



Model Curriculum

1. Assistant Facade Installer

SECTOR: Construction

SUB-SECTOR: Real Estate and Infrastructure Construction

OCCUPATION: Interior & Exterior Finishes

REF ID: CON/Q1104, V1.0

NSQF LEVEL: 2





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Assistant Façade Installer

CURRICULUM / SYLLABUS

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

Program Name	Assistant Façade Installer		
Qualification Pack Name & Reference ID. ID	CON/Q1104, v1.0		
Version No.	1.0	Version Update Date	23-08-2017
Pre-requisites to Training	Preferably 5th standard with 18 months site experience in same occupation for Non trained worker/ 9 months site experience as a certified Helper Façade Installer for Trained worker		
Training Outcomes	After completing this programme, participants will be able to: <ul style="list-style-type: none">• Gain insight into Assistant Façade Installer job role and its career progression:-Introduction to Assistant Façade Installer job role, its roles and responsibilities and its career progression.• Identify & handle hand and power tools relevant to façade installation: -Identification and handling of hand and power tools for façade installation works• Assist in fixing and installing the façade panels into the frames:- Selection and use of hand and power tools for assisting in installation of panels for façade installation works• Fix the interface structures including brackets, frames for installing facades with different type of framing materials: Selection and use of appropriate tools for carrying out fixing of the interface structures including brackets, frames for installing facades with different type of framing materials for façade installation works.• Work effectively in a team to deliver desired results at the workplace:-Introduction to team working and effective communication procedures to be followed at construction sites• Work According to personal Health, Safety & Environment:-Importance of health & safety aspect and measures to be followed at work site.		

This course encompasses 5 out of 5 National Occupational Standards (NOS) of “Assistant Façade Installer” 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) 00:00</p>	<ul style="list-style-type: none"> • General Discipline in the class room. • Basic knowledge of Unit & measurement & arithmetic calculation. • Basic terms used and types of Painting works. • Role of Assistant façade installer in construction industry & their career progression 	<ol style="list-style-type: none"> 1. Classroom having seating requirement for 30 people. 2. Projector 3. Toilet/Urinals (Separate for gents and Ladies) 4. Blackboard
2	<p>Identify & handle hand and power tools relevant to façade installation</p> <p>Theory Duration (hh:mm) 14:00</p> <p>Practical Duration (hh:mm) 66:00</p> <p>Corresponding NOS Code CON/N1108</p>	<p>Theory:-</p> <ul style="list-style-type: none"> • Standard practices of façade installation works • sketches for façade installation • manufacturer’s instructions for façade installation • Different type of windows like fixed, side hung, projecting side, top hung, tilt-turn, vertical slider, horizontal slider, vertical pivot, horizontal pivot etc. • Different type of hand tools used in façade installation • different type of power tools used in façade installation including • hand and power tool manufacturer specifications and operational procedures • safety standards relevant to hand and power tools <p>Demonstration/Practical</p> <ul style="list-style-type: none"> • Describe different hand and power tools and their uses and application. • Demonstration of checks for serviceability of tools and equipment. • Demonstrate selection of appropriate power tools relevant to façade installation works • Demonstrate materials to be used for hand tool application • Demonstrate safe handling and storage of hand and power tools as per manufacturer’s guidelines • Demonstrate selection of equipment to hold material in position and place while using a hand or power tool 	<ol style="list-style-type: none"> 1. Measuring tape 2. Scale 3. Right angle 4. Framing square 5. Chalk line 6. pencil 7. Line dori 8. Plumb bob 9. Spirit level 10. Pliers 11. Punch pliers 12. Hammers 13. Taping knife 14. Sanding tool 15. Hand circular saw 16. Hack saw 17. Jig saw 18. Rake angle 19. Screw driver set 20. Screw gun 21. Hammer Drill machine 22. Rivet gun 23. Metal cutter 24. Silicon gun/caulk gun 25. Stapler 26. Clutch angle 27. Utility knife

