









# Multipurpose Assistant- Furniture Production and Installation

Storekeeping & Warehousing/ Wood Workshop/ Machine Shop/ Surface Finishing/ Upholstery/ Packaging/ Installation

QP Code: FFS/Q0901

Version: 1.0

NSQF Level: 3

Furniture and Fittings Skill Council | 407-408, DLF City Court, M G Road, Sikanderpur









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### FFS/Q0901: Multipurpose Assistant- Furniture Production and Installation

### **Brief Job Description**

Multipurpose Assistant in Furniture Production and Installation is a beginner who assists in interpreting work dockets, conducting work site recce, compiling lists of required materials, tools, and equipment, and setting up the work area as per operational needs. This individual may choose a specialization from a range of options, such as store/warehouse operations, woodworking, machine shop operations, furniture finishing, upholstery, furniture packaging, or furniture installation operations. The role involves supporting the smooth execution of tasks and maintaining an organized work environment.

#### **Personal Attributes**

An individual should demonstrate meticulous attention to detail for precise task execution in furniture production and installation. They must foster a collaborative mindset for a positive team environment and be willing to proactively address challenges for smooth task execution.

### **Applicable National Occupational Standards (NOS)**

### **Compulsory NOS:**

- 1. FFS/N0901: Assist in interpreting work dockets, and recce of work area/work site
- 2. FFS/N0902: Assist in compiling list of the required materials, tools and equipment, and arranging it.
- 3. FFS/N0903: Assist in the setting up the work area as per required operation and managing it
- 4. FFS/N8201: Follow health, safety, and greening practices at the worksite
- 5. DGT/VSQ/N0101: Employability Skills (30 Hours)

### **Electives**(mandatory to select at least one):

Elective 1: Storekeeping & Warehousing

1. FFS/N0904: Assist in operation of store or warehouse

**Elective 2: Wood Workshop** 

1. FFS/N0905: Assist in woodworking operations

Elective 3: Machine Shop









1. FFS/N0906: Assist in machine shop operations & general maintenance

### Elective 4: Surface Finishing

1. FFS/N0907: Assist in furniture finishing operations

Elective 5: Upholstery

1. FFS/N0908: Assist in upholstery operations

Elective 6: Packaging

1. FFS/N0909: Assist in furniture packaging operations

Elective 7: Installation

1. FFS/N0910: Assist in installation operations for furniture, fixtures & fittings

### **Qualification Pack (QP) Parameters**

Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
Country	India
NSQF Level	3
Credits	46
Aligned to NCO/ISCO/ISIC Code	NCO-2015/7115.9900









Minimum Educational Qualification & Experience	10th Class with NA of experience OR 8th grade pass with 1 year of (NTC/ NAC) after 8th with NA of experience OR 8th grade pass and pursuing continuous schooling with NA of experience OR 9th grade pass (Pursuing continuous schooling in regular school) with NA of experience OR 9th grade pass with 1 Year of experience Relevant Experience OR 8th grade pass with 2 Years of experience Relevant Experience OR 5th grade pass with 5 Years of experience Relevant Experience OR 7revious relevant Qualification of NSQF Level (Foundation course on Design-Build-Install at Level-2) with 3 Years of experience Relevant Experience
Minimum Level of Education for Training in School	8th Class
Pre-Requisite License or Training	NA
Minimum Job Entry Age	14 Years
Last Reviewed On	NA
Next Review Date	31/08/2026
NSQC Approval Date	31/08/2023
Version	1.0
Reference code on NQR	QG-03-WC-00819-2023-V1-FFSC
NQR Version	1









## FFS/N0901: Assist in interpreting work dockets, and recce of work area/work site

### **Description**

This unit describes the performance outcomes required to assist in interpreting the work dockets and conducting site recce of the work area involving measurement and marking with the supervisor

### Scope

The scope covers the following:

- Assist in interpreting the work dockets
- Assist in conducting the recce of the work area

### **Elements and Performance Criteria**

### Assist in interpreting the work dockets

To be competent, the user/individual on the job must be able to:

- **PC1.** interpret the scope of work as per the job card and plan resources
- **PC2.** ensure timely filling and daily submission of job cards to the supervisor.
- PC3. ensure that all components of work docket are available and report any anomalies
- **PC4.** assist in interpreting the technical drawings, plans & elevations, exploded views, etc.
- PC5. assist in interpreting the part lists, cuttings lists, material lists, tools and equipment's list

### Assist in conducting the recce of the work area

To be competent, the user/individual on the job must be able to:

- **PC6.** assist in preparing the list of material, tools, or equipment required for conducting recce and ensure its availability
- **PC7.** ensure the cleanliness of the work area for marking and measurement purpose
- **PC8.** assist in conducting the physical site survey and follow the instructions as per the recce checklist
- **PC9.** assist in marking the worksite as per layout and plan
- PC10. assist in timely compilation and handover of the measurement sheet to the supervisor

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses









- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** the components and requirements of the job card, including the scope of work and the resources needed.
- **KU9.** how to analyze and interpret the scope of work to identify the tasks, deliverables, and objectives involved.
- **KU10.** the purpose and importance of job cards in tracking work progress and documenting tasks performed.
- **KU11.** the process of filling out job cards, including the required information to be recorded.
- **KU12.** the components typically included in a work docket include drawings, specifications, material lists, and any additional instructions or guidelines.
- **KU13.** the significance of the work docket in the planning and execution of woodworking tasks.
- **KU14.** how to interpret technical drawings, plans, elevations, and exploded views in conveying design information and specifications.
- **KU15.** the common symbols, notations, and conventions used in technical drawings, plans, elevations, and exploded views.
- **KU16.** the relationship between different views (e.g., top, front, side) and how they collectively represent an object or structure.
- **KU17.** the purpose of part lists, cuttings lists, material lists, and tools and equipment lists in a furniture manufacturing context.
- **KU18.** the common terminology, abbreviations, and symbols used in part lists, cuttings lists, material lists, and tools and equipment lists.
- **KU19.** how to prepare a comprehensive list of material, tools, or equipment for conducting recce (reconnaissance).
- **KU20.** the specific material, tools, or equipment commonly required for conducting recce, considering the nature of the tasks and objectives involved.
- **KU21.** the importance of a clean work area for accurate marking and measurement activities.
- **KU22.** the process of conducting a physical site survey as part of the site survey/recce process.
- **KU23.** the key components and activities involved in a physical site survey, such as measurements, observations, documentation, and data collection.
- **KU24.** the potential safety hazards associated with conducting site survey
- **KU25.** the process of accurately marking the worksite according to the provided layout and plan.
- **KU26.** the key elements of a layout and plan, including dimensions, reference points, and symbols.
- **KU27.** the content and format of a measurement sheet, including required details and standardized conventions.

### **Generic Skills (GS)**

User/individual on the job needs to know how to:

**GS1.** read company policy documents, information displayed at the worksite, job cards, etc.









- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization
- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame
- **GS10.** build and maintain positive and effective relationships with clients









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in interpreting the work dockets	8	18	20	2
<b>PC1.</b> interpret the scope of work as per the job card and plan resources	2	4	4	-
<b>PC2.</b> ensure timely filling and daily submission of job cards to the supervisor.	2	4	4	-
<b>PC3.</b> ensure that all components of work docket are available and report any anomalies	-	2	4	-
<b>PC4.</b> assist in interpreting the technical drawings, plans & elevations, exploded views, etc.	2	4	4	1
PC5. assist in interpreting the part lists, cuttings lists, material lists, tools and equipment's list	2	4	4	1
Assist in conducting the recce of the work area	10	26	12	4
<b>PC6.</b> assist in preparing the list of material, tools, or equipment required for conducting recce and ensure its availability	2	4	4	1
<b>PC7.</b> ensure the cleanliness of the work area for marking and measurement purpose	2	4	-	1
<b>PC8.</b> assist in conducting the physical site survey and follow the instructions as per the recce checklist	2	8	4	1
<b>PC9.</b> assist in marking the worksite as per layout and plan	2	8	-	1
<b>PC10.</b> assist in timely compilation and handover of the measurement sheet to the supervisor	2	2	4	-
NOS Total	18	44	32	6









### **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0901
NOS Name	Assist in interpreting work dockets, and recce of work area/work site
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	2
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









# FFS/N0902: Assist in compiling list of the required materials, tools and equipment, and arranging it.

### **Description**

This unit describes the performance outcomes required to assist in the preparation and setup of tools, equipment, and materials at the worksite

### Scope

The scope covers the following:

- Assist in compiling the required lists of material, tools and equipment
- Assist in coordination with the concerned departments
- Assist in selection of materials as per list and quality checking
- Assist in loading, movement and unloading operations

#### **Elements and Performance Criteria**

### Assist in compiling the required lists of material, tools and equipment

To be competent, the user/individual on the job must be able to:

- **PC1.** assist in interpreting the number of operations and department involved in the production process
- **PC2.** assist in preparing the lists of different raw material, tools and equipment required from various departments
- **PC3.** assist in preparing the material movement plan highlighting the various departments involved
- **PC4.** assist in the timely compilation and handover of the materials, tools and equipment lists to the supervisor

#### Assist in coordination with the concerned departments

To be competent, the user/individual on the job must be able to:

- **PC5.** assist in the material selection and movement briefing
- **PC6.** assist in handover of the material lists and material movement plans to the concerned department
- **PC7.** ensure adherence to defined timelines as per plan and report anomalies if any

### Assist in selection of materials as per list and quality checking

To be competent, the user/individual on the job must be able to:

- **PC8.** assist in the identification, measurement and marking of material such as wood, panels, etc.
- **PC9.** assist in identification and checking of different architectural hardware & fittings
- **PC10.** assist in identification and checking of material for finishing
- **PC11.** assist in identification and checking of material for upholstery
- PC12. assist in identification and checking of tools & equipment, spares, etc.
- PC13. assist in identification and checking of semi finished & finished goods
- **PC14.** assist in ensuring quality of materials and report in case of any anomalies









### Assist in loading, movement and unloading operations

To be competent, the user/individual on the job must be able to:

- **PC15.** interpret the material loading and unloading instruction sheet received from the supervisor.
- **PC16.** arrange the appropriate handling equipment for loading and unloading materials.
- **PC17.** use the handling equipment to shift the material from the loading/ unloading bay to the designated area.
- **PC18.** assist in the maintaining records, timely compilation and handover of the documents to concerned department & supervisor

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** the common operations and departments typically found in a production process, such as manufacturing, assembly, quality control, logistics, etc.
- **KU9.** the different types and specifications of raw material, tools, and equipment commonly used in the industry or specific furniture manufacturing processes.
- **KU10.** the elements of a material movement document and the pre-requisites required for the same
- **KU11.** the different departments typically involved in material movements, such as procurement, production, logistics, and quality control.
- **KU12.** the importance of compiling accurate and comprehensive lists of materials, tools, and equipment for task execution and resource management.
- **KU13.** the requisites involved in conducting site handover activity
- **KU14.** the various techniques and standard criteria for selecting appropriate materials in woodworking projects.
- **KU15.** safety protocols and procedures for handling and storing woodworking materials.
- **KU16.** the process of proper handover procedures for material lists and movement plans to ensure effective coordination and execution of tasks.
- **KU17.** the importance of adhering to defined timelines for successful project completion and effective task management.
- **KU18.** the measurement techniques, tools, and units of measurement used in furniture fabrication for precise and accurate measurement of materials.









