Model Curriculum

1. Assistant False Ceiling and Drywall Installer

SECTOR: Construction
SUB-SECTOR: Real Estate and Infrastructure Construction
OCCUPATION: Interior & Exterior Finishes
REF ID: CON/Q1103, V1.0
NSQF LEVEL: 2
Certificate

CURRICULUM COMPLIANCE TO QUALIFICATION PACK – NATIONAL OCCUPATIONAL STANDARDS

is hereby issued by the
CONSTRUCTION SECTOR SKILLS COUNCIL

for the
MODEL CURRICULUM

Complying to National Occupational Standards of
Job Role/Qualification Pack: ‘Assistant False Ceiling and Drywall Installer’ OP No. ‘CON/O 3403 NSQF Level 2’

Date of issuance: January 31st, 2017
Valid up to: August 31st, 2017
*Valid up to the next review date of the Qualification Pack

(Construction Skill Development Council)
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Curriculum / Syllabus

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

<table>
<thead>
<tr>
<th>Program Name</th>
<th>Assistant False Ceiling and Drywall Installer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualification Pack Name &amp; Reference ID. ID</td>
<td>CON/Q1103, v1.0</td>
</tr>
<tr>
<td>Version No.</td>
<td>1.0</td>
</tr>
<tr>
<td>Version Update Date</td>
<td>23-08-2017</td>
</tr>
<tr>
<td>Pre-requisites to Training</td>
<td>Preferably 5th standard with 18 months site experience in same occupation for Non trained worker/ 9 months site experience as a certified Helper Interior Finishes for Trained worker</td>
</tr>
<tr>
<td>Training Outcomes</td>
<td>After completing this programme, participants will be able to:</td>
</tr>
<tr>
<td></td>
<td>• Erect &amp; Dismantle 3.6 meter of temporary scaffold: - Standard procedure for erection &amp; dismantle of 3.6-meter temporary scaffold.</td>
</tr>
<tr>
<td></td>
<td>• Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls: - Select and use hand and power tools for installation of false ceiling and dry walls.</td>
</tr>
<tr>
<td></td>
<td>• Measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation: Carry out measuring, marking and cutting of gypsum, plaster, fiber and composite boards for installation of false ceiling and dry walls.</td>
</tr>
<tr>
<td></td>
<td>• Fix the dry walls board with fasteners for installing dry wall sheets on walls: - Carry out installation of dry wall sheets on walls by fixing of dry wall boards with fasteners.</td>
</tr>
<tr>
<td></td>
<td>• 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.</td>
</tr>
<tr>
<td></td>
<td>• Work According to personal Health, Safety &amp; Environment: - Importance of health &amp; safety aspect and measures to be followed at work site.</td>
</tr>
</tbody>
</table>
This course encompasses 6 out of 6 National Occupational Standards (NOS) of “Assistant False Ceiling and Drywall Installer” Qualification Pack issued by “Construction Skill Development Council of India”.

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Module</th>
<th>Key Learning Outcomes</th>
<th>Equipment Required</th>
</tr>
</thead>
</table>
| 1       | Introduction | General Discipline in the class room.  
Basic knowledge of Unit & measurement & arithmetic calculation.  
Basic terms used and types of Painting works.  
Role of Assistant painters in construction industry & their career progression | 1. Classroom having seating requirement for 30 people.  
2. Projector  
3. Toilet/Urinals (Separate for gents and Ladies)  
4. Blackboard |
|         | Theory Duration | *(hh:mm)*  
08:00 | |
|         | Practical Duration | *(hh:mm)*  
00:00 | |
| 2       | Erect and dismantle temporary scaffold of 3.6 meter height | **Theory:**  
What is scaffolding and its purpose of its erection  
Common materials and tools used for erection of scaffolding (pipe, cup lock (vertical and ledgers), H-frames, Bamboo & Bali  
Characteristics of ideal base of scaffolding and its preparation  
Visual checks to be carried out on the scaffolding components to ascertain their usability  
Different components of a temporary scaffolding such as base, toe board, guard rails, platform, walkways, ladder etc., their function and placing  
Spacing/ height to be provided among different components of a temporary scaffold  
Safety measures to be followed while tightening, fixing/ assembling different part of scaffold together  
Function of different hand tools like hammer, spanner, pulleys, hooks, ropes etc. used for erection/ dismantling of scaffolds.  
Use of different scaffolding accessories like different kind of clamps, washers, props, bracings and other supporting members  
Standard method of erecting & dismantling 3.6 m temporary scaffold.  
Material handling and shifting methods while scaffolding erection/ dismantling is under process | 1. Measuring tape  
2. Scale  
3. Right angle  
4. Dry wall T-Square  
5. Framing square  
6. Chalk line  
7. pencil  
8. Line dori  
9. Plumb bob  
10. Spirit level  
11. Pliers  
12. Punch pliers  
13. Paper cutting knife  
14. Dry wall knife 12,6 and 4 inch  
15. Dry wall Hammers  
16. Taping knife  
17. Sanding tool  
18. Dry wall saw  
19. Hack saw  
20. Hand saw  
21. Screw driver set  
22. Screw gun  
23. Drill machine  
24. Metal cutter  
25. Silicon gun/caulk gun  
26. Stapler  
27. Clutch angle  
28. Utility knife |
|         | Theory Duration | *(hh:mm)*  
10:00 | |
|         | Practical Duration | *(hh:mm)*  
44:00 | |

