









## **Model Curriculum**

**QP Name: Carpenter (WorldSkills)** 

QP Code: FFS/Q2206

QP Version: 1.0

**NSQF Level: 4.5** 

**Model Curriculum Version: 1.0** 

Furniture and Fittings Skill Council || Furniture and Fittings Skill Council (FFSC), 407-408, DLF City Court, MG Road, Sikanderpur, Gurgaon - 122002









## **Table of Contents**

Training Parameters	3
Program Overview	4
Training Outcomes	4
Compulsory Modules	4
Module Details	7
Module 1: Introduction to the Interiors, Furniture, and Allied Industry	7
Module 2: Introduction to the role of a Carpenter	8
Module 3: Introduction to World Skills Competition	9
Module 4: Docket Interpretation and Material Identification	10
Module 5: Drawing Preparation and Detailing	11
Module 6: Precision Calculation and Setting Out	12
Module 7: Material Integration and Joint fabrication	13
Module 8: Structure Construction and Assembly	14
Module 9: Finishing and Quality Check	15
Module 10: Safety at Workplace and Tool Usage	16
Module 11: Project Completion	17
Module 12: Stakeholder Communication	18
Module 13: Professional Growth and Problem-Solving	19
Annexure	20
Trainer Requirements	20
Assessor Requirements	21
Assessment Strategy	22
References	24
Glossary	24
Acronyms and Abbreviations	25









# **Training Parameters**

Sector	Interiors, Furniture and Fixtures
Sub-Sector	Furniture Business Development, Installation & After Sales
Occupation	Furniture Installation & After Sales
Country	India
NSQF Level	4.5
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7115.0300
Minimum Educational Qualification and Experience	As per WorldSkills and IndiaSkills criteria
Minimum Level of Education for Training in School	NA
Prerequisite License or Training	NA
Minimum Job Entry Age	14 Years
Last Reviewed on	
Next Review Date	
NSQC Approval Date	
Q.P. Version	1.0
Model Curriculum Creation Date	
Model Curriculum Valid Up to Date	
Model Curriculum Version	1.0
Minimum Duration of the Course	510 Hrs.
Maximum Duration of the Course	510 Hrs.









## **Program Overview**

This section summarizes the end objectives of the program along with its duration.

### **Training Outcomes**

At the end of the program, the learner should have acquired the listed knowledge and skills:

- Highlight the key components and trace the historical evolution of the Interiors, Furniture, and Allied Industry
- Define the role, enumerate responsibilities, and proficiently use essential tools
- Demonstrate comprehension of world skills competition structure, objectives, and showcase acquired skills
- Accurately interpret dockets and adeptly select materials based on project requirements
- Generate detailed carpentry drawings and effectively translate design plans into actionable tasks
- Execute precise measurements, calculations, and skillfully set out accurate layouts
- Integrate materials seamlessly and demonstrate mastery in joint fabrication techniques ensuring structural integrity
- Construct and assemble carpentry structures adhering to industry standards with precision
- Apply finishing techniques meticulously and conduct thorough quality checks
- Prioritize safety protocols consistently and demonstrate precise tool usage and maintenance
- Successfully complete carpentry projects within specified timelines meeting quality standards
- Effectively communicate with stakeholders, addressing client concerns and providing timely progress updates
- Identify growth opportunities within the carpentry industry and apply effective problem-solving skills

### **Compulsory Modules**

The table lists the modules and their duration corresponding to the Compulsory NOS of the QP.