- **KU19.** the marking methods and techniques used in furniture fabrication for effective communication and identification of materials.
- **KU20.** the different types of architectural hardware and fittings, along with their characteristics, functions, and specifications commonly used in furniture projects.
- **KU21.** the different types of materials commonly used for finishing purposes in furniture projects such as paint, varnish, tiles, wallpaper, etc.
- **KU22.** the different types of materials commonly used for upholstery purposes in furniture or interior design projects such as fabrics, leather, foam, etc.
- **KU23.** the different types of tools, equipment, and spares commonly used in the woodworking along with their characteristics, functions, and maintenance requirements
- **KU24.** the different types of semi-finished and finished goods commonly produced or used in the woodworking along with their characteristics, features, and quality criteria
- **KU25.** quality standards and specifications applicable to the commonly used materials in the woodworking or relevant industry.
- **KU26.** common quality defects and anomalies that may occur in materials and the associated reporting procedures.
- **KU27.** common terminology and symbols used in material handling and logistics.
- KU28. types of handling equipment used for material loading and unloading
- **KU29.** the capabilities and limitations of different handling equipment.
- **KU30.** the operation and controls of the handling equipment used for material shifting
- **KU31.** safety precautions and procedures related to material shifting using handling equipment.
- **KU32.** the importance of maintaining accurate records and timely document compilation
- **KU33.** the relevant document types, formats, and filing procedures related to woodworking and related industry.

### **Generic Skills (GS)**

User/individual on the job needs to know how to:

- **GS1.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization
- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame









**GS10.** build and maintain positive and effective relationships with clients









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in compiling the required lists of material, tools and equipment	3	8	6	2
<b>PC1.</b> assist in interpreting the number of operations and department involved in the production process	1	-	2	1
<b>PC2.</b> assist in preparing the lists of different raw material, tools and equipment required from various departments	1	4	2	1
<b>PC3.</b> assist in preparing the material movement plan highlighting the various departments involved	1	2	-	-
<b>PC4.</b> assist in the timely compilation and handover of the materials, tools and equipment lists to the supervisor	-	2	2	-
Assist in coordination with the concerned departments	2	8	4	1
<b>PC5.</b> assist in the material selection and movement briefing	1	4	2	1
<b>PC6.</b> assist in handover of the material lists and material movement plans to the concerned department	1	2	-	-
<b>PC7.</b> ensure adherence to defined timelines as per plan and report anomalies if any	-	2	2	-
Assist in selection of materials as per list and quality checking	6	26	14	1
<b>PC8.</b> assist in the identification, measurement and marking of material such as wood, panels, etc.	1	4	2	1
<b>PC9.</b> assist in identification and checking of different architectural hardware & fittings	1	4	2	-
<b>PC10.</b> assist in identification and checking of material for finishing	1	4	2	-









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> assist in identification and checking of material for upholstery	1	4	2	-
<b>PC12.</b> assist in identification and checking of tools & equipment, spares, etc.	1	4	2	-
<b>PC13.</b> assist in identification and checking of semi finished & finished goods	1	4	2	-
<b>PC14.</b> assist in ensuring quality of materials and report in case of any anomalies	-	2	2	-
Assist in loading, movement and unloading operations	2	10	6	1
<b>PC15.</b> interpret the material loading and unloading instruction sheet received from the supervisor.	-	2	2	-
<b>PC16.</b> arrange the appropriate handling equipment for loading and unloading materials.	1	2	-	1
<b>PC17.</b> use the handling equipment to shift the material from the loading/ unloading bay to the designated area.	1	4	2	-
<b>PC18.</b> assist in the maintaining records, timely compilation and handover of the documents to concerned department & supervisor	-	2	2	-
NOS Total	13	52	30	5









### **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0902
NOS Name	Assist in compiling list of the required materials, tools and equipment, and arranging it.
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	2
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









# FFS/N0903: Assist in the setting up the work area as per required operation and managing it

### **Description**

This unit describes the performance outcomes required to perform worksite management based on supervisor instructions

### Scope

The scope covers the following:

- Assist in setting up the work area
- Assist in managing the work area

#### **Elements and Performance Criteria**

### Assist in setting up the work area

To be competent, the user/individual on the job must be able to:

- **PC1.** assist in preparing the work area for the defined operation as per supervisor's instruction
- **PC2.** assist in unpacking, arranging the materials, furniture parts, and tools & equipment etc.
- **PC3.** ensure the use of appropriate containers to store or carry rivets, bolts, drift pins, and similar items.
- **PC4.** ensure that all the materials and equipment are duly checked and stacked properly as per the required work area setup plan

### Assist in managing the work area

To be competent, the user/individual on the job must be able to:

- **PC5.** assist in management of the material, tools & equipment and other semi-finished/finished products
- **PC6.** assist in given task or operation as per instructions of the supervisor
- **PC7.** assist in measurement and maintenance of semi-finished parts & finished goods
- **PC8.** ensure cleaning of the work area at required intervals and before the project handover.
- **PC9.** assist in collecting, storing, and removing combustible waste products at the end of each work shift.
- **PC10.** assist in proper record keeping of materials, tools, and equipment for each workday

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth









- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** the importance of proper work area preparation and organization for efficient and safe operations.
- **KU9.** the proper handling and organization of materials, furniture parts, tools, and equipment
- **KU10.** the proper procedure for unpacking, arranging materials and furniture parts, becoming familiar with the inventory list, and identifying discrepancies.
- **KU11.** different types of containers suitable for storing and carrying rivets, bolts, drift pins, and similar items.
- **KU12.** the various types of material handling equipment such as trolley, forklift, lifter, etc. and its application
- **KU13.** different methods of stacking and storage conditions as per the materials
- **KU14.** the process, precautions, and body posture to be followed while loading, unloading, and shifting the materials
- **KU15.** the importance of effective management of materials, tools & equipment, and products in a woodworking environment.
- **KU16.** the basics of designated bays in the woodworking setup specifically for movement and storage of semi-finished/finished products and materials
- **KU17.** the safety consideration while assisting in a task based on specified instructions
- **KU18.** the importance of performing job work in accordance with specified instructions
- **KU19.** measurement techniques and tools used for assessing the dimensions and quality of semi-finished parts and finished goods.
- **KU20.** maintenance procedures and best practices for preserving the quality and functionality of semi-finished parts and finished goods.
- **KU21.** the basics of workplace safety and cleanliness guidelines
- KU22. the basics of using different cleaning products, tools, and equipment along with PPE kit
- **KU23.** potential hazards and risks associated with an unclean work environment
- **KU24.** the tools and equipment used in effective waste disposal process
- **KU25.** different types of combustible and other waste materials generated at woodworking setup
- **KU26.** proper storage and disposal methods for combustible waste
- **KU27.** the various techniques associated with record-keeping of materials, tools, and equipment

### **Generic Skills (GS)**

User/individual on the job needs to know how to:

- **GS1.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization









- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame
- **GS10.** build and maintain positive and effective relationships with clients









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in setting up the work area	6	20	8	2
<b>PC1.</b> assist in preparing the work area for the defined operation as per supervisor's instruction	-	6	4	-
<b>PC2.</b> assist in unpacking, arranging the materials, furniture parts, and tools & equipment etc.	2	4	4	-
<b>PC3.</b> ensure the use of appropriate containers to store or carry rivets, bolts, drift pins, and similar items.	2	4	-	1
<b>PC4.</b> ensure that all the materials and equipment are duly checked and stacked properly as per the required work area setup plan	2	6	-	1
Assist in managing the work area	8	36	18	2
<b>PC5.</b> assist in management of the material, tools & equipment and other semi-finished/finished products	2	6	2	-
<b>PC6.</b> assist in given task or operation as per instructions of the supervisor	-	6	4	-
<b>PC7.</b> assist in measurement and maintenance of semi-finished parts & finished goods	2	6	4	1
<b>PC8.</b> ensure cleaning of the work area at required intervals and before the project handover.	2	6	4	1
<b>PC9.</b> assist in collecting, storing, and removing combustible waste products at the end of each work shift.	2	6	-	-
<b>PC10.</b> assist in proper record keeping of materials, tools, and equipment for each workday	-	6	4	-
NOS Total	14	56	26	4









### **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0903
NOS Name	Assist in the setting up the work area as per required operation and managing it
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	1
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









### FFS/N8201: Follow health, safety, and greening practices at the worksite

### **Description**

This unit describes the performance outcomes required to assist in maintaining health, safety, cleanliness, and hygiene at the worksite.

### Scope

The scope covers the following:

- Maintain cleanliness of the worksite
- Follow health and safety procedures
- Maintain personal hygiene
- Follow precautionary measures to avoid work hazards
- Ensure material conservation and optimization of resources

### **Elements and Performance Criteria**

#### Maintain cleanliness of the worksite

To be competent, the user/individual on the job must be able to:

- **PC1.** ensure adequate stock of cleaning materials and consumables
- **PC2.** identify and report poor organizational practices with respect to hygiene, food handling, cleaning
- **PC3.** ensure that the trash cans or waste collection points are cleared every day

### Follow health and safety procedures

To be competent, the user/individual on the job must be able to:

- **PC4.** use appropriate personal protective equipment compatible with the work and compliant to relevant Occupational Health and Safety (OHS) guidelines: masks, safety glasses, head protection, ear muffs, safety footwear, gloves, aprons, etc.
- **PC5.** use emergency equipment in accordance with manufacturers' specifications as per requirement

#### Maintain personal hygiene

To be competent, the user/individual on the job must be able to:

- **PC6.** follow the dress code of the worksite
- **PC7.** wash hands regularly using suggested material such as soap, one-use disposable tissue, warm water, etc.

