



Model Curriculum

1. Supervisor Electrical Works

SECTOR: Construction
SUB-SECTOR: Real Estate and Infrastructure Construction
OCCUPATION: Construction Electrical Works
REF ID: CON/Q0605, V1.0
NSQF LEVEL: 6





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Supervisor Electrical Works

CURRICULUM / SYLLABUS

This program is aimed at training candidates for the job of a “Supervisor Electrical Works”, in the “Construction” Sector/Industry and aims at building the following key competencies amongst the learner

Program Name	Supervisor Electricals Works		
Qualification Pack Name & Reference ID. ID	CON/Q0605, v1.0		
Version No.	1.0	Version Update Date	23-08-2017
Pre-requisites to Training	Preferably 12 th standard /Low Voltage license from any Govt. recognized licensing authority with 15 years site experience in same occupation for non-trained worker/ 5 years site experience as a certified Foreman Electricals Works		
Training Outcomes	After completing this programme, participants will be able to: <ul style="list-style-type: none">• Provide work related information to concerned engineer and subordinates–Reporting to the concerned engineer related to work and briefing to subordinate for necessary action at workplace.• Organise and deploy resources as per electrical work requirement– Learning and practicing for organizing resources and deploying materials, manpower as per electrical work requirements.• Monitor and execution of electrical works and take corrective action as per requirements – Learning and practicing supervision and execution of electrical works required at work place as per requirements and organizing resources• Manage workplace for safe and healthy work environment – Learn and observe applicable safe work practices and environmental norms, relevant to construction electrical works.		

This course encompasses 4 out of 4 National Occupational Standards (NOS) of “Supervisor - Electrical works” Qualification Pack issued by “Construction Skill Development Council of India”.

Sr. No.	Module	Key Learning Outcomes	Equipment Required
1	<p>Introduction</p> <p>Theory Duration (hh:mm) 08:00</p> <p>Practical Duration (hh:mm) 08:00</p>	<p>Introduction: -</p> <ul style="list-style-type: none"> • Role description/ functions of the job role • Expected personal attributes from the job role • Brief description about course content, mode of learning and duration of course • Future possible progression and career development provisions on completion of the course • Soft skills as applicable to communication, decision making and personal behavior <p>Theory and practical: -</p> <ul style="list-style-type: none"> • computer basics – MS Office, Internet, E-mail • Leadership development program • Model work schedule for installation and dismantling of critical construction equipments (Interpretation and preparation) • Installation guidelines for relevant equipments as provided by manufacturers (Interpretation and description) 	<p><u>infrastructural requirements</u></p> <ol style="list-style-type: none"> 1. classroom having sitting capacity of 30 trainees 2. blackboard 3. LCD monitor 32” 4. Laptop
2	<p>Provide work related information to concerned engineer and subordinates</p> <p>Theory Duration (hh:mm) 175:00</p> <p>Practical Duration (hh:mm) (Recommend that this practical is done in industry set up)</p> <p>175:00</p> <p>Corresponding NOS Code CON/N0614</p>	<p>Theory: -</p> <ul style="list-style-type: none"> • Detailed concept of electrical drawings and extracting of technical specification, resources, manpower, equipment's, materials as per nature of work from electrical drawings. • Handling, storing and precaution for different electricals materials as per standard procedure • Details of different electrical activities in sequence manner as per work plan and standard work method • Standard work method, concept of code for electrical materials related to work • Concept of safety policies, safety precaution, different types of hazards and its preventive measures related to electrical work <p>Demonstration/ Practical (D/P):-</p> <ul style="list-style-type: none"> • Demonstrate making of work plan and sequence of work/electrical activities • Demonstrate the method of reporting to concerned authorities regarding electrical installations/maintenance, status of work, stopping/ suspending construction/ other 	<p><u>Hand tools: -</u></p> <ol style="list-style-type: none"> 1. screw drivers 2. wire cutters 3. wire strippers 4. pliers 5. hammers 6. hacksaws 7. chisels 8. spanners (set) 9. wrenches <p><u>Measuring Instruments</u></p> <ol style="list-style-type: none"> 10. measuring tape 11. spirit level 12. plumb-bob 13. mason's line <p><u>Measuring Devices</u></p> <ol style="list-style-type: none"> 14. multi-meter 15. tester <p><u>Power Tools</u></p> <ol style="list-style-type: none"> 16. drilling machine 17. hand cutting machine