NOS and Module Details	Theory Duration	Practical Duration	On-the-Job Training Duration (Mandatory)	On-the-Job Training Duration (Recommended)	Total Duration
Bridge Module(s)	30:00	00:00	00:00	00:00	30:00
Module 1: Introduction to the Interiors, Furniture, and Allied Industry	10:00	00:00	00:00	00:00	10:00
Module 2: Introduction to the role of a Carpenter	08:00	00:00	00:00	00:00	08:00
Module 3: Introduction to WorldSkills Competition	12:00	00:00	00:00	00:00	12:00









FFS/N2228 – Interpret the work docket and demonstrate proficiency in working with drawings NOS Version No. 1 NSQF Level- 4.5	28:00	92:00	00:00	00:00	120:00
Module 4: Docket Interpretation and Material Identification	14:00	38:00	00:00	00:00	52:00
Module 5: Drawing Preparation and Detailing	14:00	54:00	00:00	00:00	68:00
FFS/N2229 – Perform material selection and setting out work for accurate carpentry joint fabrication NOS Version No. 1 NSQF Level- 4.5	28:00	92:00	00:00	00:00	120:00
Module 6: Precision Calculation and Setting Out	14:00	38:00	00:00	00:00	52:00
Module 7: Material Integration and Joint fabrication	14:00	54:00	00:00	00:00	68:00
FFS/N2230 – Erect the structure and perform finishing based on drawing specifications NOS Version No. 1 NSQF Level- 4.5	32:00	118:00	00:00	00:00	150:00
Module 8: Structure Construction and Assembly	16:00	72:00	00:00	00:00	88:00
Module 9: Finishing and Quality Check	16:00	46:00	00:00	00:00	62:00
FFS/N8208 – Execute carpentry work with safety, effective communication, and professional development NOS Version No. 1 NSQF Level- 4.5	24:00	66:00	00:00	00:00	90:00
Module 10: Safety at Workplace and Tool Usage	06:00	20:00	00:00	00:00	26:00
Module 11: Project Completion	06:00	16:00	00:00	00:00	22:00









Module 12: Stakeholder Communication	06:00	18:00	00:00	00:00	24:00
Module 13: Professional Growth and Problem- Solving	06:00	12:00	00:00	00:00	18:00
<b>Total Duration</b>	142:00	368:00	00:00	00:00	510:00









## **Module Details**

# Module 1: Introduction to the Interiors, Furniture, and Allied Industry *Bridge Module*

### **Terminal Outcomes:**

- Explain the functioning of the furniture industry.
- Describe the segments of the furniture industry.
- Explain the scope and significance of the furniture industry.

Duration: 10:00	Duration: 00:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Describe the scope and significance of the furniture industry.</li> <li>Discuss the various segments of the furniture industry and how they function.</li> <li>Explain various types and categories of furniture.</li> <li>Describe the types of allied or enabling industries involved in furniture manufacturing.</li> <li>Describe the relationship between interiors and the furniture industry.</li> <li>Classify different types of Interior projects.</li> <li>Describe the occupational map of the furniture industry.</li> <li>Explain the significance of the Interiors, Furniture, and Allied industries.</li> </ul>	
Classroom Aids	
White Board, Board Marker, Duster, Projector, Ta	ablet, Chairs, Tables, Smart Board (Optional).
Tools, Equipment, and Other Requirements	
N.A.	









## **Module 2: Introduction to the role of a Carpenter Bridge Module**

### **Terminal Outcomes:**

- Explain the role and responsibilities of a Carpenter.
- Discuss the scope of work for a Carpenter.

Duration: 08:00	Duration: 00:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Elaborate on the various organizational structure, processes, code of conduct, reporting matrix, and escalation hierarchy.</li> <li>Explain the role, responsibilities, and limitations of a Carpenter.</li> <li>Describe the attributes and basic skill sets required for a Carpenter.</li> <li>Explain the process of communication with team members and supervisors as per the protocol of the organization.</li> <li>List all the documents required to carry out the job, such as a job sheet and checklist for oneself.</li> <li>List the various operations/activities that take place at the worksite and Carpenter's role in the same.</li> <li>Discuss the regulatory authorities, laws, and regulations related to an individual while working in the Furniture and Fittings Industry.</li> <li>Discuss the career path for the Carpenter job role.</li> <li>Explain the nature of work, timeliness, and requirement.</li> </ul>	
Classroom Aids	
White Board, Board Marker, Duster, Projector, Ta	blet, Chairs, Tables, Smart Board (Optional).
Tools, Equipment, and Other Requirements	

N.A.