### Follow precautionary measures to avoid work hazards

To be competent, the user/individual on the job must be able to:

- **PC8.** follow the displayed safety signs at the worksite
- **PC9.** undertake the safety measures and checks while handling any electrically powered tools, and equipment, etc.
- **PC10.** ensure the usage of harmful chemicals inside work area as per the specified guidelines only
- **PC11.** ensure safe handling and disposal of waste and debris









**PC12.** undertake correct ways while lifting or movement of the heavy material from one place to another

#### Ensure material conservation and optimization of resources

To be competent, the user/individual on the job must be able to:

- **PC13.** ensure optimal material utilization in the specific processes
- **PC14.** implement the suggested ways to conserve and re-use water
- **PC15.** ensure to keep the electrical appliances in OFF position when not in use
- **PC16.** carry out routine cleaning of tools, machines, and equipment as per instruction

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose & objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** various Standard Operating Procedures (SOP) and department-specific processes of the organization
- **KU3.** the products and services provided by the company to clients and its quality standards
- **KU4.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU5.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU6.** relevance of health and safety requirements applicable in the worksite
- **KU7.** types of cleaning equipment and consumables such as chemicals, liquids, etc.
- **KU8.** the process of raising a grievance and its redressal mechanism
- **KU9.** usage of different colors of dustbins based on the type of waste
- **KU10.** the organization legislative requirements and emergency procedures
- **KU11.** various causes of fire, and usage of different fire prevention equipment
- **KU12.** importance of work ethics, dress code, and personal hygiene
- **KU13.** various types of safety signs and what they mean
- **KU14.** the operational and relevant guidelines for usage and handling of tools and equipment and their serviceability procedures
- **KU15.** storage and handling of hazardous substances
- **KU16.** the process of segregation of waste based on reusable and non-recyclable materials
- **KU17.** importance of safe lifting practices and correct body postures
- **KU18.** importance of material usage planning and utilization
- **KU19.** common practices associated with conserving water and electricity
- KU20. various housekeeping process and equipment used for cleaning worksite, tools, and products

#### **Generic Skills (GS)**

User/individual on the job needs to know how to:

**GS1.** communicate proficiently in one or more languages, preferably local language and/or english









- **GS2.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS3.** use the communication systems of the company, e.g., telephone, email, chat, public announcement systems, or hard copy memos/letters
- **GS4.** effectively communicate with team members and supervisor in a respectful manner as per the protocol of the organization
- **GS5.** work constructively and collaboratively with others
- **GS6.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS7.** read notes/comments from the supervisor and teams
- **GS8.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS9.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS10.** select the optimal process and appropriate tools & equipment to complete the work efficiently
- **GS11.** use reasoning skills to take appropriate decisions and troubleshoot concerns related to own responsibilities









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Maintain cleanliness of the worksite	3	4	3	2
<b>PC1.</b> ensure adequate stock of cleaning materials and consumables	1	2	-	1
<b>PC2.</b> identify and report poor organizational practices with respect to hygiene, food handling, cleaning	1	-	-	1
<b>PC3.</b> ensure that the trash cans or waste collection points are cleared every day	1	2	3	-
Follow health and safety procedures	5	6	4	1
<b>PC4.</b> use appropriate personal protective equipment compatible with the work and compliant to relevant Occupational Health and Safety (OHS) guidelines: masks, safety glasses, head protection, ear muffs, safety footwear, gloves, aprons, etc.	3	3	4	-
<b>PC5.</b> use emergency equipment in accordance with manufacturers' specifications as per requirement	2	3	-	1
Maintain personal hygiene	4	4	5	-
PC6. follow the dress code of the worksite	2	2	3	-
<b>PC7.</b> wash hands regularly using suggested material such as soap, one-use disposable tissue, warm water, etc.	2	2	2	-
Follow precautionary measures to avoid work hazards	12	19	-	2
<b>PC8.</b> follow the displayed safety signs at the worksite	3	2	-	1
<b>PC9.</b> undertake the safety measures and checks while handling any electrically powered tools, and equipment, etc.	3	7	-	1
<b>PC10.</b> ensure the usage of harmful chemicals inside work area as per the specified guidelines only	1	3	-	-









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> ensure safe handling and disposal of waste and debris	3	3	-	-
<b>PC12.</b> undertake correct ways while lifting or movement of the heavy material from one place to another	2	4	-	-
Ensure material conservation and optimization of resources	11	7	8	-
<b>PC13.</b> ensure optimal material utilization in the specific processes	3	2	-	-
<b>PC14.</b> implement the suggested ways to conserve and re-use water	3	2	2	-
<b>PC15.</b> ensure to keep the electrical appliances in OFF position when not in use	2	-	3	-
<b>PC16.</b> carry out routine cleaning of tools, machines, and equipment as per instruction	3	3	3	-
NOS Total	35	40	20	5









### **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N8201
NOS Name	Follow health, safety, and greening practices at the worksite
Sector	Furniture & Fittings
Sub-Sector	Generic
Occupation	Generic
NSQF Level	3
Credits	1
Version	3.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









### **DGT/VSQ/N0101: Employability Skills (30 Hours)**

### **Description**

This unit is about employability skills, Constitutional values, becoming a professional in the 21st Century, digital, financial, and legal literacy, diversity and Inclusion, English and communication skills, customer service, entrepreneurship, and apprenticeship, getting ready for jobs and career development.

### Scope

The scope covers the following:

- Introduction to Employability Skills
- Constitutional values Citizenship
- Becoming a Professional in the 21st Century
- Basic English Skills
- Communication Skills
- Diversity & Inclusion
- Financial and Legal Literacy
- Essential Digital Skills
- Entrepreneurship
- Customer Service
- Getting ready for Apprenticeship & Jobs

### **Elements and Performance Criteria**

#### Introduction to Employability Skills

To be competent, the user/individual on the job must be able to:

PC1. understand the significance of employability skills in meeting the job requirements

#### Constitutional values - Citizenship

To be competent, the user/individual on the job must be able to:

**PC2.** identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices

### Becoming a Professional in the 21st Century

To be competent, the user/individual on the job must be able to:

**PC3.** explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.

#### Basic English Skills

To be competent, the user/individual on the job must be able to:

**PC4.** speak with others using some basic English phrases or sentences

#### Communication Skills

To be competent, the user/individual on the job must be able to:

- **PC5.** follow good manners while communicating with others
- **PC6.** work with others in a team









### **Diversity & Inclusion**

To be competent, the user/individual on the job must be able to:

- **PC7.** communicate and behave appropriately with all genders and PwD
- PC8. report any issues related to sexual harassment

### Financial and Legal Literacy

To be competent, the user/individual on the job must be able to:

- **PC9.** use various financial products and services safely and securely
- **PC10.** calculate income, expenses, savings etc.
- **PC11.** approach the concerned authorities for any exploitation as per legal rights and laws

### Essential Digital Skills

To be competent, the user/individual on the job must be able to:

- PC12. operate digital devices and use its features and applications securely and safely
- **PC13.** use internet and social media platforms securely and safely

### Entrepreneurship

To be competent, the user/individual on the job must be able to:

- PC14. identify and assess opportunities for potential business
- PC15. identify sources for arranging money and associated financial and legal challenges

#### Customer Service

To be competent, the user/individual on the job must be able to:

- **PC16.** identify different types of customers
- **PC17.** identify customer needs and address them appropriately
- **PC18.** follow appropriate hygiene and grooming standards

### Getting ready for apprenticeship & Jobs

To be competent, the user/individual on the job must be able to:

- PC19. create a basic biodata
- **PC20.** search for suitable jobs and apply
- PC21. identify and register apprenticeship opportunities as per requirement

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** need for employability skills
- **KU2.** various constitutional and personal values
- **KU3.** different environmentally sustainable practices and their importance
- **KU4.** Twenty first (21st) century skills and their importance
- **KU5.** how to use basic spoken English language
- **KU6.** Do and dont of effective communication
- **KU7.** inclusivity and its importance
- KU8. different types of disabilities and appropriate communication and behaviour towards PwD
- **KU9.** different types of financial products and services









- **KU10.** how to compute income and expenses
- **KU11.** importance of maintaining safety and security in financial transactions
- KU12. different legal rights and laws
- **KU13.** how to operate digital devices and applications safely and securely
- KU14. ways to identify business opportunities
- KU15. types of customers and their needs
- **KU16.** how to apply for a job and prepare for an interview
- **KU17.** apprenticeship scheme and the process of registering on apprenticeship portal

### **Generic Skills (GS)**

User/individual on the job needs to know how to:

- **GS1.** communicate effectively using appropriate language
- GS2. behave politely and appropriately with all
- **GS3.** perform basic calculations
- **GS4.** solve problems effectively
- **GS5.** be careful and attentive at work
- **GS6.** use time effectively
- **GS7.** maintain hygiene and sanitisation to avoid infection









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Introduction to Employability Skills	1	1	-	-
<b>PC1.</b> understand the significance of employability skills in meeting the job requirements	-	-	-	-
Constitutional values - Citizenship	1	1	-	-
<b>PC2.</b> identify constitutional values, civic rights, duties, personal values and ethics and environmentally sustainable practices	-	-	-	-
Becoming a Professional in the 21st Century	1	3	-	-
<b>PC3.</b> explain 21st Century Skills such as Self-Awareness, Behavior Skills, Positive attitude, self-motivation, problem-solving, creative thinking, time management, social and cultural awareness, emotional awareness, continuous learning mindset etc.	-	-	-	-
Basic English Skills	2	3	-	-
<b>PC4.</b> speak with others using some basic English phrases or sentences	-	-	-	-
Communication Skills	1	1	-	-
<b>PC5.</b> follow good manners while communicating with others	-	-	-	-
PC6. work with others in a team	-	-	-	-
Diversity & Inclusion	1	1	-	-
<b>PC7.</b> communicate and behave appropriately with all genders and PwD	-	-	-	-
PC8. report any issues related to sexual harassment	-	-	-	-
Financial and Legal Literacy	3	4	-	-
<b>PC9.</b> use various financial products and services safely and securely	-	-	-	-









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
PC10. calculate income, expenses, savings etc.	-	-	-	-
<b>PC11.</b> approach the concerned authorities for any exploitation as per legal rights and laws	-	-	-	-
Essential Digital Skills	4	6	-	-
<b>PC12.</b> operate digital devices and use its features and applications securely and safely	-	-	-	-
<b>PC13.</b> use internet and social media platforms securely and safely	-	-	-	-
Entrepreneurship	3	5	-	-
<b>PC14.</b> identify and assess opportunities for potential business	-	-	-	-
<b>PC15.</b> identify sources for arranging money and associated financial and legal challenges	-	-	-	-
Customer Service	2	2	-	-
PC16. identify different types of customers	-	-	-	-
<b>PC17.</b> identify customer needs and address them appropriately	-	-	-	_
<b>PC18.</b> follow appropriate hygiene and grooming standards	-	-	-	-
Getting ready for apprenticeship & Jobs	1	3	-	-
PC19. create a basic biodata	-	-	-	-
PC20. search for suitable jobs and apply	-	-	-	-
<b>PC21.</b> identify and register apprenticeship opportunities as per requirement	-	-	-	-
NOS Total	20	30	-	-