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<p>activities as required before and after electrical works</p> <ul style="list-style-type: none"> • Demonstrate the method to provide requirements related to construction equipment's/ vehicles, manpower, tools, and materials to the concerned authority related to electricals work. • Analyze hazards, breakdown/ mobilization, work delay/ stoppage, quality issues, other unsafe work related cause and explain the reporting procedure to concerned authority • Demonstrate to subordinates about <ul style="list-style-type: none"> ❖ scopes and timelines to be adhered for respective activities ❖ use of tools, electrical measuring devices, material handling/ storing practices and sequence of activities ❖ standard procedure of handling and storing of electrical fixtures, materials and devices • Examine and pass information about hazards and risks involved in working at height, live electrical power lines and working at proximity to heavy electrical machineries • Explain and create direction regarding PPEs to be used during electrical installations and maintenance • Describe about emergency treatment/ first aid to be provided in case of electrical shocks, burns and fall from height • Create and demonstrate direction for reporting procedure to be maintained during electrical works activity and under emergency situations • Analyze and demonstrate electrical outlet as per work requirements 	<p><u>Materials and Fixtures</u></p> <ol style="list-style-type: none"> 18. cables 19. wires 20. sockets 21. switches 22. lights 23. conduits (flexible and rigid) 24. raceways <p><u>Equipment</u></p> <ol style="list-style-type: none"> 25. vibrators 26. bar cutting machine 27. bar bending machine 28. water pumps <p><u>infrastructural requirements</u></p> <ol style="list-style-type: none"> 29. classroom having sitting capacity of 30 trainees 30. blackboard 31. LCD monitor 32" 32. Laptop
3	<p>Organise and deploy resources as per electrical work requirement</p> <p>Theory Duration (hh:mm) 110:00</p>	<p>Theory:</p> <ul style="list-style-type: none"> • Detailed concept about the electrical works to be conducted in sequence as per construction work requirements • Detailed concept about urgency/need of construction works to prioritizing electrical activity 	<p><u>Hand tools: -</u></p> <ol style="list-style-type: none"> 1. wall chasing chisel 2. hammer 3. hacksaw 4. file 5. marking tools 6. table vice

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p>Practical Duration (hh:mm) (Recommend that this practical is done in industry set up)</p> <p>110:00</p> <p>Corresponding NOS Code CON/N0615</p>	<ul style="list-style-type: none"> Detail specification and statutory requirements of electrical installations and maintenances Detailed concept material indent Methods of checks to take physical stock prior to making material indents Detailed idea to monitor consumption of electrical fixtures/ materials and minimize wastage Detailed concept about material requisition vouchers with respect to actual requirement and method of calculation of material quantity for electrical works under scope as per standard practice manpower allocation as per nature and quantum of work Detailed and different concept to keep records of manpower working and work progress <p><u>Demonstration/ Practical (D/P): -</u></p> <ul style="list-style-type: none"> Demonstrate to collate information regarding requirement of electrical tools, devices, fixtures etc. necessary for conducting electrical repair/ maintenance work at site Explain specification and number of electrical goods mentioned in requirements are appropriate as per respective electrical works Demonstrate the method to coordination with store for availability of required electrical goods and method to report to concerned senior if found otherwise Plan and perform indent for material and take necessary approval from concerned engineer Care for availability of consumable electrical goods which are commonly replace/ used at site Connect coordination with concerned persons and take follow-ups for arrival of intend Decide and arrange to ensure sorting and stacking of re-usable electrical goods separately at designated locations to minimize/ control wastage 	<ol style="list-style-type: none"> Stock and die set Pipe cutter to cut pipes Hand brooms Shovels Screw driver set <p><u>Measuring Instruments</u></p> <ol style="list-style-type: none"> measuring tape spirit level plumb-bob mason's line <p><u>Power tools</u></p> <ol style="list-style-type: none"> cutting machine drilling machine power source <p><u>Materials</u></p> <ol style="list-style-type: none"> rigid conduits flexible conduit clamps for conduits screws <p><u>PPEs & safety equipment's</u></p> <ol style="list-style-type: none"> helmet safety shoes safety belt cotton hand gloves goggles Reflective jackets Safety message boards Fire extinguishers Sand buckets <p><u>infrastructural requirements</u></p>

