals for maintenance.

read and interpret the flowchart of all parts of an assembly.

SA4.







SS	'N2001 Use basic h	nealth and safety practices for power related work
		SA5. read manuals and documents to understand the product-details & how they
		can be used.
		Oral Communication (Listening and Speaking skills)
		The user/individual on the job needs to know and understand how to:
		SA6. discuss task lists, schedules and activities with the colleague.
		SA7. effectively communicate with the team members.
		SA8. attentively listen and comprehend the information given by the colleague
		/contractor.
		SA9. communicate clearly with the colleague on the issues faced during
	B. Professional	query/fault. Decision Making
	Skills	
	orano.	The user/individual on the job needs to know and understand how to:
		SB1. follow colleague/contractor rule-based decision making process.
		SB2. take decisions with systematic course of actions and/or response.
		Plan and Organize
		The user/individual on the job needs to know and understand:
		SB3. planning and organization of tasks to meet deadlines.
		Customer Centricity
		The user/individual on the job needs to know and understand how to:
		SB4. build customer relationships and us stomer centric approach.
		Problem Solving
		The user/individual on the job needs to know and understand how to: SB5. seek and comprehend operation related inputs for clarification
		SB6. find ways of modifying difficult operating stages to make it operation
		friendly
		Analytical Thinking
		The user/individual on the job needs to know and understand how to:
		SB7. work systematically and logically to resolve the issues and identify causation
		and anticipate unexpected results.
		SB8. quick approach and solution towards faults repairing.
		Critical Thinking
		The user/individual on the job needs to know and understand how to:
		SB9. critically evaluate operation parameters in relation to system normality
		SB10. develop a holistic and comprehensive profile of grid station on segregated
		discrete process stages of blank forming processes



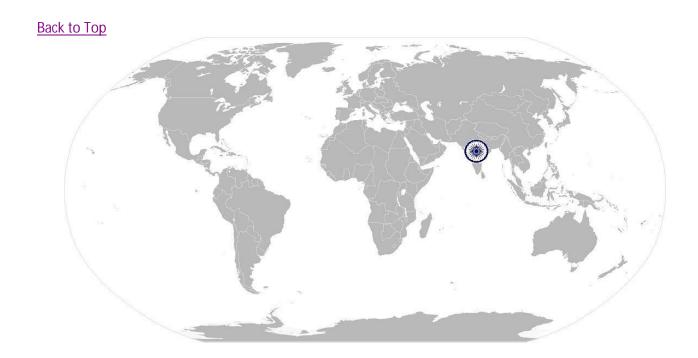




Use basic health and safety practices for power related work

NOS Version Control

NOS Code	PSS/N2001				
Credits (NSQF)	TBD	Version number	1.0		
Industry	Power	Drafted on	04/06/2016		
Industry Sub-sector	Generation, Transmission & Distribution	Last reviewed on	19/07/2016		
Occupation	Technician	Next review date	19/07/2018		



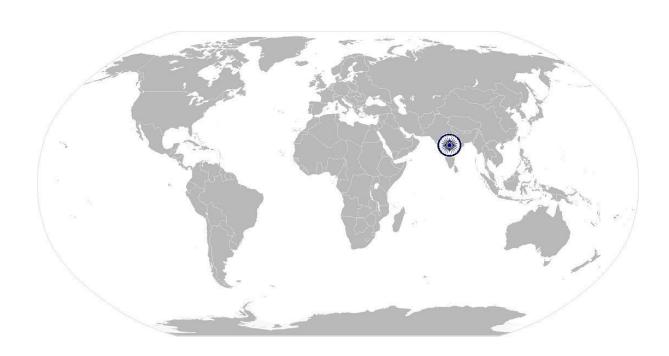






Work effectively with others

National Occupational Standard



Overview

This unit covers basic practices that improve effectiveness of working with others in an organizational set-up