## Module 3: Introduction to WorldSkills Competition **Bridge Module**

### **Terminal Outcomes:**

- Explain the significance and scope of the WorldSkills Competition.
- Explain the participation criterion for WorldSkills Competition.

Duration: 12:00	Duration: 00:00	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
<ul> <li>State the significance of the World Skills Organization.</li> <li>Discuss the different categories of sectors and trades as per the WorldSkills Competition.</li> <li>Describe the selection criteria for the WorldSkills and India Skills Competition.</li> <li>Discuss various trades related to the Furniture and Fittings sector in the WorldSkills Competition.</li> <li>List out the skill set required for the Carpentry trade in the World Skills Competition.</li> <li>Discuss the career prospectus associated with the WorldSkills and India Skills Competition.</li> <li>Explain how to participate in the World skills competition.</li> </ul>		
Classroom Aids		
White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).		
Tools, Equipment, and Other Requirements		

N.A.









### **Module 4: Docket Interpretation and Material Identification** Mapped to FFS/N2228, v 1.0

#### **Terminal Outcomes:**

- Assess intended uses and environmental conditions based on drawing dockets, ensuring clarity and precision in analysis.
- Interpret drawing dockets with precision, optimizing construction quality while considering
- Extrapolate information from drawings and specifications to address gaps, showcasing synthesis abilities.
- Identify materials specified in drawing dockets, seeking clarification for discrepancies, ensuring accuracy in construction.

Dura	tion: 14:00	<b>Duration</b> : 38:00
Theory – Key Learning Outcomes		Practical – Key Learning Outcomes
• E dd • C c c c c c c c c c c c c c c c c c c	Discuss factors affecting carpentry construction, including intended uses and environmental conditions.  Explain the process of interpreting drawing dockets with precision Discuss techniques for extrapolating information from drawings and specifications.  Explain the importance of seeking clarification, correcting errors in drawings.  Explain the importance of accurately dentifying materials specified in drawing dockets.  Describe the process of identifying materials and quantities based on drawing docket specifications.  Explain the significance of organizing tools, materials, and equipment for efficient carpentry operations.	<ul> <li>Conduct a thorough assessment based on drawing dockets and construction details, seeking clarity when needed.</li> <li>Interpret drawing dockets with precision, optimizing the potential for high-quality construction</li> <li>Demonstrate the ability to extrapolate information from drawings and specifications while addressing's gaps or uncertainties</li> <li>Seek clarification and correct any missing or incorrect information in drawings.</li> <li>Demonstrate proficiency in identifying materials specified in drawing dockets.</li> <li>Showcase proficiency in identifying materials and quantities accurately for specified operations.</li> <li>Demonstrate the ability to organize tools, materials, and equipment efficiently for specified carpentry operations.</li> </ul>
Class	sroom Aids	

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional)

### **Tools, Equipment, and Other Requirements**









### **Module 5: Drawing Preparation and Detailing** Mapped to FFS/N2228, v 1.0

#### **Terminal Outcomes:**

- Produce meticulous drawings to scale and full size, adhering to drawing docket specifications.
- Perform drawing annotation with appropriate dimensional points, specifications, conventions, and notes on full-scale drawings

Duration: 14:00	<b>Duration</b> : <i>54:00</i>	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
<ul> <li>Explain the principles of producing drawings to scale and full size while adhering to specifications.</li> <li>Describe the importance of appropriate annotation and dimensional points on a full-scale drawing.</li> <li>Explain the application of geometric methods in determining missing complex angles, joints, and intersections.</li> <li>Describe the process of checking angles, shapes, and dimensions against specifications.</li> </ul>	<ul> <li>Demonstrate the ability to produce meticulous drawings to scale and full size based on docket specifications.</li> <li>Demonstrate proficiency in drawing annotation, including dimensional points, specifications, conventions, and notes.</li> <li>Employ suitable geometric methods to determine missing complex angles, joints, and intersections.</li> <li>Demonstrate the ability to perform accurate checking of angles, shapes, and dimensions against specifications.</li> </ul>	
Classica de Aida		

### **Classroom Aids**

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).

