



TECHNICAL DESCRIPTION  
**Floristry**



world **skills**  
international

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WorldSkills International, by a resolution of the Technical Committee and in accordance with the Constitution, the Standing Orders and the Competition Rules, has adopted the following minimum requirements for this skill for the WorldSkills Competition.

The Technical Description consists of the following:

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Technical Committee Chair

## **1. INTRODUCTION**

### **1.1 Name and description of skill**

1.1.1 The name of the skill is [Floristry](#).

1.1.2 Description of skill

#### [The Florist:](#)

- [Creates and designs with flowers, foliage, plants and accessories considering the rules of theory concerning composition, colour, idea and technique.](#)
- [Deals with making bouquets, arrangements and other works of cut flowers and plants for everyday life as well as for festive occasions.](#)
- [Selects and takes adequate care of cut flowers, foliage, plants, containers, decorative accessories and wrapping material.](#)

### **1.2 Scope of application**

1.2.1 Every Expert and Competitor must know this Technical Description.

1.2.2 In the event of any conflict within the different languages of the Technical Descriptions, the English version takes precedence.

### **1.3 Associated documents**

1.3.1 As this Technical Description contains only skill-specific information it must be used in association with the following:

- WSI - Competition Rules
- WSI - Competition Manual
- WSI - Online resources as indicated in this document
- Host Country - Health and Safety regulations

## **2. COMPETENCY AND SCOPE OF WORK**

The Competition is a demonstration and assessment of the competencies associated with this skill. The Test Project consists of practical work only.

### **2.1 Competency specification**

#### **2.1.1 Basic works**

Knowledge and understanding the meaning of theoretical knowledge:

- [Competitor understands the theory concerning composition, colour, idea and technique](#)

Competitors shall be able to:

- [Create floral pieces according to theoretical knowledge.](#)
- [Choose adequate botanical materials, containers, decorative accessories and wrapping materials to finish and create floral works.](#)
- [Choose adequate and acceptable technique to finish each floral work.](#)

### Hand tied bouquet

Knowledge and understanding hand tied bouquet:

- Competitor understands the idea of a bouquet: a hand tied piece of work which is to be lifted from its container and again returned back to its container.

Competitors shall be able to:

- Make a bouquet with stems radial or parallel.

### Wreath

Knowledge and understanding wreath:

- Competitor understands the idea of a wreath: Wreath is a work with continuous ring. (The wreath will not be a wreath for funeral because of different cultural ways/habits in different continents.)

Competitors shall be able to:

- Make a wreath with a suitable technique, eg. floral foam, binding, water tubes, etc

### Bridal design

Knowledge and understanding bridal design:

- Understand the idea and importance of a bridal work.

Competitors shall be able to:

- Make a piece of work which is in harmony with the bride.
- Make a work which is useable/ wearable by the bride.
- Choose a technique which is suitable for bridal work: wire, tape, glue etc.
- Make a work which is not damaging the bride or the bridal dress at any way.

### Arrangement of Cut flowers

Knowledge and understanding arrangement of cut flowers

- Understand the idea of an arrangement with cut flowers.

Competitors shall be able to:

- Create an arrangement by using a suitable technique: floral foam, binding materials together, water tubes etc.

### Care of materials

Knowledge and understanding arrangement of care of materials:

- Understand the idea of care of materials.

Competitors shall be able to:

- Treat all given botanical material with respect.
- Maintain the condition of botanical material as fresh as possible.
- Cut botanical material if necessary.
- Fertilise botanical material as required.
- Cool down botanical material if necessary.

### Surprise box

Knowledge and understanding of surprise box:

- Understand the idea of a surprise task

Competitors shall be able to:

- Create a finished piece with only the material in the surprise box

## 2.1.2 Additional works

### Room decoration (indoor or outdoor)

Knowledge and understanding arrangement of room decoration:

- Understand the meaning of room/space and making a floral piece in to it.
- Making a window display competitor understands the visual value of placing the materials.

Competitors shall be able to:

- Choose suitable technique to the decoration.
- Manage to make a work to a room – size is relevant.

### Plant works

Knowledge and understanding arrangement of plant works:

- Understand the meaning of plants.

Competitors shall be able to:

- Make a work out of plants: with roots and a base to plant/place the plant.
- Make a work based to the idea of botanical plant.
- Make a planted arrangement with several plants or just a single styled plant.

### Themed module

Knowledge and understanding:

- Understand the concept of themed work.

Competitors shall be able to:

- Make a floral piece of work out of given materials and a simple, globally/worldwide understandable theme to work with

### Object decoration

Knowledge and understanding:

- Competitor understands the importance of an object when making a decoration into it.