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> Describe precautions to prevent damage to material and self while using hand and power tools Demonstrate safe storage and placing of hand tools when not in use. 	
3	<p>Assist in fixing and installing the façade panels into the frames</p> <p>Theory Duration (hh:mm) 14:00</p> <p>Practical Duration (hh:mm) 64:00</p> <p>Corresponding NOS Code CON/N1109</p>	<p>Theory:-</p> <ul style="list-style-type: none"> Standard practices of façade installation works sketches for façade installation manufacturer's instructions for façade installation different type of glass used for panels different type of frame materials like timber, steel, aluminum, PVCu, composites, etc different type of curtain walls such as panelized curtain wall, unitised curtain wall, stick system curtain wall, rain screens etc. Different types of paneling material (aluminum composite panel, glass, glass fiber reinforced concrete, stone, ceramic) and their respective properties and applications appropriate fastening methods to be used (clips & screws, backside attachment, etc.) impact of temperature, vapor, etc. on facade tolerance limits for uniformity of joints and panel positioning different types of joints to be used in frames including butt joint, etc different flashing and interface and their construction as per drawings and specifications Knowledge of transom drained curtain wall and mullion drained curtain wall Components of different type of curtain wall Use of glazing gaskets how to arrange suitable lifting equipment in place at point of installation use of suitable lifting devices for lifting heavy panels to the required places 	<ol style="list-style-type: none"> Measuring tape Scale Right angle Framing square Chalk line pencil Line dori Plumb bob Spirit level Pliers Punch pliers Hammers Taping knife Sanding tool Hand circular saw Hack saw Jig saw Rake angle Screw driver set Screw gun Hammer Drill machine Rivet gun Metal cutter Silicon gun/caulk gun Stapler Clutch angle Utility knife

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> • use of different type of tools for cutting and drilling in panels • allowable tolerance limits for panel positioning • how to keep the panels flat & straight with appropriate no. of screws per sheet • principles of water and air tightness and concept of drained facades, ventilated facades and pressure equalized facades • process of sealing of windows to surrounding wall • Different type of windows like fixed, side hung, projecting side, top hung, tilt-turn, vertical slider, horizontal slider, vertical pivot, horizontal pivot etc. • how to install all penetrations through cladding as required in the specification • the importance of providing proper spacing between panels • use of fasteners of correct size and spacing as per requirements <p><u>Demonstration/Practical (D/P):-</u></p> <ul style="list-style-type: none"> • Demonstrate selection of required materials, tools and equipment • Describe process used for façade installation • Demonstrate checks for serviceability and safety of tools and equipment • Demonstrate and describe visual checks to assess the glass panels for type ,size and imperfections • Demonstrate proper lifting of panels using suitable lifting devices • Demonstrate setting of frame members in place and removal of protection tape from edges of panels. • Demonstrate alignment of panels in line and level. • Identify tools and equipment such as saws, drilling machine, shearing machines rivet guns etc. for cutting of panels • Demonstrate proper marking of panels using suitable tools as per specifications 	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> • Demonstrate cutting of panels as per specified size and as per the type of panels. • Demonstrate precautions and safety measures to be carried out while handling and cuttings façade panels • Describe precautions to avoid contamination of curtain panels while cutting, grinding and drilling • Demonstrate checks for measuring dimensions and accuracy of finish after cutting and drilling • Demonstrate precautions for protection of adjoining elements and finishes during work • Demonstrate holding and handling of panels flat & straight with appropriate number of screws per sheet and external and internal corners vertical and square for fixing • Demonstrate installation of mullions, sill and base flashings as specified • Demonstrate stacking of joints for use as interlocked split • Demonstrate installation of all penetrations through cladding • Demonstrate installation of the first panel in a critical transition area like a corner and carry out proper mounting of the first panel for alignment with adjacent panels • Describe need of providing spacing between panels • Demonstrate alignment of panel clips with the building's stud framing or furring during installation • Demonstrate use of fasteners of correct size and spacing to fasten the panel clip firmly to the wall • Demonstrate assistance in fixing of different type of facade systems such as drained and ventilated facades curtain wall, pressure equalized facades etc 	
4	Fix the interface structures including brackets, frames for installing facades with different type of framing materials	Theory:- <ul style="list-style-type: none"> • Knowledge of drawings and specifications related to fixing of sub structures 	<ol style="list-style-type: none"> 1. Measuring tape 2. Scale 3. Right angle 4. Framing square 5. Chalk line

