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CABINET MAKER

Assessment Package

National Vocational
Certificate Level 1

Version 1 - January 2020



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Instruction Sheet for the Candidate



Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	Maintain Workplace Safety
Purpose of Assessment	Formative Assessment

Candidate Details	Name _____ Registration/Roll Number _____
Guidance for Candidate	To meet this standard you are required to complete the following within the given time frame (for practical demonstration & assessment): <ol style="list-style-type: none">1. Ensure Personal safety2. Ensure workplace safety.3. Ensure safety of tools and equipment4. Maintain First aid Box5. Ensure Machines Safety6. Interpret Environmental Regulation
Time: 2 hours	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	<ol style="list-style-type: none">1. Identify personal protective equipment (PPE) as per requirements2. Wear proper PPE as per nature of job3. Store PPEs at appropriate place after use4. Apply electrical hazardous safety precautions as per standard.5. Apply chemical hazardous safety precautions as per standard.6. Operate Fire extinguishers7. Locate first aid box8. Check first aid box for Emergency Medicines.9. Check Expiry date of the Medicines10. Perform mock first aid treatment/bandages against minor injury.11. Check belts of Machine for standard tension12. Check cutters of machines for safe operation13. Ensure work friendly environment.14. Follow environmental regulation

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Cabinet Maker (Level-1)
Competency Standards	Maintain Workplace Safety
Assessment Task	<ol style="list-style-type: none"> 1. Ensure Personal safety 2. Ensure workplace safety. 3. Ensure safety of tools and equipment 4. Maintain First aid Box 5. Ensure Machines Safety. 6. Interpret Environmental Regulation

I can.....

Performance Criteria	Yes	No
1. Identify personal protective equipment (PPE) as per requirements	<input type="checkbox"/>	<input type="checkbox"/>
2. Wear proper PPE as per nature of job	<input type="checkbox"/>	<input type="checkbox"/>
3. Store PPEs at appropriate place after use	<input type="checkbox"/>	<input type="checkbox"/>
4. Apply electrical hazardous safety precautions as per standard.	<input type="checkbox"/>	<input type="checkbox"/>
5. Apply chemical hazardous safety precautions as per standard.	<input type="checkbox"/>	<input type="checkbox"/>
6. Operate Fire extinguishers	<input type="checkbox"/>	<input type="checkbox"/>
7. Locate first aid box	<input type="checkbox"/>	<input type="checkbox"/>
8. Check first aid box for Emergency Medicines.	<input type="checkbox"/>	<input type="checkbox"/>
9. Check Expiry date of the Medicines	<input type="checkbox"/>	<input type="checkbox"/>
10. Perform mock first aid treatment/bandages against minor injury.	<input type="checkbox"/>	<input type="checkbox"/>
11. Check belts of Machine for standard tension	<input type="checkbox"/>	<input type="checkbox"/>
12. Check cutters of machines for safe operation	<input type="checkbox"/>	<input type="checkbox"/>
13. Ensure work friendly environment.	<input type="checkbox"/>	<input type="checkbox"/>
14. Follow environmental regulation	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature _____

Assessor's

Signature _____

Date: _____

Observation Checklist

Assessment Task	<ol style="list-style-type: none"> 1. Ensure Personal safety 2. Ensure workplace safety. 3. Ensure safety of tools and equipment 4. Maintain First aid Box 5. Ensure Machines Safety. 6. Interpret Environmental Regulation 			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Identify personal protective equipment (PPE) as per requirements			
2.	Wear proper PPE as per nature of job			
3.	Store PPEs at appropriate place after use			
4.	Apply electrical hazardous safety precautions as per standard.			
5.	Apply chemical hazardous safety precautions as per standard.			
6.	Operate Fire extinguishers			
7.	Locate first aid box			
8.	Check first aid box for Emergency Medicines.			
9.	Check Expiry date of the Medicines			
10.	Perform mock first aid treatment/bandages against minor injury.			
11.	Check belts of Machine for standard tension			
12.	Check cutters of machines for safe operation			
13.	Ensure work friendly environment.			
14.	Follow environmental regulation			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Knowledge Assessment

Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	Maintain Workplace Safety
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> 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.	Name any Three PPEs _____		
2.	What is a Fire extinguishers? _____		
3.	Name any three Physical Hazards _____		
4.	Name any two Health Hazards. _____		
5.	What is first aid box? _____		
6.	Why insulated tools are used when dealing with electricity _____ _____		
7.	_____ _____		
8.	_____ _____		

Feedback to the Candidate

Candidate's Signature _____ **Assessor's Signature** _____



Instruction Sheet for the Candidate

Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	Maintain Tools & Equipment.
Purpose of Assessment	Formative Assessment