National Occupational Standards



PSS/N1336

Work effectively with others

Unit Code	PSS/N1336
Unit Title (Task)	Work effectively with others
Description	This unit covers basic etiquette and competencies that a candidate is required to possess and demonstrate in their behavior and interactions with others at the workplace.
	These cover areas such as communication etiquette, discipline, listening, handling conflict and grievances.
Scope	This unit/task covers the following: working with others
Performance Criteria(PC	x) w.r.t. the Scope
Element	Performance Criteria
Working with others	 The user/individual on the job should be able to: PC1. accurately receive information and instructions from the supervisor and fellow workers, getting clarification where required PC2. accurately pass on information to authorized persons who require it and within agreed timescale and confirm its receipt PC3. give information to others clearly, at a pace and in a manner that helps them to understand PC4. display helpful behavior by performing tasks in a positive manner, where required and possible PC5. perform with others to maximize effectiveness and efficiency in carrying out tasks PC6. display appropriate communication etiquette while working. PC7. display active listening skills while interacting with others at work PC8. use appropriate tone, pitch and language to convey politeness, assertiveness, care and professionalism PC9. demonstrate responsible and disciplined behavior at the workplace PC10. escalate grievances and problems to appropriate authority as per procedure to resolve them and avoid conflict
Knowledge and Underst	anding (K)
A. Organizational Context (Knowledge of the company / organization and its processes)	The user/individual on the job needs to know and understand: KA1. legislation, standards, policies, and procedures followed in the organisation relevant to own employment and performance conditions KA2. relevant people and their responsibilities within the work area
,	KA3. relevant people and their responsibilities within the work area KA4. escalation matrix and procedures for reporting work and employment

related issues







Work effectively with others

B. Technical	The user/individual on the job needs to know and understand:
Knowledge	KB1. various categories of people that one is required to communicate and co-
	ordinate with in the organization
	KB2. importance of effective communication in the workplace
	KB3. importance of teamwork in organizational and individual success
	KB4. various components of effective communication
	KB5. key elements of active listening
	KB6. value and importance of active listening and assertive communication
	KB7. barriers to effective communication
	KB8. importance of tone and pitch in effective communication
	KB9. importance of avoiding casual expletives and unpleasant terms while
	communicating professional circles
	KB10. how poor communication practices can disturb people, environment and cause problems for the employee, the employer and the customer
	KB11. importance of ethics for professional success
	KB12. importance of discipline for professional success
	KB13. what constitutes discipline behavior for a working professional
	KB14. common reasons for interpersonal conflict
	KB15. importance of developing effective working relationships for professional
	success
	KB16. how to express and address grievances appropriately and effectively
	KB17. importance and ways of managing interpersonal conflict effectively
Skills (S) (Optional)	
A. Core Skills/	Writing Skills
Generic Skills	
OCHORIC SKIIIS	The user/individual on the job needs to know and understand how to:
	SA1. note the information communicated by the officer incharge. SA2. note down observations (if any) related to the operation/maintenance.
	Reading Skills
	The user/individual on the job needs to know and understand how to:
	SA3. read and interpret the process required for different types of manuals
	SA4. read and interpret the flowchart of all parts of an assembly.
	SA5. read manuals and documents to understand the product-details & how they can be used.
	Oral Communication (Listening and Speaking skills)
	, , ,
	The user/individual on the job needs to know and understand how to:
	SA6. discuss task lists, schedules and activities with the colleague. SA7. effectively communicate with the team members.
	SA8. attentively listen and comprehend the information given by the colleague
	/contractor.
	SA9. communicate clearly with the colleague on the issues faced during
	query/fault.
B. Professional	, , , , , , , , , , , , , , , , , , ,
B. Professional Skills	query/fault.