Corresponding NOS Code
CON/N0101
<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Module</th>
<th>Key Learning Outcomes</th>
<th>Equipment Required</th>
</tr>
</thead>
</table>
| 3      | Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls Theory Duration (hh:mm) | - Standard practices of false ceiling and dry wall 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 false ceiling and dry wall installation including broad knives, electric screw guns, hand and power drills, hand saws, scaffold planks, t squares, taping knives, etc.  
- Use of different type of tools for false ceiling and dry wall installation  
- basic functions of various hand and power tools relevant to false ceiling and dry wall installation works | 1. Measuring tape  
2. Scale  
3. Right angle  
4. Dry wall T-Square  
5. Framing square  
6. Chalk line  
7. Pencil  
8. Line dori  
9. Plumb bob  
10. Spirit level  
11. Pliers  
12. Punch pliers  
13. Paper cutting knife  
14. Dry wall knife  
15. Dry wall Hammers  
16. Taping knife  
17. Sanding tool  
18. Dry wall saw |

Theory:-

- Standard practice procedure while working at height.  
- Checks to be done on completion of erection of scaffolds, such as verticality check, stability check  

Demonstration/ practical: -  

- Sort and shift scaffolding material from stock yard to space of erection  
- Clean the area of the scaffolding and prepare the base  
- Erect scaffolds of 3.6 mtr. height using pipes and cup locks using appropriate hand tools  
- Use clamp and other supporting members to ensure stability and verticality of the scaffolds  
- Place different components of scaffolds such as base plate, vertical/ horizontal members, toe boards, guard rails, platforms/ walkways, ladder etc. as per standard practice  
- Use PPEs as per necessity of the task  
- Dismantle the whole scaffold and stack their components as per standard practice
<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Module</th>
<th>Key Learning Outcomes</th>
<th>Equipment Required</th>
</tr>
</thead>
</table>
|        |        | • standard size and specification of tools relevant to false ceiling and dry wall installation | 19. Hack saw  
20. Hand saw  
21. Screw driver set  
22. Screw gun  
23. Drill machine  
24. Metal cutter  
25. Silicone gun/caulk gun  
26. Stapler  
27. Clutch angle  
28. Utility knife |
|        |        | • Different leveling tools and their use | |
|        |        | • Use of laser level for levelling | |
|        |        | **Demonstration/Practical (D/P)** | |
|        |        | • Demonstrate selection and use of basic hand and power tools used in false ceiling and dry wall installation works | |
|        |        | • Carry out checks for serviceability and safety of tools | |
|        |        | • Demonstrate identification, selection and use of basic levelling devices for in false ceiling and dry wall installation works | |
|        |        | **Theory:** | |
|        |        | • Standard practices of measuring and marking the boards for installing false ceiling and dry wall finishes | |
|        |        | • Sketches related to measuring and marking the boards | |
|        |        | • Different type of tools use of tools and equipment including broad knives, electric screw guns, hand and power drills, hand saws, scaffold planks, t squares, taping knives, etc. used for measuring, marking and cutting the board. | |
|        |        | • Use of different type of tools for false ceiling and dry wall installation | |
|        |        | **Demonstration/Practical (D/P)** | |
|        |        | • Carry out estimation of the material for dry wall installation | |
|        |        | • Demonstrate selection of required materials. | |
|        |        | • Demonstrate selection and use of basic hand and power tools used for marking, cutting and marking on boards | |
|        |        | • Demonstrate installation of sub-frame of wooden plank/studs or t-braces as per manufacturer’s instruction | |
|        |        | • Demonstrate proper placing of dry wall board for cutting | |
|        |        | • Carry out measurement of the board for cutting | |
|        |        | • Carry out marking of the board as per the required dimensions | |