Candidate Details	Name _____ Registration/Roll Number _____
Guidance for Candidate	To meet this standard you are required to complete the following within the given time frame (for practical demonstration & assessment): <ol style="list-style-type: none"> 1. Maintain tools Cabinet 2. Arrange tool & Equipment 3. Calibrate measuring tools 4. Prepare tools for job 5. Clean Tools & equipment 6. Manage Inventory of tools and equipment
Time: 3 Hours	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	<ol style="list-style-type: none"> 1. Identify Tools and Equipment 2. Place tools and equipment at appropriate place in cabinet. 3. Detect moisture in wood specimen with moisture meter 4. Adjust Zero error of Vernier calipers 5. Sharp hand saw blade with triangular file 6. Sharp planner blade with oil stone 7. Sharp chisel blade with oil stone 8. Sharp drill bits with disc grinder machine 9. Lubricate main screw of bench vice/Clamps.

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Cabinet Maker (Level-1)
Competency Standards	Maintain Tools & Equipment.
Assessment Task	<ol style="list-style-type: none"> 1. Ensure Personal safety 2. Ensure workplace safety. 3. Ensure safety of tools and equipment 4. Maintain First aid Box 5. Ensure Machines Safety 6. Interpret Environmental Regulation

I can.....

Performance Criteria	Yes	No
1. Identify Tools and Equipment	<input type="checkbox"/>	<input type="checkbox"/>
2. Place tools and equipment at appropriate place in cabinet.	<input type="checkbox"/>	<input type="checkbox"/>
3. Detect moisture in wood specimen with moisture meter	<input type="checkbox"/>	<input type="checkbox"/>
4. Adjust Zero error of Vernier calipers	<input type="checkbox"/>	<input type="checkbox"/>
5. Sharp hand saw blade with triangular file	<input type="checkbox"/>	<input type="checkbox"/>
6. Sharp planner blade with oil stone	<input type="checkbox"/>	<input type="checkbox"/>
7. Sharp chisel blade with oil stone	<input type="checkbox"/>	<input type="checkbox"/>
8. Sharp drill bits with disc grinder machine	<input type="checkbox"/>	<input type="checkbox"/>
9. Lubricate main screw of bench vice/Clamps.	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature _____

Assessor's

Signature _____

Date: _____

Assessors Judgment Guide

Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	Maintain Tools & Equipment.
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor _____ Assessor's code: _____ Signature: _____

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

Observation Checklist

Assessment Task	<ol style="list-style-type: none"> 1. Ensure Personal safety 2. Ensure workplace safety. 3. Ensure safety of tools and equipment 4. Maintain First aid Box 5. Ensure Machines Safety. 6. Interpret Environmental Regulation 			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Identify Tools and Equipment			
2.	Place tools and equipment at appropriate place in cabinet.			
3.	Detect moisture in wood specimen with moisture meter			
4.	Adjust Zero error of Vernier calipers			
5.	Sharp hand saw blade with triangular file			
6.	Sharp planner blade with oil stone			
7.	Sharp chisel blade with oil stone			
8.	Sharp drill bits with disc grinder machine			
9.	Lubricate main screw of bench vice/Clamps.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Knowledge Assessment

Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	Maintain Tools & Equipment.
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> 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.	Name any three measuring tools _____		
2.	What is marking tool? _____		
3.	Name any two woodworking saws _____		
4.	Name any three cutting tools _____		
5.	What is the function of Tri-square? _____		
6.	What is calibration? _____		
7.	What is the function of Auger bit? _____		
8.	What is bench vice? _____		

Feedback to the Candidate

Candidate's Signature _____

Assessor's Signature



Instruction Sheet for the Candidate



Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	Prepare Workplace / Housekeeping
Purpose of Assessment	Formative Assessment

Candidate Details	Name _____ Registration/Roll Number _____
Guidance for Candidate	To meet this standard you are required to complete the following within the given time frame (for practical demonstration & assessment): <ol style="list-style-type: none">1. Maintain Log yard2. Dump Logs3. Ensure clear passage4. Manage safe Storage of allied materials5. Maintain Inventory
Time: 2 hours	During a practical assessment, under observation by an assessor, you are required to
Minimum Evidence Required	<ol style="list-style-type: none">1. Identify partition for logs (like soft/hard woods)2. Unload logs safely.3. Measure average diameter and length of a log4. Calculate volume of a log5. Segregate logs according to:<ul style="list-style-type: none">• Type (soft/hard)• Grade• Size (Girth)• Shape6. Dump the Logs in proper partitions7. Mark the passage with yellow color strip.

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Cabinet Maker (Level-1)
Competency Standards	Prepare Workplace / Housekeeping
Assessment Task	<ol style="list-style-type: none"> 1. Maintain Log yard 2. Dump Logs 3. Ensure clear passage 4. Manage safe Storage of allied materials 5. Maintain Inventory

I can.....