### **National Occupational Standards (NOS) Parameters**

NOS Code	DGT/VSQ/N0101
NOS Name	Employability Skills (30 Hours)
Sector	Cross Sectoral
Sub-Sector	Professional Skills
Occupation	Employability
NSQF Level	2
Credits	1
Version	1.0
Last Reviewed Date	30/11/2023
Next Review Date	30/11/2026
NSQC Clearance Date	30/11/2023









### FFS/N0904: Assist in operation of store or warehouse

### **Description**

This unit describes the performance outcomes required to assist in performing basic operations involving storekeeping or warehousing

### Scope

The scope covers the following:

- Assist in receipt, storage & dispatch of material as per established procedures and standards
- Assist in managing the inventory and stock of store or warehouse
- Assist in cleaning and maintenance of the store or warehouse area

#### **Elements and Performance Criteria**

### Assist in receipt, storage & dispatch of material as per established procedures and standards

To be competent, the user/individual on the job must be able to:

- PC1. assist in receiving and inspecting all incoming goods, as per quality & quantity specifications
- **PC2.** assist in preparing the goods for storage or distribution as per workplace procedures
- **PC3.** assist in loading, unloading, and packaging of the goods
- **PC4.** assist in coordinating the dispatch of good to concerned department internally, ensuring they are duly packaged and labelled/tagged
- **PC5.** assist in dispatch of the rejected goods to the vendor, ensuring they are duly packaged and labelled

### Assist in managing the inventory and stock of store or warehouse

To be competent, the user/individual on the job must be able to:

- **PC6.** assist in monitoring the inventory levels and ensuring that all items are properly stored and accounted for
- **PC7.** assist in conducting regular stock checks, reconciling inventory records, identifying discrepancies or potential shortages
- **PC8.** assist in maintaining accurate records of all inventory transactions, including receipts, storage, and dispatch
- **PC9.** assist in ensuring that all orders are processed accurately and in timely manner

#### Assist in cleaning and maintenance of the store or warehouse area

To be competent, the user/individual on the job must be able to:

- **PC10.** assist in ensuring that all storage areas are kept clean, organized, and free from hazards
- **PC11.** assist in maintenance of all the equipment and machinery used in the store or warehouse are in good working order
- **PC12.** dispose of unwanted materials based on waste disposal procedures.
- **PC13.** take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents









### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** quality control processes and procedures in storekeeping, including inspection techniques and documentation.
- **KU9.** different types of storage considerations based on type of goods and requirements of workplace
- **KU10.** proper loading, unloading, and packaging techniques for woodworking goods.
- **KU11.** workplace safety practices and regulations related to loading, unloading, and packaging operations.
- **KU12.** internal departmental coordination processes for dispatching goods.
- **KU13.** packaging and labelling/tagging requirements for woodworking goods in a storehouse.
- **KU14.** the processes and procedures for dispatching rejected goods to vendors.
- **KU15.** packaging and labelling requirements for rejected goods.
- **KU16.** inventory management principles and practices, including stock monitoring and storage procedures.
- **KU17.** stocktaking methods and techniques, including conducting physical counts and using inventory management systems.
- **KU18.** how to record inventory transactions and maintain requisite documentation.
- **KU19.** order processing procedures, including order verification, documentation, and communication with relevant departments or personnel.
- **KU20.** the basis principles associated with cleaning, organizing, and maintaining hazard-free storage areas
- **KU21.** the operating usage and basic maintenance of tools, equipment and machinery maintenance in a furniture store/warehouse
- **KU22.** the waste disposal procedures applicable to the furniture store/warehouse, and the importance of proper waste management.
- **KU23.** the environmental and safety regulations associated with waste proposal at the worksite
- **KU24.** the significance of incorporating inputs and feedback from the supervisor and maintaining relevant documents in the storehouse
- **KU25.** how to prepare effective notes and job work documentation









### **Generic Skills (GS)**

User/individual on the job needs to know how to:

- **GS1.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization
- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame
- **GS10.** build and maintain positive and effective relationships with clients









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in receipt, storage & dispatch of material as per established procedures and standards	6	20	10	2
<b>PC1.</b> assist in receiving and inspecting all incoming goods, as per quality & quantity specifications	2	4	4	1
<b>PC2.</b> assist in preparing the goods for storage or distribution as per workplace procedures	-	4	4	-
<b>PC3.</b> assist in loading, unloading, and packaging of the goods	2	4	-	-
<b>PC4.</b> assist in coordinating the dispatch of good to concerned department internally, ensuring they are duly packaged and labelled/tagged	2	4	-	-
<b>PC5.</b> assist in dispatch of the rejected goods to the vendor, ensuring they are duly packaged and labelled	-	4	2	1
Assist in managing the inventory and stock of store or warehouse	4	16	12	1
<b>PC6.</b> assist in monitoring the inventory levels and ensuring that all items are properly stored and accounted for	-	4	-	-
<b>PC7.</b> assist in conducting regular stock checks, reconciling inventory records, identifying discrepancies or potential shortages	2	4	4	1
<b>PC8.</b> assist in maintaining accurate records of all inventory transactions, including receipts, storage, and dispatch	2	4	4	-
<b>PC9.</b> assist in ensuring that all orders are processed accurately and in timely manner	-	4	4	-
Assist in cleaning and maintenance of the store or warehouse area	6	12	8	3
<b>PC10.</b> assist in ensuring that all storage areas are kept clean, organized, and free from hazards	2	4	2	1









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> assist in maintenance of all the equipment and machinery used in the store or warehouse are in good working order	2	4	4	1
<b>PC12.</b> dispose of unwanted materials based on waste disposal procedures.	2	2	-	1
<b>PC13.</b> take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents	-	2	2	-
NOS Total	16	48	30	6









# **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0904
NOS Name	Assist in operation of store or warehouse
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	5
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









# FFS/N0905: Assist in woodworking operations

### **Description**

This unit describes the performance outcomes required to assist in performing basic operations relating to woodworking

### Scope

The scope covers the following:

- Assist in preparing the work area for fabrication/installation
- Assist in woodworking, assembly & installation operations
- Assist in cleaning the work area and handover

#### **Elements and Performance Criteria**

#### Assist in preparing the work area for fabrication/installation

To be competent, the user/individual on the job must be able to:

- **PC1.** interpret task requirements from work docket/job card and supervisor's instructions to plan resources
- **PC2.** assist in selecting and organizing the required material, tools and equipment, architectural hardware, etc. including personal protective equipment
- **PC3.** assist in unpacking the materials/furniture parts delivered at the workplace as per the given instructions
- **PC4.** assist in setting up the work area appropriate to the required fabrication/installation operation
- **PC5.** install the wall and floor safety/protection material to prevent damage to the floor/walls/individuals
- **PC6.** ensure safety and proper functioning of the power socket for the usage of power tools before initiating work

#### Assist in woodworking, assembly & installation operations

To be competent, the user/individual on the job must be able to:

- **PC7.** interpret different product components required in the operation, as per design docket, product samples, etc.
- **PC8.** prepare accurate joints and intersections using appropriate hand and power tools according to workplace procedures
- **PC9.** perform edge banding on the edges of the parts to prepare the finished edges as per requirement
- **PC10.** assist in placing all the furniture parts and hardware appropriately based on requirements during the assembling of parts
- **PC11.** assist in performing furniture assembly and installation using specified hardware and fittings.
- **PC12.** ensure the proper functioning of the hardware fittings, and make necessary adjustments.
- **PC13.** perform smoothing/sanding of product surface using an orbital sanding machine and abrasive papers.









- **PC14.** assist in preparing materials such as stains, finishes, polishes, waxes and fillers for application on parts/furniture
- **PC15.** assist in repairs and restoration of furniture by stripping old finishes, repairing damage, sanding, and refinishing etc.

#### Assist in cleaning the work area and handover

To be competent, the user/individual on the job must be able to:

- **PC16.** ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures
- **PC17.** dispose of unwanted materials based on waste disposal procedures.
- **PC18.** assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per workplace procedures.
- **PC19.** take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** how to interpret task requirements from work dockets/job cards and supervisor's instructions, including the identification of necessary resources based on product fabrication details.
- **KU9.** the different types of materials, tools, equipment, and architectural hardware used in woodworking along with their safety considerations
- **KU10.** handling and safety procedures for unpacking materials and furniture parts in woodworking.
- **KU11.** the workplace setup requirements suitable to different furniture fabrication/installation processes
- **KU12.** different types of wall and floor safety/protection materials and their installation methods.
- **KU13.** electrical safety principles and practices related to power tool usage along with the associated safety hazards
- **KU14.** different parts of commonly used furniture types and their functionality
- **KU15.** how to interpret technical drawings, diagrams, or descriptions included in the design docket.
- **KU16.** different types of joints and intersections commonly used in the woodworking, such as butt joints, mitre joints, lap joints, or dovetail joints.









- **KU17.** edge banding techniques and materials used in woodworking, including the purpose, application, and limitations.
- **KU18.** different types of edge banding machines and equipment, their functions, and safe operating procedures.
- **KU19.** importance of proper placement of furniture parts and hardware during the assembly process in woodworking.
- **KU20.** furniture assembly techniques, including the use of hand and power tools, clamps, adhesives, and fasteners for proper joint construction and secure attachment.
- **KU21.** different types of hardware fittings used in woodworking, their components, and how they function within the furniture or woodworking project.
- **KU22.** the mechanisms and adjustments associated with hardware fittings, such as hinges, drawer slides, knobs, handles, and other fastening systems.
- **KU23.** different types of woodworking surfaces that require smoothing/sanding and the purpose of this process in achieving desired finish and texture.
- **KU24.** the orbital sanding machine, its components, controls, and safety guidelines for its operation.
- KU25. different types of abrasive papers available, such as grit sizes and material compositions
- **KU26.** different types of stains, finishes, polishes, waxes, and fillers available in the woodworking industry, including their specific uses, advantages, and limitations.
- **KU27.** the process of furniture repair and restoration, including the steps involved in stripping old finishes, repairing damage, sanding, and refinishing.
- **KU28.** the importance of maintaining a clean work area and properly cleaning, maintaining, and storing hand and/or power tools and equipment in the furniture woodworking shop.
- **KU29.** the waste disposal procedures applicable to the furniture woodworking shop and the importance of proper waste management.
- **KU30.** the environmental and safety regulations associated with waste proposal at the worksite
- **KU31.** the packaging, storage, tagging, and workflow procedures followed in the furniture woodworking shop.
- **KU32.** the significance of incorporating inputs and feedback from the supervisor and maintaining relevant documents in the furniture woodworking shop.
- **KU33.** how to prepare effective notes and job work documentation

#### **Generic Skills (GS)**

User/individual on the job needs to know how to:

- **GS1.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization
- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation









- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame
- **GS10.** build and maintain positive and effective relationships with clients