**Measure, mark and cut the gypsum, plaster, fiber and composite boards for false ceiling and dry wall installation**

**Theory Duration (hh:mm)**
12:00

**Practical Duration (hh:mm)**
52:00

**Corresponding NOS Code**
CON/N1106
<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Module</th>
<th>Key Learning Outcomes</th>
<th>Equipment Required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>• Demonstrate use of appropriate PPE’s for reducing the dust exposure in cutting of boards.</td>
<td>28. Utility knife</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Demonstrate trimming of the edges of the cut board using appropriate filing devices.</td>
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<tr>
<td></td>
<td></td>
<td>• Demonstrate cutting of board maximizing the use and minimizing the wastage of the material.</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• Demonstrate appropriate storage of the cut sheets for optimum utilization.</td>
<td></td>
</tr>
</tbody>
</table>
| 5      | Fix the dry walls board with fasteners for installing dry wall sheets on walls | Theory:-  
• Standard practices for fixing of dry wall in place  
• Different sketches used for dry wall installation works.  
• Different tools and equipment used including broad knives, electric screw guns, hand and power drills, hand saws, t squares, taping knives, trestles, pair knife, corner trowel, drills etc.  
• Different type of dry walls and their composition  
• Procedure for carrying out measurement of wall for estimation of plasterboard requirement  
• Procedure for marking and cutting plaster boards for dry wall installation works.  
• Method statement / manufacturer’s instructions for installation of dry wall  
• Process for calculation of area for layout of boards  
• Process of installation of wooden T-braces for sub-frame.  
• Procedure for fixing of the dry wall  
• Different adhesives used for fixing of dry wall such as  
• Procedure for fixing corner bead  
• Different joint compounds and tape covers and their methods of application over joints, corners and screws. | 1. Measuring tape  
2. Scale  
3. Right angle  
4. Dry wall T-Square  
5. Framing square  
6. Chalk line  
7. Pencil  
8. Line dori  
9. Plumb bob  
10. Spirit level  
11. Pliers  
12. Punch pliers  
13. Paper cutting knife  
14. Dry wall knife 12.6 and 4 inch  
15. Dry wall Hammers  
16. Taping knife  
17. Sanding tool  
18. Dry wall saw  
19. Hack saw  
20. Hand saw  
21. Screw driver set  
22. Screw gun  
23. Drill machine  
24. Metal cutter  
25. Silicon gun/caulk gun  
26. Stapler  
27. Clutch angle  
28. Utility knife |
|        |        | Demonstrate/Practical(D/P):-  
• Demonstrate selection and use of basic hand and power tools used for cutting and marking on boards  
• Carry out measurement of the board for cutting |
<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Module</th>
<th>Key Learning Outcomes</th>
<th>Equipment Required</th>
</tr>
</thead>
</table>
| 6      | Work effectively in a team to deliver desired results at the workplace | • Carry out marking of the board as per the required dimensions  
• Demonstrate use of appropriate PPE’s for reducing the dust exposure in cutting of boards.  
• Demonstrate cutting of board using correct tools and equipment as per marking and provide opening for windows and doors as per sketch  
• Demonstrate fastening of the boards to the studs using appropriate method  
• Demonstrate fixing of the joints for seamless finish.  
• Provide cut in the dry wall for fittings and fixtures  
• Demonstrate fixing of corner beads for protection of corners.  
• Carry out final finishing of dry wall but filling depression of screws and removing broken corners and blisters. |                    |

**Theory:** -
- 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

**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.
<table>
<thead>
<tr>
<th>Sr. No.</th>
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<th>Equipment Required</th>
</tr>
</thead>
</table>
| 7       | Work according to personal health, safety and environment protocol at construction site | • Selection of materials, tools or devices for defined purpose  
• Removal or abrasion of old surface.  
• Mixing of paints in required proportion.  
• Surface preparation for different tasks.  
• Application of coats efficiently. | 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 |

**Theory:**  
- 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: -  
  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

**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.  
- Selection of PPEs and use them appropriately as per working need of painting operations, handling, storing, stacking and shifting of, painting tools and equipments
<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Module</th>
<th>Key Learning Outcomes</th>
<th>Equipment Required</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>• Selection of PPEs and use them appropriately as per painting works need.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Analysis of hazards involved in painting works and taking necessary steps, or informing to seniors.</td>
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<tr>
<td></td>
<td></td>
<td>• Identification of locations, situations/circumstances, which can be hazardous for general or painting works</td>
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<tr>
<td></td>
<td></td>
<td>• Selection of fire extinguisher based on classification, standard practice of storing &amp; stacking firefighting equipment/materials at work locations</td>
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<tr>
<td></td>
<td></td>
<td>• Disposal of waste materials as per their nature and effects on weather</td>
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</tbody>
</table>