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> • Generalize and evaluate to review specification and number of electrical goods mentioned in material requisition vouchers, prior to taking necessary approval for issuing the same • Examine, evaluate and explain electrical drawing, work plan, specification and guidelines to check material requisition vouchers • Compute and list out quantity requirements of consumable materials considering sequence and stage of activities and report to superior in advance • Examine and mobilize manpower to specified electrical works as per requirement considering criticality of works • Practice and lead to coordinate with sub-contractors to finalize work measurements and labour report 	32. classroom having sitting capacity of 30 trainees 33. blackboard 34. LCD monitor 32” 35. Laptop
4	<p>Monitor and execution of electrical works and take corrective action as per requirements</p> <p>Theory Duration (hh:mm) 175:00</p> <p>Practical Duration (hh:mm) (Recommend that this practical is done in industry set up) 175:00</p> <p>Corresponding NOS Code CON/N0616</p>	<p>Theory:</p> <ul style="list-style-type: none"> • Detailed concept of compatibility of electrical fixtures as per type of installation and power rating • Different types of hazards involved in electrical works and its preventive measures • Method of electrical isolation as per standard electrical norms • Concept of time schedule and milestones for electrical works also principles of measurement, geometry and arithmetic • Applicable statutory requirements for electrical installations and maintenances • Applicable method of inspection to the electrical connections/ installations as per specifications or manufacturer’s guidelines • Idea about specification, power rating, number and brand of electrical fixtures to be used in electrical circuits as per applicable • Planning schedule of preventive maintenance activities for temporary electrical works • Standard procedure of major tests and diagnostic procedures for electrical works • Standard method of installation and repair procedures for site electrical works 	<p>Hand Tools & materials</p> <ol style="list-style-type: none"> 1. trowel 2. pointing Trowel 3. Shovel 4. mortar Pan 5. spade 6. pick axe 7. GI bucket 5L capacity 8. wheel Barrow 9. lime powder 10. wooden pegs 11. hammer 12. hard broom 13. source of water 14. ladder <p>Measuring Instruments</p> <ol style="list-style-type: none"> 15. measuring tape 16. mason’s line <p>Equipment</p> <ol style="list-style-type: none"> 17. hand roller 18. plate vibrator