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in preparing the work area for fabrication/installation	4	16	6	1
<b>PC1.</b> interpret task requirements from work docket/job card and supervisor's instructions to plan resources	-	2	1	-
<b>PC2.</b> assist in selecting and organizing the required material, tools and equipment, architectural hardware, etc. including personal protective equipment	1	4	2	1
<b>PC3.</b> assist in unpacking the materials/furniture parts delivered at the workplace as per the given instructions	1	2	-	-
<b>PC4.</b> assist in setting up the work area appropriate to the required fabrication/installation operation	-	2	1	-
<b>PC5.</b> install the wall and floor safety/protection material to prevent damage to the floor/walls/individuals	1	4	2	-
<b>PC6.</b> ensure safety and proper functioning of the power socket for the usage of power tools before initiating work	1	2	-	-
Assist in woodworking, assembly & installation operations	7	28	18	3
<b>PC7.</b> interpret different product components required in the operation, as per design docket, product samples, etc.	1	2	2	-
<b>PC8.</b> prepare accurate joints and intersections using appropriate hand and power tools according to workplace procedures	1	4	2	-
<b>PC9.</b> perform edge banding on the edges of the parts to prepare the finished edges as per requirement	-	2	2	-
<b>PC10.</b> assist in placing all the furniture parts and hardware appropriately based on requirements during the assembling of parts	1	-	2	-









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> assist in performing furniture assembly and installation using specified hardware and fittings.	1	4	2	-
<b>PC12.</b> ensure the proper functioning of the hardware fittings, and make necessary adjustments.	1	4	2	1
<b>PC13.</b> perform smoothing/sanding of product surface using an orbital sanding machine and abrasive papers.	1	4	2	1
<b>PC14.</b> assist in preparing materials such as stains, finishes, polishes, waxes and fillers for application on parts/furniture	1	4	2	1
<b>PC15.</b> assist in repairs and restoration of furniture by stripping old finishes, repairing damage, sanding, and refinishing etc.	-	4	2	-
Assist in cleaning the work area and handover	2	10	3	2
<b>PC16.</b> ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures	1	4	1	1
<b>PC17.</b> dispose of unwanted materials based on waste disposal procedures.	1	2	-	1
<b>PC18.</b> assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per workplace procedures.	-	2	1	-
<b>PC19.</b> take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents	-	2	1	-
NOS Total	13	54	27	6









# **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0905
NOS Name	Assist in woodworking operations
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	5
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









## FFS/N0906: Assist in machine shop operations & general maintenance

### **Description**

This unit describes the performance outcomes required to assist in performing basic operations relating to machine operation

### Scope

The scope covers the following:

- Assist in preparing the work area for machine operation
- Assist in machine setup and pre-operative checks
- Assist in assembly and QC operations
- Assist in cleaning the work area and handover

#### **Elements and Performance Criteria**

#### Assist in preparing the work area for machine operation

To be competent, the user/individual on the job must be able to:

- **PC1.** interpret task requirements from work docket/job card, and supervisor's instructions to plan resources
- **PC2.** assist in arranging the pre-requisites (like panels, edge bands, templates, hardware fittings, etc.) required to perform the machine operation, including personal protective equipment
- **PC3.** assist in stacking and maintaining of templates, panels, off cuts and other materials at the machine workshop

#### Assist in machine setup and pre-operative checks

To be competent, the user/individual on the job must be able to:

- **PC4.** assist in setting up machine tools (like blades, bits, edge bands, adhesives, cutters, etc.) for precision, set, operation, and safety during machine operation
- **PC5.** assist in performing basic pre-operative checks as per instructions manual
- **PC6.** interpret different product components required for operations
- **PC7.** assist in material handling while performing machine operation
- **PC8.** assist in other machine operations as per supervisor's instructions

#### Assist in assembly and QC operations

To be competent, the user/individual on the job must be able to:

- **PC9.** assist in furniture assembly using specified architectural hardware and fittings, tools and equipment
- **PC10.** assist in performing quality check operations and making adjustments

#### Assist in cleaning the work area and handover

To be competent, the user/individual on the job must be able to:

**PC11.** assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per workplace procedures.









- **PC12.** ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures
- **PC13.** dispose of unwanted materials based on waste disposal procedures.
- **PC14.** assist in performing machine maintenance, routine checks and repair operations
- **PC15.** take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents

## **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** how to interpret task requirements from work dockets/job cards and supervisor's instructions, including the identification of necessary resources based on product fabrication details.
- **KU9.** the pre-requisites required for furniture machine operations, including panels, edge bands, templates, hardware fittings, and personal protective equipment (PPE).
- **KU10.** the various staking and storage techniques associated with organizing and maintenance of material
- **KU11.** the importance of proper stacking and maintenance of templates, panels, off cuts, and other materials in the furniture machine workshop
- **KU12.** the setup procedures for machine tools used in furniture machine shop, including blades, bits, edge bands, adhesives, cutters, and other relevant tools.
- **KU13.** the importance of pre-operative checks in ensuring machine readiness, safety, and optimal performance in furniture workshop
- **KU14.** the pivotal factors associated with performing pre-requisite checks on the machines.
- **KU15.** the different product components used in the machine shop, including blades, bits, edge bands, adhesives, cutters, and other relevant tools
- **KU16.** how to perform part identification of a product requiring machine operation based on product drawing/samples
- **KU17.** the principles of safe material handling during machine operations, including proper lifting techniques, positioning, and securing of materials.
- **KU18.** the various machine operations involved in furniture machine shop involving operations like cutting, drilling, pasting, routing, etc.









- **KU19.** the safety precautions associated with different machines in the furniture machine shop
- **KU20.** the process of furniture assembly, including the use of specified architectural hardware and fittings, as well as the necessary tools and equipment.
- **KU21.** the concept of quality checks during furniture machine shop operation, including the identification of defects or discrepancies and the need for adjustments.
- **KU22.** the defined parameters and criteria for conducting quality checks in furniture machine shop
- **KU23.** the packaging, storage, tagging, and workflow procedures followed in the furniture machine shop.
- **KU24.** the importance of maintaining a clean work area and properly cleaning, maintaining, and storing hand and/or power tools and equipment in the furniture machine shop.
- **KU25.** the waste disposal procedures applicable to the furniture machine shop and the importance of proper waste management.
- **KU26.** the environmental and safety regulations associated with waste proposal at the worksite
- **KU27.** the basic steps involved in performing machine maintenance operation at regular intervals
- **KU28.** the importance of machine maintenance, routine checks, and repair operations in the furniture machine shop
- **KU29.** the significance of incorporating inputs and feedback from the supervisor and maintaining relevant documents in the furniture machine shop.
- **KU30.** how to prepare effective notes and job work documentation

#### **Generic Skills (GS)**

User/individual on the job needs to know how to:

- **GS1.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization
- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame
- **GS10.** build and maintain positive and effective relationships with clients









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in preparing the work area for machine operation	4	12	6	1
<b>PC1.</b> interpret task requirements from work docket/job card, and supervisor's instructions to plan resources	-	4	2	-
<b>PC2.</b> assist in arranging the pre-requisites (like panels, edge bands, templates, hardware fittings, etc.) required to perform the machine operation, including personal protective equipment	2	4	2	-
<b>PC3.</b> assist in stacking and maintaining of templates, panels, off cuts and other materials at the machine workshop	2	4	2	1
Assist in machine setup and pre-operative checks	10	12	6	2
<b>PC4.</b> assist in setting up machine tools (like blades, bits, edge bands, adhesives, cutters, etc.) for precision, set, operation, and safety during machine operation	2	2	2	1
<b>PC5.</b> assist in performing basic pre-operative checks as per instructions manual	2	4	2	1
<b>PC6.</b> interpret different product components required for operations	2	4	-	-
<b>PC7.</b> assist in material handling while performing machine operation	2	2	-	-
<b>PC8.</b> assist in other machine operations as per supervisor's instructions	2	-	2	-
Assist in assembly and QC operations	4	8	4	-
<b>PC9.</b> assist in furniture assembly using specified architectural hardware and fittings, tools and equipment	2	4	2	-
<b>PC10.</b> assist in performing quality check operations and making adjustments	2	4	2	-
Assist in cleaning the work area and handover	6	14	8	3









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per workplace procedures.	-	2	2	-
<b>PC12.</b> ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures	2	4	2	1
<b>PC13.</b> dispose of unwanted materials based on waste disposal procedures.	2	2	-	1
<b>PC14.</b> assist in performing machine maintenance, routine checks and repair operations	2	4	2	1
PC15. take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents	-	2	2	-
NOS Total	24	46	24	6









# **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0906
NOS Name	Assist in machine shop operations & general maintenance
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	6
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









## FFS/N0907: Assist in furniture finishing operations

#### **Description**

This unit describes the performance outcomes required to assist in performing basic operations relating to surface finishing

### Scope

The scope covers the following:

- Assist in preparing the work area for furniture finishing work
- Assist in performing pre-operation checks
- Assist in sanding & surface coating operation
- Assist in cleaning the work area and handover

#### **Elements and Performance Criteria**

#### Assist in preparing the work area for furniture finishing work

To be competent, the user/individual on the job must be able to:

- **PC1.** interpret task requirements from work docket/job card, and supervisor's instructions pertaining to finish, colour, design, etc. to plan resources
- **PC2.** assist in selecting required materials, tools, and equipment for surface finishing operation
- **PC3.** assist in performing a quality check of the furniture item/frame to meet the quality and quantity requirements for surface finishing operation.

#### Assist in performing pre-operation checks

To be competent, the user/individual on the job must be able to:

- **PC4.** interpret the finish process requirement based on the finishing matrix or product samples
- **PC5.** inspect for any wear and tear of furniture products for finishing work requirements.
- **PC6.** use correct application techniques to fill the identified area (cracks, holes, or joints) smoothly and evenly.