### **Tools, Equipment, and Other Requirements**









### **Module 6: Precision Calculation and Setting Out** Mapped to FFS/N2229, v 1.0

#### **Terminal Outcomes:**

- Accurately set out construction projects using conventional and digital tools, showcasing proficiency and application skills.
- Implement error-avoidance strategies and apply mathematical principles to ensure precise dimensions and measurements align with project specifications.

<b>Duration</b> : <i>08:00</i>	<b>Duration</b> : <i>30:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Explain the principles of accurate setting out using both conventional and digital tools.</li> <li>Describe strategies to avoid cumulative and compounded errors during the setting out process.</li> <li>Explain the use of appropriate calculations and formulae for accurate setting-out.</li> <li>Describe the application of mathematical principles to validate and adjust measurements.</li> </ul>	<ul> <li>Demonstrate proficiency in setting out relevant aspects of carpentry construction projects accurately and clearly.</li> <li>Employ effective strategies to prevent cumulative and compounded errors.</li> <li>Perform appropriate calculations and formulae to set out dimensions accurately.</li> <li>Illustrate the application of mathematical principles to validate and adjust measurements.</li> </ul>

#### **Classroom Aids**

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).

### **Tools, Equipment, and Other Requirements**









### **Module 7: Material Integration and Joint fabrication** Mapped to FFS/N2229, v 1.0

#### **Terminal Outcomes:**

- Ensure the proper selection of timber and materials, considering strength, durability, and aesthetic factors, showcasing application and analysis skills.
- Prepare cutting lists based on materials and design specifications, and perform measurement, marking, and cutting of joints accurately

Duration: 16:00	<b>Duration</b> : 24:00	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
<ul> <li>Explain the factors influencing the selection of timber and timber-based materials.</li> <li>Describe the process of creating a cutting list considering materials and design specifications.</li> <li>Explain measurement and marking techniques for timber and timber-based materials.</li> <li>Describe the safe selection and use of hand and power tools for cutting joints.</li> <li>Explain the principles of preparing joints that are parallel, clean, and correct in size.</li> <li>Describe the techniques for checking joints to ensure strength and durability.</li> </ul>	<ul> <li>Select appropriate timber and materials for a given project.</li> <li>Prepare a cutting list based on project requirements.</li> <li>Display proficiency in measuring and marking timber and materials for joint fabrication.</li> <li>Demonstrate safe and accurate use of hand and power tools for cutting joints.</li> <li>Prepare joints that meet specified standards and drawing requirements.</li> <li>Demonstrate the ability to check joints for strength and durability according to standards.</li> </ul>	
Classroom Aids		

### **Classroom Aids**

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).

### **Tools, Equipment, and Other Requirements**









### **Module 8: Structure Construction and Assembly** Mapped to FFS/N2230, v 1.0

#### **Terminal Outcomes:**

- Execute precise assembly and erection of structures according to project specifications, showcasing proficiency and application skills.
- Perform assembly tasks without causing damage, minimizing risks to individuals and property.
- Accurately select and use specified fasteners as outlined in project drawings.

Duration: 16:00  Theory – Key Learning Outcomes	Duration: 72:00 Practical – Key Learning Outcomes	
<ul> <li>Explain the principles of assembly and erection of structures with precision in alignment.</li> <li>Describe safety protocols and procedures to minimize risks and damages during assembly tasks.</li> <li>Explain the types of fasteners and their specified use as outlined in project drawings.</li> </ul>	<ul> <li>Demonstrate the ability to perform the assembly and erection of structures according to specifications.</li> <li>Demonstrate the ability to execute assembly tasks with efficiency</li> <li>Demonstrate the ability to employ specified fasteners according to project drawings.</li> </ul>	

### **Classroom Aids**

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).