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> • Concept of manufacturer’s instructions for electrification of plant and machinery on site <p><u>Demonstration/ Practical:</u></p> <ul style="list-style-type: none"> • Design, demonstrate and prioritize electrical works to monitor progress so that to ensure all work and timeline are being met as per plan and meet regulatory requirements as per site compliance • Record and maintain ‘as-built’ details/drawings of the permanent and modifications electrical works as per laid down documentation procedures • Arrange and justify to ensure proper access/work platform is created prior to undertake electrical connections at height/ confined space • Build coordination with concerned authority/other department during electrical maintenance/ repairing works • Evaluate/Predict any types of hazards involved during electrical operations and ensure safety measures as per applicable electrical norms • Perform check to ensure isolation and preventive maintenance of electrical installations/electrical units are done as per standard practice • Suggest any alternative option for installation/maintenance work if required one is not available • Verify and ensure that all installations, troubleshooting and repair of temporary electrical works on site are carried out using correctly calibrated device as per manufacturers guidelines/applicable specifications • Care for and ensure that all electrical installation are safely protected against rain, fire, access of unauthorized person and also erection of safety signage/display • Carry out inspection of faulty electrical works 	<p>19. power source</p> <p><u>PPEs & safety equipment’s</u></p> <p>20. helmet</p> <p>21. safety shoes</p> <p>22. cotton hand gloves</p> <p>23. goggles</p> <p>24. Reflective jackets</p> <p>25. Safety message boards</p> <p><u>infrastructural requirements</u></p> <p>26. classroom having sitting capacity of 30 trainees</p> <p>27. blackboard</p> <p>28. LCD monitor 32”</p> <p>29. laptop</p>
5	<p>Manage workplace for safe and healthy work environments</p> <p>Theory Duration</p>	<p><u>Theory:-</u></p> <ul style="list-style-type: none"> • Housekeeping Standard procedures • Handling and stacking of materials at workplace/stores 	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p>(hh:mm) 40:00</p> <p>Practical Duration (hh:mm) (Recommend that this practical is done in industry set up)</p> <p>40:00</p> <p>Corresponding NOS Code CON/N9002</p>	<ul style="list-style-type: none"> • Various kind of Hazards associated with electrical work and in general in construction sites • Safety, its importance and protective measures • Correct uses of tools and tackles • Personal Protective Equipments (PPE's) <ul style="list-style-type: none"> ❖ Head protection (Helmets) ❖ Ear protection ❖ Fall protection ❖ Foot protection ❖ Face and Eye protection ❖ Hand & body protection ❖ Respiratory protection • Organizational Policies related to Health, environment and Safety: <ul style="list-style-type: none"> ❖ Methods of receiving or sourcing information ❖ Dealing with accidents and emergencies associated with the work and environment ❖ Reporting ❖ Emergency evacuation ❖ Fire risks and safe exit procedures • Reporting procedure to the concerned authority in emergency situations • Fire protection equipments, their type and uses based on requirement and type of fire <p>Demonstration/ Practical :-</p> <ul style="list-style-type: none"> • Demonstrate methods for safe handling and stacking of electrical materials, fixtures, different equipment's/machinery along with its parts and consumables. • Selection of PPEs and their appropriately usage as per working need during electrical works. • Demonstrate safe handling of tools and tackles relevant to different electrical works. • Analysis of hazards involved in electrical works or informing/reporting to seniors regarding hazardous conditions • Identification of locations, situations/ circumstances, malpractices which can be hazardous for works • Reporting in case of emergency 	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> • Selection of fire extinguisher based on classification of fire, standard practice of storing & stacking firefighting equipment/ materials at work locations • Disposal of waste materials as per their nature and effects on weather Reporting in case of emergency 	
	<p>Total Duration</p> <p>Theory Duration 508:00</p> <p>Practical Duration 508:00</p>	<p>Unique Equipment Required:</p> <p><u>Hand Tools, Materials and Fixtures</u> Screw drivers, wire cutters, wire strippers, pliers, hammers, Hacksaws, Chisels, Spanners (Set), Wrenches, File, Marking tools, table vice, Stock and die set, Pipe cutter to cut pipes, Wire cutters, Wire strippers, Spanners (set), wrenches, Trowel, pointing Trowel, Shovel, mortar Pan, spade, pick axe GI bucket 5L capacity, wheel Barrow, lime powder, wooden pegs, hammer, hard broom, source of water, ladder, Cables, wires, sockets, switches, lights, conduits (flexible and rigid), raceways, clamps for conduits, screws</p> <p><u>Measuring Instruments</u> measuring tape, Tester, mason's line, spirit level, plumb bob</p> <p><u>Power tools</u> cutting machine, drilling machine, power source</p> <p><u>Equipment</u> Vibrators, Bar cutting machine, Bar bending machine, water pumps, hand roller, plate vibrator, power source</p> <p><u>PPEs & safety equipment's</u> helmet , safety shoes , cotton hand gloves, goggles, Reflective jackets, Safety message boards</p> <p><u>infrastructural requirements</u> classroom having sitting capacity of 30 trainees, blackboard LCD monitor 32", laptop</p>	

Grand Total Course Duration: **1016 Hours, 0 Minutes**
Recommended **500 hours of OJT**

(This syllabus/ curriculum has been approved by Construction Skill Development Council of India)



Trainer Prerequisites for Job role: “Supervisor Electrical Works” mapped to Qualification Pack: “CON/Q0605, v1.0”

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “CON/Q0605”.
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/12th
4a	Domain Certification	Trainer/Assessor-80% in each NOS of Qualification Pack “MEP/Q0102” or “MEP/Q0104” and Lead trainer/Lead Assessors- 90% in each NOS of Qualification Pack “MEP/Q0101” or “MEP/Q0103”
4b	Platform Certification	Trainer/Assessor-50% in each NOS of Qualification Pack “MEP/Q0101” or “MEP/Q0103” & 80% overall, Lead trainer/ Lead Assessors- 50% in each NOS of Qualification Pack “MEP/Q0101” or “MEP/Q0103” and overall 90%
5	Experience	i. Technical Degree holder with minimum three years of Field experience and preferably two years of teaching experience or, ii. In case of a Diploma Holder five years of field experience and preferably two years of teaching experience or, iii. In case of ITI/12 th pass minimum eight years of field experience and preferably two years of teaching Experience.



