

**Integrated
Assessment Evidence Guide
For
Building Painting & Decorating
(Architect Supervisor)
Level - 4
(Summative Assessment)**



**National Vocational & Technical
Training Commission**

Instructions for Candidates			
Title of Qualification: National Vocational Qualification Level-4 in Building Painting & Decorating (Architect Supervisor)	CS Code:	Level: 4	Version: 1
Competency Standard Title: Summative Assessment Level-4	Assessment Date (DD/MM/YY): Time: 04:30 Hours		

Candidate Details	Name: Registration/Roll Number:
Guidance for Candidate	To meet this qualification level, candidates are required to perform the following tasks during practical assessment, under observation by an assessor. 1. Produce documents for Admin approval and Technical Sanction. 2. Develop Construction supervision project plan. 3. On-site supervision of construction projects And complete: 1. Knowledge assessment test (Written or Oral)
Minimum Evidence Required Time 04:30 Hrs	During a practical assessment, under observation by an assessor, you will complete: Task 1: Produce documents for Admin approval and Technical Sanction. Task 2: Develop Construction supervision project plan. Task 3: On-site supervision of construction projects Task1: Produce documents for Admin approval and Technical Sanction. • Prepare rough cost estimate. • Get Administrative approval of project. • Prepare detailed estimate. • Get technical sanction from the authority. • Draft construction and system feasibility- resources for project. • Prepare feasibility report of project. Task 2: Develop Construction project plan • Specify the individual activities. • Determine the sequence of activities. • Estimate the completion time for each activity. • Identify the critical path (longest path) Task 3: Conduct on-site supervision of construction projects: • Determine quality requirements • Implement quality assurance processes • Implement project quality improvements

Continued on following page

Assessors Judgment Guide (to be completed by the Assessor and signed both by the assessor and the candidate after the assessment)	
Candidate Details	Name: Registration/Roll Number: Candidate Signature:.....
Assessment Outcome	COMPETENT ☐ NOT YET COMPETENT ☐ Name of the Assessor: Assessor's code: Signature of the Assessor:.....

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment	✓	✓					
Other Requirement							

Each Assessment Task (with performance criteria)				
Assessment Task 1		Description of assessment task 1 Produce documents for Admin approval and Technical Sanction.		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Prepare rough cost estimate.			
2	Performance Criteria 2: Get Administrative approval of project.			
3	Performance Criteria 3: Prepare detailed estimate.			
4	Performance Criteria 4: Get technical sanction from the authority.			
5	Performance Criteria 5: Draft construction and system feasibility- resources for project.			
6	Performance Criteria 6: Prepare feasibility report of project.			
Competent ☐		Not Yet Competent ☐		

Each Assessment Task (with performance criteria)				
Assessment Task 2		Description of assessment task 2 Develop Construction project plan		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Specify the individual activities.			
2	Performance Criteria 2: Determine the sequence of activities.			
3	Performance Criteria 3: Estimate the completion time for each activity.			
4	Performance Criteria 4: Identify the critical path (longest path)			
Competent ☐		Not Yet Competent ☐		

Each Assessment Task (with performance criteria)				
Assessment Task 3		Description of assessment task 3 On-site supervision of construction projects		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1	Performance Criteria 1: Determine quality requirements			
2	Performance Criteria 1: Implement quality assurance processes			
3	Performance Criteria 1: Implement project quality improvements			
Competent ☐		Not Yet Competent ☐		

Self-Assessment check List

Candidate Name	
Registration No.	
Qualification	National Vocational Qualification Level-4 in Building Painting & Decorating (Architect Supervisor)
Purpose of Assessment	Summative Assessment – Level-4 Building Painting & Decorating
Assessment Task	Task 1: Produce documents for Admin approval and Technical Sanction. Task 2: Develop Construction supervision project plan. Task 3: On-site supervision of construction projects

I can.....

Performance Criteria	Yes	No
1. Prepare rough cost estimate.	☐	☐
2. Get Administrative approval of project.	☐	☐
3. Prepare detailed estimate.	☐	☐
4. Get technical sanction from the authority.	☐	☐
5. Draft construction and system feasibility- resources for project.	☐	☐
6. Prepare feasibility report of project.	☐	☐
7. Collect data from estimate of construction project.	☐	☐
8. Identify pre-construction tasks.	☐	☐
9. Identify the activities of construction project with their completion time	☐	☐
10. Find out predecessor and successor of each activity.	☐	☐
11. Examine the resources for each activity.	☐	☐
12. Estimate the workability of workforce	☐	☐
13. Examine the productivity of machinery.	☐	☐
14. Write early start time and early finish time for each activity.	☐	☐
15. Write late finish time and late start time for each activity.	☐	☐
16. Level the resources of project.	☐	☐
17. Apply constraints due to resources, time, environment, and season.	☐	☐
18. Decide the critical path of construction project	☐	☐
19. Calculate the duration of project for completion.	☐	☐