### **Tools, Equipment, and Other Requirements**









### **Module 9: Finishing and Quality Check** Mapped to FFS/N2230, v 1.0

#### **Terminal Outcomes:**

- Produce accurate joints and intersections with no gaps, showcasing advanced proficiency and application skills.
- Neatly attach members using appropriate fasteners, ensuring a professional appearance, and finish carpentry work to the specified surface finish

<b>Duration</b> : 16:00	<b>Duration</b> : 46:00	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
<ul> <li>Explain carpentry techniques for achieving precision in joints and intersections.</li> <li>Describe types of fasteners and their strategic use for attaching members neatly.</li> <li>Explain surface finish specifications and techniques for completing carpentry work.</li> <li>Describe precautions and techniques to prevent damage or unsightly marking during the finishing process.</li> <li>Explain the significance of routine quality checks during the finishing process.</li> </ul>	<ul> <li>Apply carpentry techniques to achieve precise joints and intersections without any gaps.</li> <li>Utilize strategic fastening methods to attach members neatly, ensuring a polished and professional appearance.</li> <li>Implement surface finish techniques to complete carpentry work according to outlined project specifications.</li> <li>Employ precautions and techniques to prevent any damage or unsightly marking during the finishing process.</li> <li>Integrate routine quality checks into the finishing process to ensure a high standard of work.</li> </ul>	
Classroom Aids		

#### **Classroom Aids**

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).

### **Tools, Equipment, and Other Requirements**









### Module 10: Safety at Workplace and Tool Usage Mapped to FFS/N8208, v 1.0

#### **Terminal Outcomes:**

- Adhere to health and safety regulations, implementing robust risk management approaches.
- Select and use Personal Protective Equipment (PPE) appropriately, and prudently manage tools and equipment on-site in accordance with safety protocols.

<b>Duration</b> : <i>06:00</i>	<b>Duration</b> : 20:00	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
<ul> <li>Explain the importance of adhering to health and safety legislation, regulations, and obligations in construction activities.</li> <li>Describe risk management approaches, including the elimination, isolation, or minimization of potential risks in construction.</li> <li>Explain the types of Personal Protective Equipment (PPE) and their usage in alignment with safety protocols.</li> <li>Explain the importance of adhering to safety protocols when using, maintaining, and storing tools, equipment, and materials onsite.</li> <li>Describe the importance of regularly assessing tools and equipment for their secure operational state</li> </ul>	<ul> <li>Implement and ensure compliance with health and safety legislation, regulations, and obligations during construction activities.</li> <li>Apply robust risk management approaches, considering the elimination, isolation, or minimization of potential risks</li> <li>Select and use appropriate PPE in accordance with safety protocols during construction activities.</li> <li>Employ safety protocols for prudent use, maintenance, and storage of tools, equipment, and materials on-site</li> <li>Perform regular assessments of tools and equipment, reporting any anomalies or issues promptly for corrective action.</li> </ul>	
Classroom Aids		

### **Classroom Aids**

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).

### **Tools, Equipment, and Other Requirements**









### Module 11: Project Completion Mapped to FFS/N8208, v 1.0

### **Terminal Outcomes:**

- Execute construction projects securely, precisely, and proficiently within timelines.
- Minimize environmental impact through resourceful methodologies, waste reduction, and pertinent equipment use.

<b>Duration</b> : <i>06:00</i>	Duration: 16:00	
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes	
<ul> <li>Explain the significance of adhering to stipulated standards and timelines for secure, precise, and proficient construction projects.</li> <li>Describe environmentally conscious work methodologies, waste reduction, and the utilization of pertinent equipment in construction.</li> </ul>	<ul> <li>Execute construction projects securely, precisely, and proficiently, adhering to stipulated standards and timelines.</li> <li>Employ resourceful work methodologies, reduce waste, and use pertinent equipment to minimize the environmental impact of construction projects.</li> </ul>	
Classroom Aids		

#### **Classroom Aids**

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).