#### Assist in sanding & surface coating operation

To be competent, the user/individual on the job must be able to:

- **PC7.** identify and select appropriate sanding paper grades based on job work requirements.
- **PC8.** perform smoothing/sanding of product surface using appropriate sanding paper, or hand tools, power tools, or equipment
- **PC9.** apply industry-standard coatings using brushes, and spray guns
- **PC10.** assist in quality check of the products/parts

#### Assist in cleaning the work area and handover

To be competent, the user/individual on the job must be able to:

- **PC11.** assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per the workplace procedures.
- **PC12.** ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures









- **PC13.** dispose of unwanted materials based on waste disposal procedures.
- **PC14.** take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** how to interpret task requirements from work dockets/job cards and supervisor's instructions, including the identification of necessary resources like finish, color, design, etc., based on product finishing details.
- **KU9.** the types of materials, tools, and equipment required for finishing operations in a furniture finishing shop and the criteria for selecting them appropriately.
- **KU10.** the importance of performing a quality check of the furniture item/frame in furniture finishing shop.
- **KU11.** the basics of quality inspection methods and technique used for quality checking in furniture finishing shop
- **KU12.** the basics of finishing matrix and its purpose in furniture finishing operations.
- **KU13.** the different types of finish processes and their characteristics.
- **KU14.** common types of wear and tear in furniture products and associated inspection methods and techniques for identifying them.
- **KU15.** the different types of fillers and their properties.
- **KU16.** the appropriate application techniques for filling areas such as cracks, holes, or joints in furniture finishing, and the importance of achieving a smooth and even finish.
- **KU17.** the different sanding paper grades and their corresponding abrasiveness levels.
- **KU18.** the techniques and methods used to perform smoothing/sanding of product surfaces, including the proper use of sanding paper, hand tools, power tools, or equipment in furniture finishing.
- **KU19.** the types of industry-standard coatings used in furniture finishing, their application methods
- **KU20.** the basics of usage techniques associated with different brushes and spray guns in coating application.
- **KU21.** the concept of quality checks during furniture finishing operation, including the identification of defects or discrepancies and the need for adjustments.









- **KU22.** the importance of quality checks in furniture finishing, including the criteria and standards used to evaluate the finished products/parts.
- **KU23.** the packaging, storage, tagging, and workflow procedures followed in the furniture finishing shop.
- **KU24.** the importance of maintaining a clean work area and properly cleaning, maintaining, and storing hand and/or power tools and equipment in the furniture finishing shop.
- **KU25.** the waste disposal procedures applicable to the furniture finishing shop and the importance of proper waste management.
- **KU26.** the environmental and safety regulations associated with waste proposal at the worksite
- **KU27.** the significance of incorporating inputs and feedback from the supervisor and maintaining relevant documents in the furniture finishing shop.
- **KU28.** how to prepare effective notes and job work documentation

#### **Generic Skills (GS)**

User/individual on the job needs to know how to:

- **GS1.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization
- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame
- **GS10.** build and maintain positive and effective relationships with clients









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in preparing the work area for furniture finishing work	4	12	6	2
<b>PC1.</b> interpret task requirements from work docket/job card, and supervisor's instructions pertaining to finish, colour, design, etc. to plan resources	-	4	2	-
<b>PC2.</b> assist in selecting required materials, tools, and equipment for surface finishing operation	2	4	2	1
<b>PC3.</b> assist in performing a quality check of the furniture item/frame to meet the quality and quantity requirements for surface finishing operation.	2	4	2	1
Assist in performing pre-operation checks	6	8	6	1
<b>PC4.</b> interpret the finish process requirement based on the finishing matrix or product samples	2	-	2	-
<b>PC5.</b> inspect for any wear and tear of furniture products for finishing work requirements.	2	4	2	1
<b>PC6.</b> use correct application techniques to fill the identified area (cracks, holes, or joints) smoothly and evenly.	2	4	2	-
Assist in sanding & surface coating operation	6	16	8	1
<b>PC7.</b> identify and select appropriate sanding paper grades based on job work requirements.	2	4	2	1
<b>PC8.</b> perform smoothing/sanding of product surface using appropriate sanding paper, or hand tools, power tools, or equipment	2	4	2	-
<b>PC9.</b> apply industry-standard coatings using brushes, and spray guns	-	4	2	-
PC10. assist in quality check of the products/parts	2	4	2	-
Assist in cleaning the work area and handover	4	12	6	2









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per the workplace procedures.	-	2	2	-
<b>PC12.</b> ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures	2	4	2	1
<b>PC13.</b> dispose of unwanted materials based on waste disposal procedures.	2	4	-	1
<b>PC14.</b> take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents	-	2	2	-
NOS Total	20	48	26	6









# **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0907
NOS Name	Assist in furniture finishing operations
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	5
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









## FFS/N0908: Assist in upholstery operations

### **Description**

This unit describes the performance outcomes required to assist in performing basic operations relating to upholstery

### Scope

The scope covers the following:

- Assist in preparing the work area for upholstery work
- Assist in performing basic upholstery operations
- Assist in cleaning the work area and handover

#### **Elements and Performance Criteria**

#### Assist in preparing the work area for upholstery work

To be competent, the user/individual on the job must be able to:

- **PC1.** interpret task requirements from work docket/job card, and supervisor's instructions pertaining to design, fabrics, foam, accessories, etc. to plan resources
- **PC2.** assist in selecting and inspecting shears, cutting devices, knives, or blades for precision, set, operation, and safety.
- **PC3.** assist in performing a quality check of the raw frames/product parts/furniture item etc. to meet quidelines

#### Assist in performing basic upholstery operations

To be competent, the user/individual on the job must be able to:

- **PC4.** interpret the individual parts of the upholstered frames to determine upholstered areas based on product drawings/ samples.
- **PC5.** measure the upholstered frames in conformity with drawing/sample specifications, product specifications, etc.
- **PC6.** assist in webbing using the appropriate hand or power tools, etc.
- **PC7.** assist in foam cutting using the appropriate hand or power tools, etc.
- **PC8.** assist in fabric/leather fitting using the appropriate hand or power tools, etc.
- **PC9.** inspect for any defects/marks on the surface of the finished upholstered parts/furniture
- **PC10.** perform the measurement, marking, stacking, and storing of raw materials after upholstery operations and fill in the details in the storage database.

#### Assist in cleaning the work area and handover

To be competent, the user/individual on the job must be able to:

- **PC11.** assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per workplace procedures.
- **PC12.** ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures
- **PC13.** perform cleaning of the finished product thoroughly before handover.









- **PC14.** dispose of unwanted materials based on waste disposal procedures.
- **PC15.** take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** how to interpret task requirements from work dockets/job cards and supervisor's instructions, including the identification of necessary resources based on product upholstery details.
- **KU9.** the different types of shears, cutting devices, knives, or blades used in furniture upholstery.
- **KU10.** the selection criteria for shears, cutting devices, knives, or blades used in furniture upholstery, including considerations for precision, set, operation, and safety.
- **KU11.** the quality guidelines and standards for maintaining the quality of raw frames/products for furniture upholstery operations.
- **KU12.** common defects and imperfections may occur in raw frames, product parts, or furniture items.
- **KU13.** the basics of product drawings and samples used in furniture upholstery.
- **KU14.** the various upholstery techniques and materials used for different areas of upholstered frames.
- **KU15.** the significance of measuring upholstered frames to ensure conformity with drawing/sample specifications, product specifications, etc., in furniture upholstery.
- **KU16.** the measurement techniques and tools used in furniture upholstery.
- **KU17.** the basics of hand and power tools used for webbing process.
- **KU18.** different webbing materials and their applications in upholstery.
- **KU19.** the purpose and techniques of webbing in furniture upholstery using appropriate hand or power tools.
- **KU20.** the basics of hand and power tools used for foam cutting.
- **KU21.** different foam materials and their applications in upholstery.
- **KU22.** the process of foam cutting in furniture upholstery using appropriate hand or power tools.
- **KU23.** the basics of hand and power tools used for fabric/leather fitting
- **KU24.** different fabric/leather materials and their applications in upholstery.









- **KU25.** the process of fabric/leather fitting in furniture upholstery using appropriate hand or power tools.
- **KU26.** the common defects and marks that can occur during upholstery.
- **KU27.** the importance of inspecting upholstered parts/furniture for defects and marks to ensure quality in furniture upholstery.
- **KU28.** the importance of measuring, marking, stacking, and storing materials, adhering to upholstery processes and maintaining appropriate records in the database
- **KU29.** the packaging, storage, tagging, and workflow procedures followed in the furniture upholstery shop.
- **KU30.** the importance of maintaining a clean work area and properly cleaning, maintaining, and storing hand and/or power tools and equipment in the furniture upholstery shop.
- **KU31.** the importance of thorough cleaning of the finished product to ensure its cleanliness and presentability before handover in furniture upholstery shop
- **KU32.** the waste disposal procedures applicable to the furniture upholstery shop and the importance of proper waste management.
- **KU33.** the environmental and safety regulations associated with waste proposal at the worksite
- **KU34.** the significance of incorporating inputs and feedback from the supervisor and maintaining relevant documents in the furniture upholstery shop.
- **KU35.** how to prepare effective notes and job work documentation

### **Generic Skills (GS)**

User/individual on the job needs to know how to:

- **GS1.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization
- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame
- **GS10.** build and maintain positive and effective relationships with clients









### **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in preparing the work area for upholstery work	4	10	6	1
<b>PC1.</b> interpret task requirements from work docket/job card, and supervisor's instructions pertaining to design, fabrics, foam, accessories, etc. to plan resources	-	4	2	-
<b>PC2.</b> assist in selecting and inspecting shears, cutting devices, knives, or blades for precision, set, operation, and safety.	2	2	2	1
<b>PC3.</b> assist in performing a quality check of the raw frames/product parts/furniture item etc. to meet guidelines	2	4	2	-
Assist in performing basic upholstery operations	14	22	14	3
<b>PC4.</b> interpret the individual parts of the upholstered frames to determine upholstered areas based on product drawings/ samples.	2	-	2	-
<b>PC5.</b> measure the upholstered frames in conformity with drawing/sample specifications, product specifications, etc.	2	4	2	1
<b>PC6.</b> assist in webbing using the appropriate hand or power tools, etc.	2	4	2	-
<b>PC7.</b> assist in foam cutting using the appropriate hand or power tools, etc.	2	4	2	-
<b>PC8.</b> assist in fabric/leather fitting using the appropriate hand or power tools, etc.	2	4	2	-
<b>PC9.</b> inspect for any defects/marks on the surface of the finished upholstered parts/furniture	2	4	2	1
<b>PC10.</b> perform the measurement, marking, stacking, and storing of raw materials after upholstery operations and fill in the details in the storage database.	2	2	2	1
Assist in cleaning the work area and handover	6	14	4	2









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per workplace procedures.	-	4	-	-
<b>PC12.</b> ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures	2	4	2	1
<b>PC13.</b> perform cleaning of the finished product thoroughly before handover.	2	2	-	-
<b>PC14.</b> dispose of unwanted materials based on waste disposal procedures.	2	2	-	1
PC15. take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents	-	2	2	-
NOS Total	24	46	24	6









# **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0908
NOS Name	Assist in upholstery operations
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	5
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









# FFS/N0909: Assist in furniture packaging operations

### **Description**

This unit describes the performance outcomes required to assist in performing basic operations relating to packaging

### Scope

The scope covers the following:

- Assist in preparing the work area for packaging
- Assist in packaging and quality check operations
- Assist in cleaning the work area and handover

#### **Elements and Performance Criteria**

#### Assist in preparing the work area for packaging

To be competent, the user/individual on the job must be able to:

- **PC1.** interpret task requirements from work docket/job card and supervisor's instructions pertaining to product packaging, transportation, and installation, to plan resources
- **PC2.** perform safe lifting and handling of product parts from different departments in designated packaging bay.
- **PC3.** assist in performing a quality check of the finished furniture item/product to meet the quality according to workplace procedures

#### Assist in packaging and quality check operations

To be competent, the user/individual on the job must be able to:

- **PC4.** assist in dismantling/reassembly of furniture pieces based on packaging requirements.
- **PC5.** assist in measuring products/parts, identifying different sizes, etc. to compute packaging material requirements.
- **PC6.** assist in arranging product parts based on the cutting list for packaging.
- **PC7.** assist in packaging and wrapping furniture items, using hand tools, power tools or machines, in accordance with workplace procedures
- **PC8.** assign proper signages, such as fragile/valuable items, safety/warning signs, handling & assembly instructions, etc.
- **PC9.** ensure that the boxes are sealed, labelled, and transported in accordance with workplace procedures.