Sr. No.	Module	Key Learning Outcomes	Equipment Required
	<p>Theory Duration (hh:mm) 16:00</p> <p>Practical Duration (hh:mm) 72:00</p> <p>Corresponding NOS Code CON/N1110</p>	<ul style="list-style-type: none"> • Different tools and equipment such as knives, brooms, electric screw guns, hand and power drills, hand saws, scaffold planks, T-squares, taping knives, trestles, etc. and their use • Process of levelling off the floor before installing the floor frame • method statement / manufacturer's instructions for installation of horizontal and vertical frames • Different type of joints used in frames. • Procedure to calculate area and layout of panel to be installed • importance of providing uniform space between frames as per board dimension and layout • methods of fixing frames through use of expansion screws or shooting nails • Process to ensure horizontal bracing for all stud partitions • Importance of provision of flashing for drainage • different type of framing materials like timber, steel, aluminum, PVCU and composite frames • aluminum frames and its application in stick system curtain walls, glazing screens and shop fronts • Various precautions taken while handling gaskets <p>Demonstration/Practical(D/P):-</p> <ul style="list-style-type: none"> • Demonstrate cleaning of walls, floors and other relevant areas prior to placing of brackets / frames • Describe the method statement / manufacturer's instructions for installation of horizontal and vertical frames / brackets • Perform checks to confirm that steel frames are galvanized and powder coated • Fix steel sections using robust hardware as per specification • Demonstrate and confirm that uniform spacing is provided between frames as per board dimension and layout 	<ol style="list-style-type: none"> 6. pencil 7. Line dori 8. Plumb bob 9. Spirit level 10. Pliers 11. Punch pliers 12. Hammers 13. Taping knife 14. Sanding tool 15. Hand circular saw 16. Hack saw 17. Jig saw 18. Rake angle 19. Screw driver set 20. Screw gun 21. Hammer Drill machine 22. Rivet gun 23. Metal cutter 24. Silicon gun/caulk gun 25. Stapler 26. Clutch angle 27. Utility knife

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> • Demonstrate the fixing the ceiling, floor or facade frame by expansion screws, shooting nails. • Demonstrate checks to ensure stability of structure by providing joints for the frame. • Describe the provision of control joints as per specifications. • Describe the provision horizontal bracing for stud partitions • Demonstrate installation of weather proofing • Demonstrate installation of coping and parapets • Demonstrate installation of flashing under coping, at penetrations, window and door opening, at the base of walls as per requirement. • Demonstrate installation of frame of different types such as timer, stainless steel, aluminium, PVCu and composites . 	
5	<p>Work effectively in a team to deliver results at a construction site</p> <p>Theory Duration (hh:mm) 09:00</p> <p>Practical Duration (hh:mm) 39:00</p> <p>Corresponding NOS Code CON/N8001</p>	<p>Theory: -</p> <ul style="list-style-type: none"> • Method of oral and written communication skills with co-workers, trade seniors while handling and carrying out visual checks on materials, tools and equipment. • Reading and interpretation of work sketches • How to interpret scope of painting, material/ tools handling by an adhering to instructions or consulting with seniors • Method of providing instruction to subordinates or reporting to seniors clearly and promptly • Seek necessary support and complete assigned tasks within stipulated time duration • Keep good relation and maintain well behaviour with co-workers <p>Demonstration/ Practical (D/P): - The skills will be developed and practiced while carrying out following trade related activities in a predictable and familiar working condition</p> <ul style="list-style-type: none"> • Selection of materials, tools or devices for defined purpose 	