**Total Duration**

**Theory Duration**

70:00

**Practical Duration**

280:00

**Unique Equipment Required:**
- Classroom having seating requirement for 30 people.
- Projector, Toilet/Urinals (Separate for gents and Ladies)
- Blackboard, Measuring tape, Scale, Right angle, Drywall T-Square,
- Framing square, Chalk line, pencil, Line dori, Plumb bob, Spirit level, Pliers, Punch pliers, Paper cutting knife, Drywall knife
- 12, 6 and 4 inch, Drywall Hammers, Taping knife, Sanding tool
- Drywall saw, Hack saw, Hand saw, Screw driver set, Screw gun, Drill machine, 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

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

(This syllabus/curriculum has been approved by [Construction Skill Development Council of India](https://www.skillsindia.gov.in))
### Trainer Prerequisites for Job role: “Assistant False Ceiling and Drywall Installer” mapped to Qualification Pack: “CON/Q1103, v1.0”

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Area</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Description</td>
<td>To deliver accredited training service, mapping to the curriculum detailed above, in accordance with the Qualification Pack “CON/Q1103”.</td>
</tr>
<tr>
<td>2</td>
<td>Personal Attributes</td>
<td>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</td>
</tr>
<tr>
<td>3</td>
<td>Minimum Educational Qualifications</td>
<td>ITI/12th</td>
</tr>
<tr>
<td>4a</td>
<td>Domain Certification</td>
<td>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”</td>
</tr>
<tr>
<td>4b</td>
<td>Platform Certification</td>
<td>Trainer/Assessor-50% in each NOS of Qualification Pack “MEP/Q0102” or “MEP/Q0104” &amp; 80% overall, Lead trainer/ Lead Assessors- 50% in each NOS of Qualification Pack “MEP/Q0101” or “MEP/Q0103” and overall 90%</td>
</tr>
</tbody>
</table>
| 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/12th pass minimum eight years of field experience and preferably two years of teaching Experience. |
CRITERIA FOR ASSESSMENT OF TRAINEES

**Job Role**  
Assistant False Ceiling and Dry Wall Installer

**Qualification Pack**  
CON/Q1103

**Sector Skill Council**  
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.
## Marks Allocation

<table>
<thead>
<tr>
<th>Assessment outcomes</th>
<th>Assessment Criteria for outcomes</th>
<th>Total Mark</th>
<th>Out Of</th>
<th>Theory</th>
<th>Skills Practical</th>
</tr>
</thead>
<tbody>
<tr>
<td>CON/N0101:Erect and dismantle temporary scaffold of 3.6 meter height</td>
<td>PC1. level area where scaffold need to be erected and check for ground compactness if required</td>
<td>10</td>
<td>2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC2. shift and stack required materials, components, tools and tackles at the instructed location</td>
<td>10</td>
<td>2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC3. wear and use required safety gadgets and follow trade safety</td>
<td>10</td>
<td>2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC4. place base plates and sole boards on the ground as per markings and instructions</td>
<td>10</td>
<td>2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC5. use proper components and follow standard procedure for 3.6 m temporary scaffold erection</td>
<td>10</td>
<td>2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC6. check verticality of scaffold at first level of erection and correct (if required) before moving to the next level</td>
<td>10</td>
<td>2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC7. check for rigidity, stability and support of erected scaffold</td>
<td>5</td>
<td>1</td>
<td>4</td>
<td></td>
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<tr>
<td></td>
<td>PC8. fix walk-boards, guard rails, toe-boards and other components on working platform</td>
<td>10</td>
<td>2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC9. follow standard procedure for dismantling of 3.6 m temporary scaffold</td>
<td>10</td>
<td>2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC10. remove guard rails, toe boards, walk boards and other components sequentially</td>
<td>5</td>
<td>1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC11. clean and stack all components properly after dismantling</td>
<td>5</td>
<td>1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PC12. maintain tidiness at work location</td>
<td>5</td>
<td>1</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>100</strong></td>
<td><strong>20</strong></td>
<td><strong>80</strong></td>
<td></td>
</tr>
</tbody>
</table>