#### Assist in cleaning the work area and handover

To be competent, the user/individual on the job must be able to:

- **PC10.** assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per workplace procedures.
- **PC11.** ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures
- **PC12.** perform cleaning of the finished product thoroughly before handover.
- **PC13.** dispose of unwanted materials based on waste disposal procedures.









**PC14.** take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents

### **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** how to interpret task requirements from work dockets/job cards and supervisor's instructions, including the identification of necessary resources based on product packaging details.
- **KU9.** the principles of safe lifting and handling techniques for different product parts.
- **KU10.** potential hazards and risks associated with manual handling.
- **KU11.** the quality standards and procedures for performing a quality check on finished furniture items/products.
- **KU12.** the process and requirements for dismantling and reassembling furniture pieces for packaging.
- **KU13.** common tools and equipment used for furniture dismantling/reassembly.
- **KU14.** the importance of accurate measurements and identification of different sizes for computing packaging material requirements.
- **KU15.** packaging material types and their respective requirements.
- **KU16.** the cutting list and its significance in furniture packaging.
- **KU17.** the importance of organizing product parts based on a cutting list for efficient packaging.
- **KU18.** the packaging techniques and procedures using hand tools, power tools, or machines.
- **KU19.** common types of signages used in furniture packaging, including fragile/valuable items, safety/warning signs, handling & assembly instructions, etc.
- **KU20.** regulatory guidelines and industry standards related to signages and labelling requirements in furniture packaging.
- **KU21.** the procedures and guidelines for sealing, labelling, and transporting boxes in accordance with workplace procedures.
- **KU22.** the packaging, storage, tagging, and workflow procedures followed in the furniture packaging shop.
- **KU23.** the importance of maintaining a clean work area and properly cleaning, maintaining, and storing hand and/or power tools and equipment in the furniture packaging shop.









- **KU24.** the importance of thorough cleaning of the finished product to ensure its cleanliness and presentability before handover in furniture packaging shop.
- **KU25.** the waste disposal procedures applicable to the furniture packaging shop and the importance of proper waste management.
- **KU26.** the environmental and safety regulations associated with waste proposal at the worksite
- **KU27.** the significance of incorporating inputs and feedback from the supervisor and maintaining relevant documents in the furniture packaging shop.
- **KU28.** how to prepare effective notes and job work documentation

### **Generic Skills (GS)**

User/individual on the job needs to know how to:

- **GS1.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization
- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame
- **GS10.** build and maintain positive and effective relationships with clients









# **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in preparing the work area for packaging	6	12	6	1
<b>PC1.</b> interpret task requirements from work docket/job card and supervisor's instructions pertaining to product packaging, transportation, and installation, to plan resources	2	4	2	-
<b>PC2.</b> perform safe lifting and handling of product parts from different departments in designated packaging bay.	2	4	2	-
<b>PC3.</b> assist in performing a quality check of the finished furniture item/product to meet the quality according to workplace procedures	2	4	2	1
Assist in packaging and quality check operations	8	22	8	2
<b>PC4.</b> assist in dismantling/reassembly of furniture pieces based on packaging requirements.	-	4	2	-
<b>PC5.</b> assist in measuring products/parts, identifying different sizes, etc. to compute packaging material requirements.	2	4	2	1
<b>PC6.</b> assist in arranging product parts based on the cutting list for packaging.	-	4	-	-
<b>PC7.</b> assist in packaging and wrapping furniture items, using hand tools, power tools or machines, in accordance with workplace procedures	2	4	2	-
PC8. assign proper signages, such as fragile/valuable items, safety/warning signs, handling & assembly instructions, etc.	2	4	-	1
<b>PC9.</b> ensure that the boxes are sealed, labelled, and transported in accordance with workplace procedures.	2	2	2	-
Assist in cleaning the work area and handover	8	16	8	3
<b>PC10.</b> assist in ensuring the job work gets packaged/stored/tagged and sent to the next phase per workplace procedures.	2	4	2	-









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures	2	4	2	1
<b>PC12.</b> perform cleaning of the finished product thoroughly before handover.	2	-	2	1
<b>PC13.</b> dispose of unwanted materials based on waste disposal procedures.	2	4	-	1
<b>PC14.</b> take note of inputs/feedback from the supervisor to incorporate and maintain the requisite documents	-	4	2	-
NOS Total	22	50	22	6









# **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0909
NOS Name	Assist in furniture packaging operations
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	5
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023









# FFS/N0910: Assist in installation operations for furniture, fixtures & fittings

## **Description**

This unit describes the performance outcomes required to assist in performing basic operations relating to installation

## Scope

The scope covers the following:

- Assist in preparing the worksite for installation
- Assist in assembly & installation of furniture, fixtures & fittings
- Assist in cleaning the work site and handover

#### **Elements and Performance Criteria**

### Assist in preparing the worksite for installation

To be competent, the user/individual on the job must be able to:

- **PC1.** interpret task requirements from work docket/job card and supervisor's instructions pertaining to product assembly & installation to plan resources
- **PC2.** assist in identifying the piece/s of furniture that needs to be installed, including the name, model number, and any other relevant information.
- **PC3.** assist in selecting and organizing the tools and materials required for the installation, including any special equipment or hardware that may be necessary, and personal protective equipment
- **PC4.** assist in loading, unloading, material movement, unpacking the materials/furniture parts/furniture/other products as per given instructions
- **PC5.** assist in setting up the work area appropriate to the installation requirement
- **PC6.** install the wall and floor safety/protection material to prevent damage to the floor/walls/individuals
- **PC7.** ensure safety and proper functioning of the power socket for the usage of power tools before initiating work

#### Assist in assembly & installation of furniture, fixtures & fittings

To be competent, the user/individual on the job must be able to:

- PC8. align different product components & hardwares based on assembly sequence
- **PC9.** assist in making cut-outs for electrical outlets, plumbing points, and other arrangements.
- **PC10.** assist in assembling the various components of the furniture
- **PC11.** assist in installation of the architectural hardwares & fittings
- **PC12.** assist in installation of different types of Doors & Windows, aluminium, UPVC, etc.
- **PC13.** assist in installation of different types of floorings, etc.
- **PC14.** assist in installation of the fixtures
- **PC15.** assist in installing and fixing the assembled parts/furniture at the designated place









- **PC16.** assist in testing the furniture & fittings if it is installed properly and functioning properly, make necessary adjustments if required
- **PC17.** inspect and mark defects, if any, such as gaps, scratches, loose parts, etc. on the installed furniture.

#### Assist in cleaning the work site and handover

To be competent, the user/individual on the job must be able to:

- PC18. ensure timely completion of the assigned task
- **PC19.** ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures
- **PC20.** assist in cleaning and covering the finished product, if required, thoroughly before handover
- **PC21.** dispose of unwanted materials based on waste disposal procedures.
- **PC22.** take note of inputs/feedback from the supervisor/client to incorporate and maintain the requisite documents

## **Knowledge and Understanding (KU)**

The individual on the job needs to know and understand:

- **KU1.** the organization structure, its purpose, and objective, various departments, hierarchy, reporting matrix, code of conduct, etc
- **KU2.** the products and services provided by the company to clients and its quality standards
- **KU3.** the Key Result Areas (KRA) and its importance in the employee performance and growth
- **KU4.** different types of personal protective equipment such as gloves, goggles, masks, etc. and their uses
- **KU5.** common hazards in the worksite and relevant safety and security procedures/manuals to be followed
- **KU6.** the procedures for conducting visual checks required during the various stages of operations and their importance
- **KU7.** the importance of reporting relevant information to the appropriate authority
- **KU8.** how to interpret task requirements from work dockets/job cards and supervisor's instructions, including the identification of necessary resources based on product assembly and installation details.
- **KU9.** different types of furniture and their identification attributes such as name, model number, and relevant information.
- **KU10.** the various tools, materials, special equipment, hardware, and personal protective equipment commonly used in furniture installation.
- **KU11.** the principles and procedures for safe loading, unloading, and material movement in the context of furniture installation.
- **KU12.** the safety precautions associated with the unpacking of materials/furniture
- **KU13.** the setup requirements for different furniture products, such as beds, wardrobes, kitchen cabinets, etc., including space considerations, tools, and equipment needed for installation.
- **KU14.** the importance of wall and floor safety/protection during furniture installation to prevent damage to surfaces and ensure a safe working environment.