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> • Removal or abrasion of old surface. • Mixing of paints in required proportion. • Surface preparation for different tasks. • Application of coats efficiently. 	
6	<p>Work according to personal health, safety and environment protocol at construction site</p> <p>Theory Duration (hh:mm) 09:00</p> <p>Practical Duration (hh:mm) 39:00</p> <p>Corresponding NOS Code CON/N9001</p>	<p>Theory: -</p> <ul style="list-style-type: none"> • Types of hazards involved in construction sites • Types of hazards involved in painting works. • Emergency safety control measures and actions to be taken under emergency situation • Concept of: - <ol style="list-style-type: none"> 1. First Aid process 2. Use of fire extinguisher 3. Classification of fires and fire extinguisher 4. Safety drills 5. Types and use of PPEs as per safety norms • Reporting procedure to the concerned authority in emergency situations • Standard procedure of handling, storing and stacking material. • What is safe disposal of waste, type of waste and their disposal • Importance of handling tools, equipment and materials as per applicable. • Safety relevant to tools, tackles, & requirement as per applicability. • basic ergonomic principles as per applicability <p>Demonstration/ Practical (D/P): - The skills will be developed and practiced while carrying out following trade related activities in a predictable and familiar working condition.</p> <ul style="list-style-type: none"> • Selection of PPEs and use them appropriately as per working need of painting operations, handling, storing, stacking and shifting of, painting tools and equipments • Selection of PPEs and use them appropriately as per painting works need. 	<ol style="list-style-type: none"> 1. Safety Helmets 2. Face shield 3. Overalls 4. Knee pads 5. Safety shoes 6. Safety belts 7. Safety harness 8. Safety Gloves 9. Safety goggles 10. Particle masks 11. Ear Plugs 12. Reflective jackets 13. Fire Extinguisher 14. Fire prevention kit 15. First Aid box 16. Safety tags 17. Safety Notice board

Sr. No.	Module	Key Learning Outcomes	Equipment Required
		<ul style="list-style-type: none"> • Analysis of hazards involved in painting works and taking necessary steps or informing to seniors. • Identification of locations, situations/ circumstances, malpractices which can be hazardous for general or painting works • 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 	
	<p>Total Duration</p> <p>Theory Duration 70:00</p> <p>Practical Duration 280:00</p>	<p>Unique Equipment Required: Classroom having seating requirement for 30 people, Toilet/Urinals (Separate for gents and Ladies), Projector, Blackboard, Work shop for practical assessment, Measuring tape, Scale, Right angle, Framing square, Chalk line, pencil, Line dori, Plumb bob, Spirit level, Pliers, Punch pliers, Hammers, Taping knife, Sanding tool, Hand circular saw, Hack saw, Jig saw, Rake angle, Screw driver set, Screw gun, Hammer Drill machine, Rivet gun, Metal cutter, Silicon gun/caulk gun, Stapler, Clutch angle, Utility knife, Safety Helmets, Face shield, Overalls, Knee pads, Safety shoes, Safety belts, Safety harness, Safety Gloves, Safety goggles, Particle masks, Ear Plugs, Reflective jackets, Fire Extinguisher, Fire prevention kit, First Aid box, Safety tags, Safety Notice board</p>	

Grand Total Course Duration: **350 Hours, 0 Minutes**

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

Trainer Prerequisites for Job role: “Assistant Facade Installer” mapped to Qualification Pack: “CON/Q1104

Sr. No.	Area	Details
1	Description	To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “CON/Q1104”.
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/Q0102” or “MEP/Q0104”& 80% overall, Lead trainer/ Lead Assessors- 50% in each NOS of Qualification Pack “MEP/Q0101” or “MEP/Q0103”and overall 90%
5	Experience	<ul style="list-style-type: none"> 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/12th pass minimum eight years of field experience and preferably two years of teaching Experience.