| CON/N1105: Identify, handle and use hand and power tools relevant to installation of false ceiling and dry walls | PC1. identify basic tools used for false ceiling and dry wall installation works such as hand tools, measuring tools, power tools etc | 16         | 3.2    | 12.8   |
|                                                                                                               | PC2. check for serviceability/safety of tools and report faults to superiors                               | 17         | 3.4    | 13.6   |
|                                                                                                               | PC3. select and use appropriate hand and power tools relevant to the task                                    | 16         | 3.2    | 12.8   |
|                                                                                                               | PC4. set up and use basic leveling devices like spirit level, water level & straight edge                   | 17         | 3.4    | 13.6   |
|                                                                                                               | PC5. transfer levels and carry out set out using appropriate tools                                          | 17         | 3.4    | 13.6   |
|                                                                                                               | PC6. clean and maintain tools prior to and after use                                                       | 17         | 3.4    | 13.6   |
|                                                                                                               | **Total**                                                                                                 | **100**    | **3.2** | **12.8** |
### PC1. understand and follow the instructions provided by the superior for marking the boards for cutting
- PC1.1: measure the board using tape measure, straightedge or square, etc
- PC1.2: mark the boards for cutting to the required dimensions using appropriate marking devices
- PC1.3: follow method statement provided by the superior for cutting the boards
- PC1.4: cut the board using correct tools and equipments as per markings
- PC1.5: trim the ragged edges of the board using appropriate filing device such as drywall rasp, etc
- PC1.6: use proper tools such as T-square and cutting knife to cut boards
- PC1.7: cut sheets minimizing wastage and maximizing board use as per instructions
- PC1.8: store cut sheets appropriately for optimum utilizations
- PC1.9: minimize dust exposed to others using appropriate tools and techniques and personal protective equipments (PPE’s)

### PC2. measure the board using tape measure, straightedge or square, etc

### PC3. mark the boards for cutting to the required dimensions using appropriate marking devices

### PC4. follow method statement provided by the superior for cutting the boards

### PC5. cut the board using correct tools and equipments as per markings

### PC6. trim the ragged edges of the board using appropriate filing device such as drywall rasp, etc

### PC7. use proper tools such as T-square and cutting knife to cut boards

### PC8. cut sheets minimizing wastage and maximizing board use as per instructions

### PC9. store cut sheets appropriately for optimum utilizations

### PC10. minimize dust exposed to others using appropriate tools and techniques and personal protective equipments (PPE’s)

### Total: 100 20 80

### CON/N1107: Fix the dry walls board with fasteners for installing dry wall sheets on walls

### PC1. roughly estimate material required by measuring the surface for dry wall installation

### PC2. select material for dry wall as per instruction/specification

### PC3. install sub frame of wooden planks/studs or t-braces as per instructions

### PC4. provide corner studs for support at corners and edges

### PC5. follow method statement / manufacturer’s instructions or layout as per sketches for installation of dry wall and partitions using plaster/gypsum boards

### PC6. set down the dry wall board with finished side up for cutting

### PC7. measure the length needed and score the paper face with a utility knife, using a drywall square as a straightedge

### PC8. cut out opening for windows and doors appropriate tools prior to dry wall installation

### Total: 100 20 80
| PC9. | Fasten the board to studs using appropriate method as instructions | 6 | 1.2 | 4.8 |
| PC10. | Fix joints in panels appropriately as per instructions for a seamless finish | 10 | 2 | 8 |
| PC11. | Cut dry wall panels using appropriate tools to provide space for fixtures and outlets | 10 | 2 | 8 |
| PC12. | Fix corner beads using nails/screws to protect corners | 6 | 1.2 | 4.8 |
| PC13. | Check for protruding screws and rectify if any as per instructions | 5 | 1 | 4 |
| PC14. | Fill corners and screws with joint compounds and provide tape over the screws and joints | 6 | 1.2 | 4.8 |
| PC15. | Remove broken corners and loose chunks of rock, and cut out any blisters for smooth finish | 5 | 1 | 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/requ   | 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 | 10 | 2 | 8 |
PC6. Seek clarification and advice as per the requirement and applicability | 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 | 5 | 1 | 4 |
PC2. Follow emergency and evacuation procedures in case of accidents, fires, natural calamities | 10 | 2 | 8 |
PC3. Follow recommended safe practices in handling construction materials, including chemical and hazardous material whenever applicable | 5 | 1 | 4 |
| 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:** | 10 | 2 | 8 |
| • Head Protection (Helmets) | | | |
| • Ear protection | | | |
| • Fall Protection | | | |
| • Foot Protection | | | |
| • Face and Eye Protection | | | |
| • Hand and Body Protection | | | |
| **Respiratory Protection (if required)** | | | |
| **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 |