20. Enhance workforce force, machinery and daily working hours for activities.	☐	☐
21. Assess the impact of each on cost.	☐	☐
22. Determine quality objectives/standards.	☐	☐
23. Select and use established quality management methods to determine quality, capability, cost and time	☐	☐
24. Identify quality criteria	☐	☐
25. Include agreed quality requirements in the project plan and implement as basis for performance measurement	☐	☐
26. Measure and document results of project activities	☐	☐
27. Identify causes of unsatisfactory results.	☐	☐
28. Conduct inspections of quality processes and quality control	☐	☐
29. Maintain a quality management system to enable effective recording and communication of quality issues	☐	☐
30. Review processes and implement agreed changes continually throughout the project life cycle to ensure continuous quality improvement	☐	☐
31. Review project outcomes against performance criteria to determine the effectiveness of quality management processes and procedures	☐	☐
32. Identify and document recommended improvements, and pass on to higher project authority for application in future projects	☐	☐

Candidate's Signature _____ Assessor's Signature _____

Date: _____

Observation Checklist

Assessment Task		Task 1: Produce documents for Admin approval and Technical Sanction. Task 2: Develop Construction supervision project plan. Task 3: On-site supervision of construction projects		
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Prepare rough cost estimate.			
2.	Get Administrative approval of project.			
3.	Prepare detailed estimate.			
4.	Get technical sanction from the authority.			
5.	Draft construction and system feasibility- resources for project.			
6.	Prepare feasibility report of project.			
7.	Collect data from estimate of construction project.			
8.	Identify pre-construction tasks.			
9.	Identify the activities of construction project with their completion time			
10.	Find out predecessor and successor of each activity.			
11.	Examine the resources for each activity.			
12.	Estimate the workability of workforce			
13.	Examine the productivity of machinery.			
14.	Write early start time and early finish time for each activity.			
15.	Write late finish time and late start time for each activity.			
16.	Level the resources of project.			
17.	Apply constraints due to resources, time, environment, and season.			
18.	Decide the critical path of construction project			
19.	Calculate the duration of project for completion.			
20.	Enhance workforce force, machinery and daily working hours for activities.			
21.	Assess the impact of each on cost.			
22.	Determine quality objectives/standards.			

23.	Select and use established quality management methods to determine quality, capability, cost and time			
24.	Identify quality criteria			
25.	Include agreed quality requirements in the project plan and implement as basis for performance measurement			
26.	Measure and document results of project activities			
27.	Identify causes of unsatisfactory results.			
28.	Conduct inspections of quality processes and quality control			
29.	Maintain a quality management system to enable effective recording and communication of quality issues			
30.	Review processes and implement agreed changes continually throughout the project life cycle to ensure continuous quality improvement			
31.	Review project outcomes against performance criteria to determine the effectiveness of quality management processes and procedures			
32.	Identify and document recommended improvements, and pass on to higher project authority for application in future projects			
Competent ☐		Not Yet Competent ☐		

Knowledge Assessment

Qualification	National Vocational Qualification Level-4 in Building Painting & Decorating (Architect Supervisor)
Purpose of Assessment	Summative Assessment: Level – 4 Building Painting & Decorating
Candidate Details	Name: _____ Registration Number: _____ Candidate Signature: _____
Assessment Outcome	COMPETENT ☐ NOT YETCOMPETENT ☐ Name of the Assessor: _____ Assessor's code: _____ Signature of the Assessor: _____
Candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.	

Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		Satisfactory	Not Satisfactory
1.	State the documents for construction project?		
2.	What is specification?		
3.	Give the types of specification?		
4.	Why it is necessary to follow specifications?		
5.	SOP stands for?		
6.	State the resources for construction project?		
7.	What is meant by administrative approval?		

8.	What is the role of competent authority?		
9.	What is feasibility report?		
10.	State the purpose of feasibility report?		
11.	What types of manuals are used for construction trade?		
12.	State the objectives of scheduling?		
13.	How to create work break down structure for construction activities?		
14.	State the steps of making constructions schedule?		
15.	State the need for material, equipment's, labor schedule?		
16.	What is the advantages of project planning?		
17.	What is the need for supervision of works?		
18.	List the duties of site supervisor?		
19.	What is quality management?		
20.	Define quality control?		
21.	State the stages involved in construction projects?		

22.	What are the system of measurements?		
23.	How measuring units are converted?		
24.	How to measure paint work?		
25.	Differentiate between signs and symbols used in construction work?		
26.	State any three signs used at construction site?		
27.	State any three symbols used in construction drawing?		
28.	State types drawings used in building construction?		
29.	What is safety management plan?		
30.	What is the purpose of muster roll?		

Feedback to the Candidate
Candidate's Signature _____ Assessor's Signature _____

LIST OF TOOLS/EQUIPMENTS/MATERIALS

Sr. No.	Tools and equipments	Quantity for 25 candidates
1.	Sharpener	
2.	Foot ruler (1' to 4')	
3.	Tape measure	
4.	Work light	
5.	Cupboard	
6.	Rubber	
7.	Gloves	
8.	Face Mask	
9.	First aid box	
10.	Stock register	
11.	Consumable materials register	
12.	Construction Document	
13.	Indent books	
14.	Progress Charts	
15.	Forms and Records	
16.	Performance reports	
17.	SOP	
18.	Relevant Materials	
19.	Record Register	