Competitors shall be able to:

- Make a piece with the size, form, structure, style, contrasts, movement, lines, placement of colours to match with the piece to be decorated.
- Choose a suitable technique when making a decoration into the object: the object can not be damaged in any way.

### Special occasion

Knowledge and understanding:

- Competitors understand the importance of a special occasion.

Competitors shall be able to:

- Make a piece convenient to the occasion given.

## 2.2 Theoretical knowledge

2.2.1 Theoretical knowledge is required but not tested explicitly.  
Theoretical knowledge is limited to that necessary to carry out the practical work. Knowledge of the theory concerning composition, colour, idea and technique is required.

2.2.2 Knowledge of rules and regulations is not examined.

## 2.3 Practical work

The Competitor must carry out unaided 8 to 12 modules as defined below. At the Competition the Experts will decide on the modules from the following list:

- 2.3.1 Basic works - Compulsory
- Hand tied bouquet
  - Wreath
  - Bridal design (bouquet or decoration)
  - Arrangement of cut flowers
  - Care of materials - A minimum of 2 hours will be available for the care of materials
  - Surprise box (supplied by the Host Member)
- 2.3.2 Additional works
- Room decoration (indoor or outdoor)
    - Hanging room decoration
    - Flower screen
    - Table decoration
    - Wall decoration
    - Window display
  - Plant works
    - Planted arrangement
    - Styled single plant
  - Themed module
    - Surprise theme
    - Surprise box (supplied by the Host Member)
  - Object decoration
    - Floral jewellery
    - Corsage
    - Body decoration
  - Special occasion

### **3. THE TEST PROJECT**

#### **3.1 Format / structure of the Test Project**

The format of the Test Project is a series of standalone modules.

#### **3.2 Test Project design requirements**

Each participating Expert must submit a Test Project proposal of 2 modules using the list in section 2.3; one compulsory module and one additional module from the list in section 2.3 to be decided at the Competition. The proposals must be accompanied by complete assessment criteria. Experts will choose from the proposals in the preparation days before the Competition. See timeline in section 3.3.3 below. Proposals must be submitted in English. Each module must provide clear and concise information about description, available time and technique.

#### **3.3 Test Project development**

The Test Project MUST be submitted using the templates provided by WorldSkills International (<http://www.worldskills.org/competitionpreparation>). Use the Word template for text documents and DWG template for drawings.

##### **3.3.1 Who develops the Test Project / modules**

The Test Project/modules are developed by all Experts.

- 3.3.2 How and where is the Test Project / modules developed  
The Test Project/modules are developed **independently**.

Experts discuss their Test Project modules on the forum, particularly the material and tool requirements of their Competitors.

- 3.3.3 When is the Test Project developed  
The Test Project/modules are developed **before the current Competition in accordance with the timeline below**.

<b>Time line</b>	
Before the Competition	All Experts develop 2 modules for the Test Project
Day 1 of preparation period at the Competition (C-6)	Experts agree and choose all modules (8 to 12) from the proposals by vote. Experts agree and decide on the assessment criteria for each module. The last day of the Competition must contain 2 modules.

### 3.4 Test Project marking scheme

Each Test Project must be accompanied by a marking scheme proposal based on the assessment criteria defined in Section 5.

- 3.4.1 The marking scheme proposal is developed by the person(s) developing the Test Project. The detailed and final marking scheme is developed and agreed by all Experts at the Competition.

- 3.4.2 Marking schemes should be entered into the CIS prior to the Competition.

### 3.5 Test Project validation

The Test Project is validated at the Competition by the Expert Jury which considers the skill level of the Competitors, the time constraints and, the materials and equipment available.

### 3.6 Test Project selection

The Test Project is selected **by vote of Experts at the current Competition**.

### 3.7 Test Project circulation

The Test Project is **not circulated**

### 3.8 Test Project coordination (preparation for Competition)

Coordination of the Test Project will be undertaken by **Chief Expert and Deputy Chief Expert**.

### 3.9 Test Project change at the Competition

**Not applicable.**

### 3.10 Material or manufacturer specifications

**Not applicable.**

## 4. SKILL MANAGEMENT AND COMMUNICATION

### 4.1 Discussion Forum

Prior to the Competition, all discussion, communication, collaboration and decision making regarding the skill must take place on the skill-specific Discussion Forum (<http://www.worldskills.org/forums>). All skill-related decisions and communication are only valid if they take place on the forum. The Chief Expert (or an Expert nominated by the Chief Expert) will be moderator for this forum. Refer to Competition Rules for the timeline of communication and competition development requirements.

## 4.2 Competitor information

All information for registered Competitors is available from the Competitor Centre (<http://www.worldskills.org/Competitorcentre>).

This information includes:

- Competition Rules
- Technical Descriptions
- Test Projects
- Other Competition-related information

## 4.3 Test Projects

Circulated Test Projects will be available from [worldskills.org](http://www.worldskills.org) (<http://www.worldskills.org/testprojects>) and the Competitor Centre (<http://www.worldskills.org/Competitorcentre>).