Performance Criteria	Yes	No
1. Identify partition for logs (like soft/hard woods)	<input type="checkbox"/>	<input type="checkbox"/>
2. Unload logs safely.	<input type="checkbox"/>	<input type="checkbox"/>
3. Measure average diameter and length of a log	<input type="checkbox"/>	<input type="checkbox"/>
4. Calculate volume of a log	<input type="checkbox"/>	<input type="checkbox"/>
5. Segregate logs according to:	<input type="checkbox"/>	<input type="checkbox"/>
➤ Type (soft/hard)	<input type="checkbox"/>	<input type="checkbox"/>
➤ Grade	<input type="checkbox"/>	<input type="checkbox"/>
➤ Size (Girth)	<input type="checkbox"/>	<input type="checkbox"/>
➤ Shape	<input type="checkbox"/>	<input type="checkbox"/>
6. Dump the Logs in proper partitions	<input type="checkbox"/>	<input type="checkbox"/>
7. Mark the passage with yellow color strip.	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature _____

Assessor's Signature _____

Date: _____

Assessors Judgment Guide

Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	Prepare Workplace / Housekeeping
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor _____ Assessor's code: _____ Signature: _____

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

Observation Checklist

Assessment Task	1. Maintain Log yard 2. Dump Logs 3. Ensure clear passage 4. Manage safe Storage of allied materials 5. Maintain Inventory			
During the practical assessment, candidate demonstrated the following:		Yes	No	Remarks
1.	Identify partition for logs (like soft/hard woods)			
2.	Unload logs safely.			
3.	Measure average diameter and length of a log			
4.	Calculate volume of a log			
5.	Segregate logs according to:			
	Type (soft/hard)			
	Grade			
	Size (Girth)			
	Shape			
6.	Dump the Logs in proper partitions			
7.	Mark the passage with yellow color strip.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>		

Knowledge Assessment

Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	Prepare Workplace / Housekeeping
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> 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.	Name various types of wood _____		
2.	Name any three allied materials used in wood industries _____		
3.	Which PPE is used to avoid noise _____		
4.	What is the unit of Area? _____		
5.	What is the unit of volume? _____		
6.	What is Inventory? _____		
7.	_____ _____		
8.	_____ _____		

Feedback to the Candidate

Candidate's Signature _____ Assessor's Signature



Instruction Sheet for the Candidate



Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	<ol style="list-style-type: none"> 1. Maintain Workplace Safety 2. Maintain Tools & Equipment. 3. Prepare Workplace / Housekeeping
Purpose of Assessment	Summative Assessment

Candidate Details	Name _____ Registration/Roll Number _____
Guidance for Candidate	<p>To meet this standard you are required to complete the following within Two hours' time frame (for practical demonstration & assessment):</p> <p>Sharp the following Tools</p> <ol style="list-style-type: none"> A. Sharp Hand saw blade B. Sharp Planner blade/Chisel C. Sharp Drill bit
Time: 2 Hours	<p>During a practical assessment, under observation by an assessor, you are required to</p>
Minimum Evidence Required	<p style="text-align: center;">Maintain Safety</p> <ul style="list-style-type: none"> ➤ Ensure personal safety ➤ Ensure workplace safety ➤ Ensure tools safety <p>A. Hand saw blade. Time: 1 Hour.</p> <ul style="list-style-type: none"> ➤ Straight the Saw teeth with hammer. ➤ Perform Topping of the saw teeth with flat file. ➤ Clamp the saw between two wooden flanks in bench vice. ➤ Perform uniform sharpening of saw teeth with triangular file. ➤ Set Saw teeth with saw set teeth plier. <p>B. Planner blade/Chisel. Time: 40 Minutes.</p> <ul style="list-style-type: none"> ➤ Check the cutting edge of Planner blade/chisel for right angle ➤ Grind the cutting edge of Planner blade/chisel for right angle with Disk Grinder machine ➤ Adjust tool rest of the grinder machine at 25 degree ➤ Perform rough grinding of the planner blade/chisel at 25 degree ➤ Sharp the planner blade /chisel with rough side of the oil stone ➤ Sharp the planner blade /chisel with fine side of the oil stone <p>C. Drill bits. Time: 20 Minutes</p> <ul style="list-style-type: none"> ➤ Check each side of the cutting edges of Drill bit for 59 degree ➤ Adjust tool rest of the grinder machine at 59 degree ➤ Perform sharpening of the Drill bit at 59 degree

Self-Assessment Checklist

Candidate Name	
Registration No.	
Qualification	Cabinet Maker (Level-1)
Competency Standards	1. Maintain Workplace Safety 2. Maintain Tools & Equipment. 3. Prepare Workplace / Housekeeping
Assessment Task	Sharp the following Tools A. Sharp Hand saw blade B. Sharp Planner blade/Chisel C. Sharp Drill bit

I can.....