Work effectively with others

	SB11. follow colleague/contractor rule-based decision making process.
	SB12. take decisions with systematic course of actions and/or response.
	Plan and Organize
	The user/individual on the job needs to know and understand:
	SB13. planning and organization of tasks to meet deadlines.
	Customer Centricity
	The user/individual on the job needs to know and understand how to:
	SB14. build customer relationships and use customer centric approach.
	Problem Solving
	The user/individual on the job needs to know and understand how to:
	SB15. seek and comprehend operation related inputs for clarification
	find ways of modifying difficult operating stages to make it operation
Ć.	friendly
	Analytical Thinking
	The user/individual on the job need to know and understand how to:
	SB16. work systematically and logically to resolve the issues and identify
	causation and anticipate unexpected results. Quick approach and solution
	towards faults repairing.
	Critical Thinking
	The user/individual on the job needs to know and understand how to:
	SB17. critically evaluate operation parameters in relation to system normality
	develop a holistic and comprehensive profile of grid station.

NOS Version Control

NOS Code	PSS/N1336				
Credits (NSQF)	TBD	Version number	1.0		
Industry	Power	Drafted on	04/06/2016		
Industry Sub-sector	Generation, Transmission & Distribution	Last reviewed on	19/07/2016		
Occupation	Technician	Next review date	19/07/2018		

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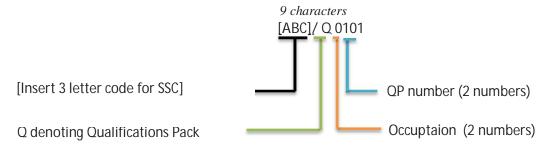




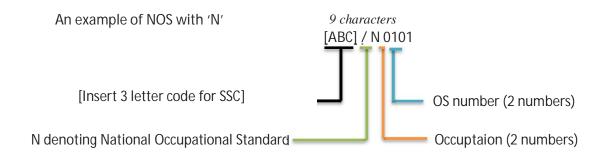
Annexure

Nomenclature for QP and NOS

Qualifications Pack



Occupational Standard







The following acronyms/codes have been used in the nomenclature above:

Sub-sector	Range of Occupation numbers
[Insert Name of Sub-sector1, Font: Calibri (Body), size 11, Bold]	[Insert range]
[Insert Name of Sub-sector2, Font: Calibri (Body), size 11, Bold]	[Insert range]
[Insert Name of Sub-sector3, Font: Calibri (Body), size 11, Bold]	[Insert range]
[Insert Name of Sub-sector4, Font: Calibri (Body), size 11, Bold]	[Insert range]

Sequence	Description	Example
Three letters	Industry name	[ABC, Font: Calibri (Body), size 11]
Slash	/	/
Next letter	Whether QP or NOS	N
Next two numbers	Occupation code	01
Next two numbers	OS number	01





CRITERIA FOR ASSESSMENT OF TRAINEES

<u>Job Role</u> Tower Foundation Power Transmission <u>Qualification Pack</u> PSS/Q2004

Sector Skill Council Power

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

			Marks A	llocation	
Assessable outcomes	Assessment criteria for outcomes	Total Marks	Out Of	Theory	Skills Practical
PSS/N2007 Carry out foundation	PC1. demonstrate knowledge of power transmission towers		6	2	4
activities of transmission tower	PC2. demonstrate understanding of types of towers		8	3	5
ti diisiiiissioii towei	PC3. be aware of types of foundation, stub setting, material testing etc.		10	3	7
	PC4. be aware of strata of land and geography transmission line area		6	2	4
	PC5. have knowledge to understand drawing of transmission tower foundation in accordance to different types of tower	100	9	2	7
	PC6. differentiate and apply knowledge of type/component /member of tower		8	2	6
	PC7. apply knowledge of foundation material-RCC		8	2	6
	PC8. have the knowledge of excavation process for tower foundation		8	2	6