### **Tools, Equipment, and Other Requirements**









### **Module 12: Stakeholder Communication** Mapped to FFS/N8208, v 1.0

#### **Terminal Outcomes:**

- Engage proficiently with construction project entities, including clients, contractors, and stakeholders.
- Clearly communicate project requirements to all parties, ensuring mutual understanding.

<b>Duration</b> : <i>06:00</i>	Duration: 18:00
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Explain the importance of effective communication and engagement with clients, contractors, and stakeholders in construction projects.</li> <li>Explain the significance of clear communication in conveying project requirements and expectations to all involved parties.</li> </ul>	<ul> <li>Engage proficiently with clients, contractors, and stakeholders, ensuring effective communication and alignment with project goals.</li> <li>Clearly communicate project requirements and expectations among all parties involved in construction projects.</li> </ul>
Classroom Aids	

#### **Classroom Aids**

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).

### **Tools, Equipment, and Other Requirements**









### Module 13: Professional Growth and Problem-Solving Mapped to FFS/N8208, v 1.0

#### **Terminal Outcomes:**

- Anticipate and prevent common variables in construction projects.
- Rectify issues at their foundational source, demonstrating advanced problem-solving and application abilities in carpentry projects.

<b>Duration</b> : <i>06:00</i>	<b>Duration</b> : <i>12:00</i>
Theory – Key Learning Outcomes	Practical – Key Learning Outcomes
<ul> <li>Describe the importance of anticipating and preventing common variables, such as material selection issues, in construction projects.</li> <li>Explain the significance of addressing foundational issues rather than surface-level symptoms in problem-solving in construction.</li> <li>Explain the significance of continuous learning, research, and staying updated with industry trends for professional growth.</li> <li>Describe the importance of effective supervision, autonomy, and accountability for individual work in construction projects.</li> </ul>	<ul> <li>Preclude potential predicaments in construction projects by foreseeing and forestalling commonplace variables, like material selection challenges.</li> <li>Rectify problems at their foundational source, addressing underlying issues rather than surface-level symptoms in construction projects.</li> <li>Employ suitable tools and methodologies to demonstrate the skills for staying updated in industry knowledge and trends</li> <li>Demonstrate autonomy and accountability for assigned project tasks in construction.</li> </ul>
Classroom Aids	

White Board, Board Marker, Duster, Projector, Tablet, Chairs, Tables, Smart Board (Optional).

### **Tools, Equipment, and Other Requirements**









## Annexure

### **Trainer Requirements**

### A trainer should be eligible in any of below mentioned categories:

- 1. Have a formal and/or recognized certification with proven industrial and/or practical experience in the relevant skill (minimum 10 years).
- 2. To facilitate smooth implementation of WorldSkills/IndiaSkills competition and to avoid any disruption, for the year 2024, following additional categories of trainers shall also be eligible to conduct training of WorldSkills/IndiaSkills qualifications:
  - a. Have worked as a Jury member/expert in skill competitions and other competitions of similar nature at regional/national levels
  - b. Trained/mentored competitors for IndiaSkills/ WorldSkills competitions (national/ international).

NOTE: If a Trainer is affiliated with an organization, it is imperative to secure the endorsement of their employer, institution, or organization, including their commitment to support WorldSkills India in upcoming competitions.









### **Assessor Requirements**

### An assessor should be eligible in any of below mentioned categories:

- 1. Have a formal and/or recognized certification with proven industrial and/or practical experience in the relevant skill (minimum 10 years).
- 2. To facilitate smooth implementation of WorldSkills/IndiaSkills competition and to avoid any disruption, for the year 2024, following additional categories of assessors shall also be eligible to conduct of assessment of WorldSkills/IndiaSkills qualifications:
  - a. Have worked as a Jury member/expert in skill competitions and other competitions of similar nature at regional/national levels OR
  - b. Trained/mentored competitors for IndiaSkills/ WorldSkills competitions (national/ international).

NOTE: If an Assessor is affiliated with an organization, it is imperative to secure the endorsement of their employer, institution, or organization, including their commitment to support WorldSkills India in upcoming competitions.