Performance Criteria	Yes	No
Maintain Safety		
➤ Ensure personal safety	<input type="checkbox"/>	<input type="checkbox"/>
➤ Ensure workplace safety	<input type="checkbox"/>	<input type="checkbox"/>
➤ Ensure tools safety	<input type="checkbox"/>	<input type="checkbox"/>
A. Hand saw blade.	Time: 1 Hour.	
➤ Straight the Saw teeth with hammer.	<input type="checkbox"/>	<input type="checkbox"/>
➤ Perform Topping of the saw teeth with flat file.	<input type="checkbox"/>	<input type="checkbox"/>
➤ Clamp the saw between two wooden flanks in bench vice.	<input type="checkbox"/>	<input type="checkbox"/>
➤ Perform uniform sharpening of saw teeth with triangular file.	<input type="checkbox"/>	<input type="checkbox"/>
➤ Set Saw teeth with saw set teeth plier.	<input type="checkbox"/>	<input type="checkbox"/>
B. Planner blade/Chisel.	Time: 40 Minutes.	
➤ Check the cutting edge of Planner blade/chisel for right angle	<input type="checkbox"/>	<input type="checkbox"/>
➤ Grind the cutting edge of Planner blade/chisel for right angle with Disk Grinder machine	<input type="checkbox"/>	<input type="checkbox"/>
➤ Adjust tool rest of the grinder machine at 25 degree	<input type="checkbox"/>	<input type="checkbox"/>
➤ Perform rough grinding of the planner blade/chisel at 25 degree	<input type="checkbox"/>	<input type="checkbox"/>
➤ Sharp the planner blade /chisel with rough side of the oil stone	<input type="checkbox"/>	<input type="checkbox"/>
➤ Sharp the planner blade /chisel with fine side of the oil stone	<input type="checkbox"/>	<input type="checkbox"/>
C. Drill bits.	Time: 20 Minutes	
➤ Check each side of the cutting edges of Drill bit for 59 degree	<input type="checkbox"/>	<input type="checkbox"/>
➤ Adjust tool rest of the grinder machine at 59 degree	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature _____

Assessor's Signature _____

Date: _____

Assessors Judgment Guide

Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	<ol style="list-style-type: none"> 1. Maintain Workplace Safety 2. Maintain Tools & Equipment. 3. Prepare Workplace / Housekeeping
Candidate Details	Name: _____ Registration/Roll Number: _____ Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> Name of the Assessor _____ Assessor's code: _____ Signature: _____

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

Observation Checklist

Assessment Task	Sharp the following Tools A. Sharp Hand saw blade B. Sharp Planner blade/Chisel C. Sharp Drill bit		
During the practical assessment, candidate demonstrated the following:	Yes	No	Remarks
Maintain Safety			
1.	Ensure personal safety		
2.	Ensure workplace safety		
3.	Ensure tools safety		
Sharp Hand saw blade. Time: 1 Hour.			
4.	Straight the Saw teeth with hammer.		
5.	Perform Topping of the saw teeth with flat file.		
6.	Clamp the saw between two wooden flanks in bench vice.		
7.	Perform uniform sharpening of saw teeth with triangular file.		
8.	Set Saw teeth with saw set teeth plier.		
Sharp Planner blade/Chisel. Time: 40 Minutes.			
9.	Check the cutting edge of Planner blade/chisel for right angle		
10.	Grind the cutting edge of Planner blade/chisel for right angle with Disk Grinder machine		
11.	Adjust tool rest of the grinder machine at 25 degree		
12.	Perform rough grinding of the planner blade/chisel at 25 degree		
13.	Sharp the planner blade /chisel with rough side of the oil stone		
14.	Sharp the planner blade /chisel with fine side of the oil stone		
Sharp Drill bit. Time: 20 Minutes.			
15.	Check each side of the cutting edges of Drill bit for 59 degree		
16.	Adjust tool rest of the grinder machine at 59 degree		
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>	

Knowledge Assessment

Qualification	Cabinet Maker (Level-1)
Competency Standard(s)	<ol style="list-style-type: none"> 1. Maintain Workplace Safety 2. Maintain Tools & Equipment. 3. Prepare Workplace / Housekeeping
Candidate Details	Name: _____ Registration/Roll Number: _____ Candidate Signature: _____
Assessment Outcome	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/> 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.	Name any three Physical hazards _____		
2.	Name any five Personal Protective Equipment (PPEs) _____		
3.	State various sizes of Drill bits _____		
4.	What is the cutting angle of a chisel? _____		
5.	What is the cutting angle of a Planner blade? _____		
6.	What is the formula for calculating the volume of a log? _____		
7.	What is Inventory of logs? _____		
8.	What is the unit of volume in SI system? _____		
9.	What is the unit of Area in SI system? _____		


10	What is calibration?		

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

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