		PC9.	carry all the tools & equipment				
		F C 7.	needed for foundation		6	3	3
		PC10.	install proper earthing of equipment for healthy operation		7	2	5
		PC11.	help with logistic and material handling		5	2	3
		PC12.	apply knowledge of excavation process		6	2	4
		PC13.	have understanding of template for foundation of towers, civil foundation design, dimensions and foundation of stub configuration		8	2	6
		PC14.	be aware of guidelines for ground clearance of stubs		5	1	4
		Tota	al		100	30	70
2.	PC19 basic health and safety practices for power related work PC2. PC3. PC4.	PC15.	use protective clothing/equipment for specific tasks and work conditions.		3	0	3
		PC1.	state the name and location of people responsible for health and safety in the workplace		2	0	2
		PC2.	state the names and location of documents that refer to health and safety in the workplace		2	0	2
		PC3.	identify job-site hazardous work and state possible causes of risk or accident in the workplace		3	1	2
		PC4.	follow electrical safe working procedures such as Tag out/Lock out and display PTW (Permit To Work),	100	3	1	2
		PC5.	follow warning signs (danger, out of service, etc.) while working with electrical systems		3	1	2
		PC6.	use standard safe working practices when working at heights, confined areas and trenches		3	1	2
		PC7.	test any electrical equipment and system using insulated testing devices before touching them		3	1	2





PC8.	ensure positive isolation of electrical equipment & system as per given standards		3	1	2
PC9.	recognize any abnormalities in electrical equipment or system installed alarm annunciation and/or				
	noticing parameters from gauge/ indicator installed		3	1	2
PC10.	carry out safe working practices while dealing with hazards to ensure		3	1	2
	the safety of self and others				
PC11.	state methods of accident prevention in the work environment of the job role		2	0	2
PC12.	state location of general health and	_			
	safety equipment in the workplace		2	0	2
PC13.	inspect for faults, set up and safely	-			
	use of scaffolds and elevated platforms and ladder		2	0	2
PC14.	lift, carry and transport heavy	<u> </u>			
	objects & tools safely using correct procedures from storage to		2	1	1
	workplace and vice versa				
PC15.	inspect Grid station and its	_			
	equipment routinely for any signs of oil and water leakage		2	0	2
PC16.	store flammable materials and machine lubricating oil safely and		2	0	2
	correctly				
PC17.	check that the emission and pollution control devices are				
	working properly in line with environmental policy standards		3	1	2
PC18.	apply good housekeeping practices at all times		3	1	2





Ţ			T T	1		, , , , , , , , , , , , , , , , , , , ,
F	PC19.	identify common hazard signs displayed in various areas		2	0	2
F	PC20.	retrieve and/or point out documents that refer to health and safety in the workplace		2	0	2
F	PC21.	inform relevant authorities about any abnormal situation/behavior of any equipment/system promptly		3	0	3
F	PC22.	use the various appropriate fire extinguishers on different types of fires correctly		2	1	1
F	PC23.	distinguish types of fire		3	1	2
F	PC24.	demonstrate rescue techniques applied during fire hazard		3	1	2
F	PC25.	demonstrate good housekeeping in order to prevent fire hazards		3	1	2
F	PC26.	demonstrate the correct use of a fire extinguisher		3	1	2
F	PC27.	demonstrate how to free a person from electrocution		3	1	2
F	PC28.	administer appropriate first aid to victims where required e.g. in case of bleeding, burns, choking, electric shock, poisoning etc.		3	0	3
F	PC29.	demonstrate basic techniques of bandaging		3	1	2
F	PC30.	respond promptly and appropriately to an accident situation or medical emergency in real or simulated environments		3	1	2
F	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 Emergency procedures: raising alarm, safe/efficient, evacuation, correct means of escape, correct assembly point, roll call, correct return to work		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
				100	24	76
3. PSS/N1336 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 pace and in a manner that helps them to understand	100	10	3	7
	PC4.	display helpful behaviour by performing tasks in a positive manner, where required and possible		10	3	7
	PC5.	perform with 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 behaviours at the workplace		10	3	7
PC10. escalate grievances and problem appropriate authority as per procedure to resolve them and avoid conflict		10	3	7
		100	30	70