CRITERIA FOR ASSESSMENT OF TRAINEES

<u>Job Role</u>	Assistant Façade Installer
<u>Qualification Pack</u>	CON/Q1104
<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 50%. To pass the Qualification Pack, every trainee should score a minimum of 50% 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	Marks Allocation			
		Total Mark	Out Of	Theory	Skills Practical
CON/N1108: Identify & handle hand and power tools relevant to façade installation	PC1. identify type of hand and power tools and their application	100	10	2	8
	PC2. identify the source and access to power supply for using power tools		10	2	8
	PC3. check the tools and equipments for serviceability and safety and any report any faults to superiors in accordance with organizational procedures		10	2	8
	PC4. identify material for hand tool application		10	2	8
	PC5. select equipment to hold material in position and place while using a hand or power tool		10	2	8
	PC6. handle hand and power tools safely and effectively as per manufacturer's guidelines		10	2	8
	PC7. prevent damage to material and self while using hand and power tools		5	1	4
	PC8. safely store and place hand tools when not in use		10	2	8
	PC9. select appropriate power tools relevant to façade installation works		10	2	8
	PC10. visually check power tools for safety and serviceability		5	1	4
	PC11. switch off and place power tools safely after use		5	1	4
	PC12. clean and maintain all tools and equipments after use		5	1	4
	Total	100	20	80	
CON/N1109: Assist in fixing and installing the façade panels into the frames	PC1. identify required work materials, tools and equipments as per specifications	100	3	0.6	2.4
	PC2. identify the process used for façade installation as per instructions from superiors		4	0.8	3.2
	PC3. check the tools and equipments for serviceability and safety and any report any faults to superiors in accordance with organizational procedures		3	0.6	2.4
	PC4. carry out visual checks to assess the glass panels for type ,size and imperfections		3	0.6	2.4
	PC5. arrange suitable lifting equipment in place at point of installation		3	0.6	2.4
	PC6. carry out proper lifting of panels using suitable lifting devices to the required places		4	0.8	3.2

PC7. set all framing members in place	3	0.6	2.4
PC8. remove any protection tapes from the edges of the panels	3	0.6	2.4
PC9. keep the panels level, plumb and square within allowable tolerances	4	0.8	3.2
PC10. identify tools and equipments as per specifications such as saws, drilling machine, shearing machines rivet guns etc.	3	0.6	2.4
PC11. carry out proper marking of panels using suitable tools as per specifications	3	0.6	2.4
PC12. carry out cutting of panels as per desired/instructed size and as per the type of panels using appropriate tools and equipments	3	0.6	2.4
PC13. carry out proper precautions and safety measures while handling and cuttings façade panels	3	0.6	2.4
PC14. ensure contamination of curtain panels don't occur while cutting, grinding and drilling	3	0.6	2.4
PC15. measure and check the dimensions and accuracy of finish after cutting and drilling	4	0.8	3.2
PC16. carry out protection of adjoining elements and finishes during work	3	0.6	2.4
PC17. identify all the elements relevant to façade works for different curtain wall systems	3	0.6	2.4
PC18. keep the panels flat & straight with appropriate no. of screws per sheet	4	0.8	3.2
PC19. keep all external and internal corners vertical and square, and fasten with screws tightly	4	0.8	3.2
PC20. install mullions, sill and base flashings as required in the specification	4	0.8	3.2
PC21. stack joints as per requirement for use as interlocked split	4	0.8	3.2
PC22. install all penetrations through cladding as required in the specification	4	0.8	3.2
PC23. install the first panel in a critical transition area like a corner	4	0.8	3.2
PC24. carry out proper mounting of the first panel for alignment with adjacent panels	3	0.6	2.4
PC25. provide proper spacing between panels	3	0.6	2.4
PC26. ensure that the panel clips are in line with the building's stud framing or furring while installation	3	0.6	2.4
PC27. fasten the panel clip firmly to the wall	4	0.8	3.2
PC28. use fasteners of correct size and spacing as per requirements	4	0.8	3.2
PC29. carry out fixing of different type of facade systems such as drained and ventilated facades	4	0.8	3.2