- **KU15.** the various types of wall and floor safety/protection materials used during furniture installation
- **KU16.** the basics of power socket safety and the importance of ensuring its proper functioning before using power tools.
- **KU17.** the importance of following an assembly sequence in furniture installation to ensure proper alignment and functionality of the product.
- **KU18.** the purpose and techniques of making cut-outs for electrical outlets, plumbing points, and other arrangements.
- **KU19.** the various woodworking tools and equipment required for making cut-outs, including saws, drills, chisels, and routers, considering the specific material and type of cut-out required.
- **KU20.** the procedures and techniques for assembling different components of furniture using appropriate tools, materials, and equipment
- **KU21.** the usage of screws, nails, adhesives, or other fastening methods in furniture assembly by employing tools such as screwdrivers, hammers, or drills
- **KU22.** the types and installation methods of architectural hardware and fittings.
- **KU23.** the installation techniques and considerations for different types of doors and windows (e.g., aluminium, UPVC).
- **KU24.** the types and installation methods of different flooring materials.
- **KU25.** the purpose and installation methods of various types of fixtures on furniture.
- **KU26.** the process and requirements for installing and fixing furniture in different environments and settings.
- **KU27.** the methods and criteria for testing furniture and fittings for proper installation and functionality.
- **KU28.** the various types of testing devices used for checking proper alignment, balance, and the correct functioning of moving parts, hinges, locks, or other components.
- **KU29.** the criteria for inspecting and identifying defects on installed furniture.
- **KU30.** the various types of defects encountered during furniture installation and ways to rectify them
- **KU31.** the impact of timely completion of assigned tasks on work efficiency and output.
- **KU32.** the importance of maintaining a clean work area and properly cleaning, maintaining, and storing hand and/or power tools and equipment in the furniture furniture installation shop.
- **KU33.** the importance of thorough cleaning of the finished product to ensure its cleanliness and presentability before handover in furniture installation shop
- **KU34.** the waste disposal procedures applicable to the furniture installation shop, and the importance of proper waste management.
- **KU35.** the environmental and safety regulations associated with waste proposal at the worksite
- **KU36.** the significance of incorporating inputs and feedback from the supervisor and maintaining relevant documents in the furniture installation shop.
- **KU37.** how to prepare effective notes and job work documentation

#### **Generic Skills (GS)**

User/individual on the job needs to know how to:









- **GS1.** read company policy documents, information displayed at the worksite, job cards, etc.
- **GS2.** effectively communicate with team members and supervisors respectfully as per the protocol of the organization
- **GS3.** work constructively and collaboratively with others
- **GS4.** fill up documents about one's role at the worksite (involves attendance, daily work update, etc.)
- **GS5.** apply domain information/ knowledge and assess day to day tasks through experience and observation
- **GS6.** evaluate the complexity of the tasks to determine if any guidance is required from the supervisor
- **GS7.** interpret instructions related to the usage of machines and tools for fabrication, assembling, and installation of the various products
- **GS8.** use reasoning skills to make appropriate decisions and troubleshoot concerns related to own responsibilities
- **GS9.** plan and prioritize the tasks efficiently and accurately within the specified time frame
- **GS10.** build and maintain positive and effective relationships with clients









## **Assessment Criteria**

Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
Assist in preparing the worksite for installation	6	14	7	1
<b>PC1.</b> interpret task requirements from work docket/job card and supervisor's instructions pertaining to product assembly & installation to plan resources	-	2	1	-
<b>PC2.</b> assist in identifying the piece/s of furniture that needs to be installed, including the name, model number, and any other relevant information.	-	2	1	-
<b>PC3.</b> assist in selecting and organizing the tools and materials required for the installation, including any special equipment or hardware that may be necessary, and personal protective equipment	2	2	1	1
<b>PC4.</b> assist in loading, unloading, material movement, unpacking the materials/furniture parts/furniture/other products as per given instructions	-	2	1	-
<b>PC5.</b> assist in setting up the work area appropriate to the installation requirement	2	2	1	-
<b>PC6.</b> install the wall and floor safety/protection material to prevent damage to the floor/walls/individuals	-	2	2	-
<b>PC7.</b> ensure safety and proper functioning of the power socket for the usage of power tools before initiating work	2	2	-	-
Assist in assembly & installation of furniture, fixtures & fittings	14	20	16	3
PC8. align different product components & hardwares based on assembly sequence	-	2	-	-
<b>PC9.</b> assist in making cut-outs for electrical outlets, plumbing points, and other arrangements.	-	2	2	-
<b>PC10.</b> assist in assembling the various components of the furniture	2	2	2	-









Assessment Criteria for Outcomes	Theory Marks	Practical Marks	Project Marks	Viva Marks
<b>PC11.</b> assist in installation of the architectural hardwares & fittings	2	2	2	1
<b>PC12.</b> assist in installation of different types of Doors & Windows, aluminium, UPVC, etc.	2	2	2	-
<b>PC13.</b> assist in installation of different types of floorings, etc.	2	2	2	1
PC14. assist in installation of the fixtures	2	2	2	-
<b>PC15.</b> assist in installing and fixing the assembled parts/furniture at the designated place	2	2	2	-
<b>PC16.</b> assist in testing the furniture & fittings if it is installed properly and functioning properly, make necessary adjustments if required	-	2	2	-
<b>PC17.</b> inspect and mark defects, if any, such as gaps, scratches, loose parts, etc. on the installed furniture.	2	2	-	1
Assist in cleaning the work site and handover	6	8	3	2
<b>PC18.</b> ensure timely completion of the assigned task	-	2	1	-
<b>PC19.</b> ensure that the work area is cleaned, hand and/or power tools and equipment are cleaned, maintained and stored in accordance with workplace procedures	2	2	-	1
<b>PC20.</b> assist in cleaning and covering the finished product, if required, thoroughly before handover	2	-	1	-
<b>PC21.</b> dispose of unwanted materials based on waste disposal procedures.	2	2	-	1
<b>PC22.</b> take note of inputs/feedback from the supervisor/client to incorporate and maintain the requisite documents	-	2	1	-
NOS Total	26	42	26	6









## **National Occupational Standards (NOS) Parameters**

NOS Code	FFS/N0910
NOS Name	Assist in installation operations for furniture, fixtures & fittings
Sector	Furniture & Fittings
Sub-Sector	Furniture Design & Production
Occupation	Furniture Production (Work Shop)
NSQF Level	3
Credits	6
Version	1.0
Last Reviewed Date	31/08/2023
Next Review Date	31/08/2026
NSQC Clearance Date	31/08/2023

# Assessment Guidelines and Assessment Weightage

#### **Assessment Guidelines**

- 1. Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Element/ Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down the proportion of marks for Theory and Skills Practical for each Element/ PC.
- 2. The assessment for the theory part will be based on a knowledge bank of questions created by the SSC.
- 3. Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
- 4. Individual assessment agencies will create unique question papers for the theory part for each candidate at each examination/training center (as per assessment criteria below).
- 5. Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/ training center based on these criteria.
- 6. To pass the Qualification Pack assessment, every trainee should score a minimum aggregate passing percentage of 70% for the QP and a minimum of 70% for each NOS.
- 7. In case of unsuccessful completion, the trainee may seek reassessment on the Qualification Pack.









Minimum Aggregate Passing % at QP Level: 70

(**Please note**: Every Trainee should score a minimum aggregate passing percentage as specified above, to successfully clear the Qualification Pack assessment.)

Minimum Passing % at NOS Level: 50

(**Please note**: A Trainee must score the minimum percentage for each NOS separately as well as on the QP as a whole.)

## **Assessment Weightage**

Compulsory NOS

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
FFS/N0901.Assist in interpreting work dockets, and recce of work area/work site	18	44	32	6	100	20
FFS/N0902.Assist in compiling list of the required materials, tools and equipment, and arranging it.	13	52	30	5	100	20
FFS/N0903.Assist in the setting up the work area as per required operation and managing it	14	56	26	4	100	25
FFS/N8201.Follow health, safety, and greening practices at the worksite	35	40	20	5	100	5
DGT/VSQ/N0101.Employability Skills (30 Hours)	20	30	-	-	50	5
Total	100	222	108	20	450	75

Elective: 1 Storekeeping & Warehousing









National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
FFS/N0904.Assist in operation of store or warehouse	16	48	30	6	100	25
Total	16	48	30	6	100	25

Elective: 2 Wood Workshop

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
FFS/N0905.Assist in woodworking operations	13	54	27	6	100	25
Total	13	54	27	6	100	25

Elective: 3 Machine Shop

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
FFS/N0906.Assist in machine shop operations & general maintenance	24	46	24	6	100	25
Total	24	46	24	6	100	25

Elective: 4 Surface Finishing









National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
FFS/N0907.Assist in furniture finishing operations	20	48	26	6	100	25
Total	20	48	26	6	100	25

Elective: 5 Upholstery

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
FFS/N0908.Assist in upholstery operations	24	46	24	6	100	25
Total	24	46	24	6	100	25

Elective: 6 Packaging

National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
FFS/N0909.Assist in furniture packaging operations	22	50	22	6	100	25
Total	22	50	22	6	100	25

Elective: 7 Installation









National Occupational Standards	Theory Marks	Practical Marks	Project Marks	Viva Marks	Total Marks	Weightage
FFS/N0910.Assist in installation operations for furniture, fixtures & fittings	26	42	26	6	100	25
Total	26	42	26	6	100	25









# **Acronyms**

NOS	National Occupational Standard(s)
NSQF	National Skills Qualifications Framework
QP	Qualifications Pack
TVET	Technical and Vocational Education and Training
NTC	National Training Certificate
NAC	National Apprenticeship Certificate
NA	Not Applicable
PwD	Person with Disability
QC	Quality Check
UPVC	Unplasticized Polyvinyl Chloride









# **Glossary**

Sector	Sector is a conglomeration of different business operations having similar business and interests. It may also be defined as a distinct subset of the economy whose components share similar characteristics and interests.
Sub-sector	Sub-sector is derived from a further breakdown based on the characteristics and interests of its components.
Occupation	Occupation is a set of job roles, which perform similar/ related set of functions in an industry.
Job role	Job role defines a unique set of functions that together form a unique employment opportunity in an organisation.
Occupational Standards (OS)	OS specify the standards of performance an individual must achieve when carrying out a function in the workplace, together with the Knowledge and Understanding (KU) they need to meet that standard consistently. Occupational Standards are applicable both in the Indian and global contexts.
Performance Criteria (PC)	Performance Criteria (PC) are statements that together specify the standard of performance required when carrying out a task.
National Occupational Standards (NOS)	NOS are occupational standards which apply uniquely in the Indian context.
Qualifications Pack (QP)	QP comprises the set of OS, together with the educational, training and other criteria required to perform a job role. A QP is assigned a unique qualifications pack code.
Unit Code	Unit code is a unique identifier for an Occupational Standard, which is denoted by an 'N'
Unit Title	Unit title gives a clear overall statement about what the incumbent should be able to do.
Description	Description gives a short summary of the unit content. This would be helpful to anyone searching on a database to verify that this is the appropriate OS they are looking for.
Scope	Scope is a set of statements specifying the range of variables that an individual may have to deal with in carrying out the function which have a critical impact on quality of performance required.









Knowledge and Understanding (KU)	Knowledge and Understanding (KU) are statements which together specify the technical, generic, professional and organisational specific knowledge that an individual needs in order to perform to the required standard.
Organisational Context	Organisational context includes the way the organisation is structured and how it operates, including the extent of operative knowledge managers have of their relevant areas of responsibility.
Technical Knowledge	Technical knowledge is the specific knowledge needed to accomplish specific designated responsibilities.
Core Skills/ Generic Skills (GS)	Core skills or Generic Skills (GS) are a group of skills that are the key to learning and working in today's world. These skills are typically needed in any work environment in today's world. These skills are typically needed in any work environment. In the context of the OS, these include communication related skills that are applicable to most job roles.
Electives	Electives are NOS/set of NOS that are identified by the sector as contributive to specialization in a job role. There may be multiple electives within a QP for each specialized job role. Trainees must select at least one elective for the successful completion of a QP with Electives.
Options	Options are NOS/set of NOS that are identified by the sector as additional skills. There may be multiple options within a QP. It is not mandatory to select any of the options to complete a QP with Options.