CRITERIA FOR ASSESSMENT OF TRAINEES

<u>Job Role</u>	Supervisor Electrical Works
<u>Qualification Pack</u>	CON/Q0605
<u>Sector Skill Council</u>	Construction

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 knowledge part will be based on knowledge bank of questions created by Assessment Bodies subject to approval by SSC
3. Individual assessment agencies will create unique question papers for knowledge/theory part for assessment of candidates as per assessment criteria given below
4. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on assessment criteria.
5. The passing percentage for each QP will be 70%. To pass the Qualification Pack, every trainee should score a minimum of 70% individually in each NOS.
6. The Assessor shall check the final outcome of the practices while evaluating the steps performed to achieve the final outcome.
7. The trainee shall be provided with a chance to repeat the test to correct his procedures in case of improper performance, with a deduction of marks for each iteration.
8. After the certain number of iteration as decided by SSC the trainee is marked as fail, scoring zero marks for the procedure for the practical activity.
9. 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 within the specified timeframe set by SSC.
10. Minimum duration of Assessment of each QP shall be of 4hrs/trainee.



Assessment outcomes	Assessment Criteria for outcomes	Total Mark	Marks Allocation		
			Out Of	Theory	Skills Practical
CON/N0614: Provide work related information to concerned engineer and subordinates	PC1. assist concerned engineer to make/ modify work plan and sequencing of electrical activities as per construction work requirement by providing required information	100	6	3	3
	PC2. report to the concerned engineer about location of electrical installations/ maintenance		6	3	3
	PC3. report concerned engineer about status of work with respect to planned target		6	3	3
	PC4. inform concerned authorities for stopping/ suspending construction/ other activities as required before and after electrical works		6	3	3
	PC5. provide requirement of construction equipments/ vehicles to concerned authority to execute electrical works		7	3.5	3.5
	PC6. provide inputs to concerned engineer regarding requirements for manpower, tools, and materials as per electrical work requirements		7	3.5	3.5
	PC7. provide information to concerned authorities regarding equipment breakdown/ mobilization, work delay/ stoppage, quality issues and any anticipated causes that might obstruct work progress		7	3.5	3.5
	PC8. analyze hazards in workplace and report to concerned authorities for necessary actions		6	3	3
	PC9. brief subordinate workers about scopes and timelines to be adhered for respective activities		7	3.5	3.5
	PC10. brief subordinate about use of tools, electrical measuring devices, material handling/ storing practices and sequence of activities		7	3.5	3.5
	PC11. provide information about hazards and risks involved in working at height, live electrical power lines and working at proximity to heavy electrical machineries		7	3.5	3.5
	PC12. brief subordinate about standard procedure of handling and storing of electrical fixtures, materials and devices		7	3.5	3.5
	PC13. provide direction regarding PPEs to be used during electrical installations and maintenance		7	3.5	3.5
	PC14. brief about emergency treatment/ first aid to be provided in case of electrical shocks, burns and fall from height		7	3.5	3.5
	PC15. provide direction for reporting procedure to be maintained during electrical works activity and under emergency situations		7	3.5	3.5
	Total	100	50	50	



CON/N0615: Organise and deploy resources as per electrical work requirement	PC1. collate information regarding requirement of electrical tools, devices, fixtures etc. necessary for conducting electrical repair/ maintenance work at site	100	8	4	4
	PC2. check specification and number of electrical goods mentioned in requirements are appropriate as per respective electrical works		8	4	4
	PC3. coordinate with store for availability of required electrical goods and report to concerned senior if found otherwise		8	4	4
	PC4. prepare indent for material and take necessary approval from concerned engineer		8	4	4
	PC5. ensure availability of consumable electrical goods which are commonly replace/ used at site, such as bulbs for lighting system, circuit breakers, fuses, switches etc.		8	4	4
	PC6. carry out coordination with concerned persons and take follow-ups for arrival of intend		8	4	4
	PC7. ensure sorting and stacking of re-usable electrical goods (considering safe condition) separately at designated locations to minimise/ control wastage		8	4	4
	PC8. review specification and number of electrical goods mentioned in material requisition vouchers, prior to taking necessary approval for issuing the same		8	4	4
	PC9. read and interpret electrical drawing, work plan, specification and guidelines (if required) prior to check material requisition vouchers		8	4	4
	PC10. carry out necessary calculations regarding quantity requirements of consumable materials considering sequence and stage of activities and report to superior in advance		9	4.5	4.5
	PC11. allocate manpower to specified electrical works as per work requirement considering criticality of works		9	4.5	4.5
	PC12. coordinate with sub-contractors to finalize work measurements and labour report		8	4	4
Total	100	50	50		
CON/N0616: Monitor the execution of electrical works and take corrective action as per requirements	PC1. monitor progress of electrical works to ensure that work all timeline milestones are being met as per plan	100	6	3	3
	PC2. maintain 'as-built' details/ drawings of the permanent electrical works as per laid down documentation procedures		6	3	3
	PC3. ensure proper access/ work platform is created prior to undertake electrical connections at height/ confined space		7	3.5	3.5
	PC4. coordinate with concerned authority if any support required for mechanical works department during electrical maintenance/ repairing works		7	3.5	3.5