	curtain wall, pressure equalized facades etc as per instructions				
		Total	100	20	80
CON/N1110: Fix the interface structures including brackets, frames for installing facades with different type of framing materials	PC1. clean walls, floors and other possible relevant areas prior to placing of brackets / frames	100	7	1.4	5.6
	PC2. follow method statement / manufacturer's instructions for installation of horizontal and vertical frames / brackets		7	1.4	5.6
	PC3. check that steel frames are galvanized and powder coated		7	1.4	5.6
	PC4. secure steel sections using robust hardware as per specification		8	1.6	6.4
	PC5. provide uniform spacing between frames as per board dimension and layout		8	1.6	6.4
	PC6. fix the ceiling, floor or facade frame by expansion screws, shooting nails etc. as per applicability		8	1.6	6.4
	PC7. execute the necessary joints for the frame, to ensure stability of structure		8	1.6	6.4
	PC8. provide control joints as per specifications/instructions		8	1.4	5.6
	PC9. ensure horizontal bracing for all stud partitions are as per approved and standard procedures		7	1.4	5.6
	PC10. provide weather proofing as per requirement and instructions		8	1.6	6.4
	PC11. provide coping and parapets as per design requirement/ instruction		8	1.6	6.4
	PC12. provide flashing under coping, at penetrations, window and door opening, at the base of walls as per instructions		8	1.6	6.4
	PC13. fix frame of different types such as timer, stainless steel, aluminum, PVCU and composites as per instructions		8	1.6	6.4
		Total	100	20	80
CON/N8001: Work effectively in a team to deliver desired results at the workplace	PC1. pass on work related information/ requirement clearly to the team members	100	10	2	8
	PC2. inform co-workers and superiors about any kind of deviations from work		5	1	4
	PC3. address the problems effectively and report if required to immediate supervisor appropriately		5	1	4
	PC4. receive instructions clearly from superiors and respond effectively on the same		5	1	4

	PC5. communicate to team members/subordinates for appropriate work technique and method		5	1	4
	PC6. seek clarification and advice as per the requirement and applicability		10	2	8
	PC7. hand over the required material, tools tackles, equipment and work fronts timely to interfacing teams		30	6	24
	PC8. work together with co-workers in a synchronized manner		30	6	24
		Total	100	20	80
CON/N9001: Work according to personal health, safety and environment protocol at construction site	PC1. identify and report any hazards, risks or breaches in site safety to the appropriate authority	100	5	1	4
	PC2. follow emergency and evacuation procedures in case of accidents, fires, natural calamities		5	1	4
	PC3. follow recommended safe practices in handling construction materials, including chemical and hazardous material whenever applicable		10	2	8
	PC4. participate in safety awareness programs like Tool Box Talks, safety demonstrations, mock drills, conducted at site		5	1	4
	PC5. identify near miss , unsafe condition and unsafe act		5	1	4
	PC6. use appropriate Personal Protective Equipment (PPE) as per work requirements including: <ul style="list-style-type: none"> • Head Protection (Helmets) • Ear protection • Fall Protection • Foot Protection • Face and Eye Protection, • Hand and Body Protection • Respiratory Protection (if required) 		10	2	8
	PC7. handle all required tools, tackles , materials & equipment safely		5	1	4
	PC8. follow safe disposal of waste, harmful and hazardous materials as per EHS guidelines		5	1	4
	PC9. install and apply properly all safety equipment as instructed		15	3	12
	PC10.follow safety protocol and practices as laid down by site EHS department		15	3	12
	PC11. collect and deposit construction waste into identified containers before disposal, separate containers that may be needed for disposal of toxic or hazardous wastes		10	2	8



	PC12.apply ergonomic principles wherever required		10	2	8
		Total	100	20	80