### **Assessment Strategy**

This section includes the processes involved in identifying, gathering, and interpreting information to evaluate the learner on the required competencies of the program.

The following skill assessment strategy and procedures for the skill competition are taken into account:

#### A - Interior Joints:

- Criteria: Surfaces should be flat with minimum saw/chisel marks, and no overcutting at internal joint faces.
- Assessment Method: Experts will assess the accuracy and cleanness of joints and cuts.

### **B** - Dimensions:

- Criteria: Members should be cut and assembled with high accuracy; dimensions are identified on the marking team's drawings.
- Assessment Method: Two groups of three Experts will measure dimensions; if results differ by more than 0.5 mm, a third team of two Experts will confirm measurements.

### **C** - Exterior Joints:

- Criteria: Joints formed with no gaps; the biggest gap in each cluster of joints is measured.
- Assessment Method: Joints are assessed by three Experts.

#### D - Neatness of Finish, Cleanness, and General Impression:

- Criteria: All members in place, no unsightly joints, flat surfaces, accurate backing bevels, minimal pencil marks and stains, neat screw fixings.
- Assessment Method: Overall project judged by Experts for neatness, cleanness, and general impression.

### E - Use of Material:

- Criteria: Complete the project using provided material, optimize material ordering, no recutting after interior joints are marked, no sanding/planning after assembly.
- Assessment Method: Experts will ensure compliance with material use criteria.









#### **Assessment Procedures:**

- 1. Team Allocation: Chief Expert allocates Experts into marking teams based on WorldSkills experience, language, and culture considerations.
- 2. Assigned Aspects: Each marking team is allocated specific aspects of the project to assess for all competitors.
- 3. Competitor Requests: Competitors can request permission for recuts (up to four) or a new piece of wood (up to two) up to their deduction credit.

#### **Additional Notes:**

- 1. Communication: Clear communication between marking teams and competitors is essential.
- 2. Consistency: Marking teams should ensure consistency in applying assessment criteria.
- 3. Transparency: Competitors should be aware of the deduction credit available for recuts and new pieces.
- 4. Fairness: The assessment process should be fair and unbiased, considering competitors' requests within the defined limits.

This strategy aims to ensure a comprehensive and fair evaluation of skills in the WorldSkills competition, emphasizing accuracy, neatness, and adherence to specified criteria.









### References

### **Glossary**

Term	Description
Declarative Knowledge	Declarative knowledge refers to facts, concepts, and principles that need to be known and/or understood in order to accomplish a task or to solve a problem.
Key Learning Outcome	Key learning outcome is the statement of what a learner needs to know, understand and be able to do in order to achieve the terminal outcomes. A set of key learning outcomes will make up the training outcomes. Training outcome is specified in terms of knowledge, understanding (Theory) and skills (practical application).
OJT (M)	On-the-job training (Mandatory); trainees are mandated to complete specified hours of training on-site
OJT (R)	On-the-job training (Recommended); trainees are recommended the specified hours of training on-site
Procedural Knowledge	Procedural knowledge addresses how to do something or how to perform a task. It is the ability to work or produce a tangible work output by applying cognitive, affective, or psychomotor skills.
Training Outcome	Training outcome is a statement of what a learner will know, understand and be able to do upon the completion of the training.
Terminal Outcome	The terminal outcome is a statement of what a learner will know, understand and be able to do upon the completion of a module. A set of terminal outcomes help to achieve the training outcome.









### **Acronyms and Abbreviations**

Term	Description
QP	Qualification Pack
NSQF	National Skills Qualification Framework
NSQC	National Skills Qualification Committee
NOS	National Occupational Standards
QC	Quality Checking
PwD	Person with Disability
ToT	Training of Trainers
ToA	Training of Assessors
FFSC	Furniture and Fittings Skill Council
TP	Training Partner
PC	Performance Criteria
NA	Not Applicable
PPE	Personal Protective Equipment