	PC5. check for hazards involved in electrical operations and ensure safety control measures are deployed according to applicable electrical norms		6	3	3
	PC6. ensure isolation of electrical installations are done as per standard practice		6	3	3
	PC7. suggest specification of electrical devices/ materials to be used for installation/ maintenance work if required one is not available		7	3.5	3.5
	PC8. prioritize electrical works as per requirement of construction works		6	3	3
	PC9. ensure that all temporary electrical works on site meet compliance and regulatory requirements		6	3	3
	PC10. ensure modifications are incorporated in electrical drawings as per 'as-built' details and updates are recorded according to the applicable documentation procedure		6	3	3
	PC11. ensure that all preventive maintenance activities for temporary site electrical units are completed in due intervals manner as per plan		6	3	3
	PC12. ensure that all tests and diagnostic works for temporary site electrical are carried out using correctly calibrated electrical devices		6	3	3
	PC13. ensure that all installations and repair of temporary electrical works on site are carried out using electrical fixtures/ materials of approved brand and specification		6	3	3
	PC14. ensure completed electrical installations are safely protected against rain, fire and access of unauthorized persons		6	3	3
	PC15. ensure erection of safety signage, display/ caution boards surrounding the electrical installations/ outlets, as per electrical safety norms		6	3	3
	PC16. inspect faulty electrical installations and carry out troubleshooting using appropriate measuring devices as per manufacturer's guidelines/ applicable specifications		7	3.5	3.5
		Total	100	50	50
CON/N9002: Manage workplace for safe and healthy work environment	PC1. ensure proper housekeeping at workplace		5	2.5	2.5
	PC2. implement safe handling , stacking methods at workplace / store		5	2.5	2.5
	PC3. insure that health and safety plan is followed by all subordinates		5	2.5	2.5
	PC4. identify any hazard in workplace and notify them to appropriate authority		5	2.5	2.5
	PC5. ensure that all safety and protection installation are correctly placed & adequate		5	2.5	2.5
	PC6. ensure safe access is available at work place for movement of workers & materials	100	5	2.5	2.5

PC7. ensure safe use of tools and tackles by the workmen as per applicability	5	2.5	2.5
PC8. ensure appropriate use of following Personal Protective Equipment (PPE) as per applicability: <ul style="list-style-type: none"> • Head Protection (Helmets) • Ear Protection • Fall Protection • Foot Protection • Face and Eye Protection, • Hand &Body Protection • Respiratory Protection 	10	5	5
PC9. maintain entrances & exit from confined spaces , excavated pits and other location in concurrence with safety parameters or instruction form safety personals.	5	2.5	2.5
PC10. ensure organizational policies and procedures are followed for health , safety and welfare, in relation to: <ul style="list-style-type: none"> • methods of receiving or sourcing information • dealing with accidents and emergencies associated with the work and environment • reporting • stooping work • evacuation • fire risks and safe exit procedures 	10	5	5
PC11. follow procedures for accident recording and reporting as per organizational and statutory requirements	5	2.5	2.5
PC12. ensure effective adherence to response to emergency procedures / protocols	7.5	3.75	3.75
PC13. report any case of emergency / risks to the concern people at the construction site	7.5	3.75	3.75
PC14. report any perceived risk hazards to the superiors / concerned EHS	7.5	3.75	3.75
PC15. demonstrate the use of fire protection equipments for different type of fire hazard	7.5	3.75	3.75



	PC16. implement control measures to reduce risk & meet legal requirement as per organizational policies		5	2.5	2.5
		Total	100	50	50