## 4.4 Day-to-day management

The day-to-day management is defined in the Skill Management Plan that is created by the Skill Management Team led by the Chief Expert. The Skill Management Team comprises the Jury President, Chief Expert and Deputy Chief Expert. The Skill Management Plan is progressively developed in the six months prior to the Competition and finalised at the Competition (agreed by Experts and submitted to the Chair/Vice Chair of the Technical Committee). The Chief Expert is to regularly share updates of the Skill Management Plan via the Forum.

# 5. ASSESSMENT

This section describes how the Experts will assess the Test Project / modules. It also specifies the assessment specifications and procedures and requirements for marking.

## 5.1 Assessment criteria

This section defines the assessment criteria and the number of marks (subjective and objective) awarded. The total number of marks for all assessment criteria must be 100. [Each of the 8 to 12 modules are marked as follows:](#)

Section	Criterion	Marks		
		Subjective (if applicable)	Objective	Total
A	<a href="#">Composition</a>	30		30
B	<a href="#">Colours</a>	20		20
C	<a href="#">Idea</a>	10		10
D	<a href="#">Technique</a>	30		30
E	<a href="#">Care of materials</a>		10	
Total =		90	10	100

[The weighting of each Section will vary from module to module and will be decided by the Experts on day 1 of the preparation period at the Competition.](#)

## 5.2 Subjective marking

Scores are awarded on a scale of 1 to 10 as follows:

High level

- 10 Best work presented
- 9 Very very good
- 8 Very good
- 7 Good

Middle level

- 6 Fairly good
- 5 Average

Low level

- 4 Below average
- 3 Weak
- 2 Very weak
- 1 Weakest work presented

### 5.3 Skill assessment specification

The skill assessment criteria are clear concise aspect specifications which explain exactly how and why a particular mark is awarded.

A - Composition

- General impression (shape, form, proportions, visual balance)
- Style
- Choice, dominance and use of materials (form, texture, structure, contrasts, rhythm, movement, volume, lines, directions)
- Material respect

B - Colours

- Dominance of used colours
- Expression of idea in colours
- Colour composition (contrasts, harmony, value or colours, etc)
- Tones, shades and tints
- Placement of colours

C - Idea

- Originality
- Uniqueness
- Creativity
- Interpretation of the given subject/task/theme
- Choice of material/design with chosen materials
- Corresponding with the available time/finishing

D - Technique

- Cleanness
- Suitability of technique used
- Stability of work
- Physical balance
- Possibility to have water (if applicable)
- Technical difficulty/level
- Work must not leak

E – Care of materials (objective)

### 5.4 Skill assessment procedures

The Experts are divided into equal marking groups by the Deputy Chief Expert. The groups are drawn from culture, language (so there is at least one fluent English speaking Expert in each group if possible), continent is also taken into consideration as well as whether the Expert has previous Competition experience. If there is an Expert without a Competitor they are to be a neutral Expert which can join each marking group to create an equal balance.

All Experts assess an equal percentage of marks and assess the same aspects for all Competitors' work.

The breakdown of marks within each of the four criteria is decided at the Competition for each module.

The process of assessing the Competitors' work is agreed at the Competition. The following process may be considered: Experts agree on the best and the weakest Competitor's work. The remaining work is arranged in order from scores 2 to 9.

#### Objective marking

Care of materials is to be judged with objective marking

## **6. SKILL-SPECIFIC SAFETY REQUIREMENTS**

Refer to Host Country Health & Safety documentation for Host Country regulations.

None.

## **7. MATERIALS & EQUIPMENT**

### **7.1 Infrastructure List**

The Infrastructure List lists all equipment, materials and facilities provided by the Host Country.

The Infrastructure List is online (<http://www.worldskills.org/infrastructure/>).

The Infrastructure List specifies the items & quantities requested by the Experts for the next Competition. The Host Country will progressively update the Infrastructure List specifying the actual quantity, type, brand/model of the items. Host Country supplied items are shown in a separate column.

At each Competition, the Experts must review and update the Infrastructure List in preparation for the next Competition. Experts must advise the Technical Director of any increases in space and/or equipment.

At each Competition, the Technical Observer must audit the Infrastructure List that was used at that Competition.

The Infrastructure List does not include items that Competitors and/or Experts are required to bring and items that Competitors are not allowed to bring – they are specified below.

The materials supplied by the Host Member must be separated for the correct number of Competitors.

### **7.2 Materials, equipment and tools supplied by Competitors in their toolbox**

The Competitors must bring their own tools (and adapters for electrical appliances if applicable).

Tool: is an implement used in the practice of a vocation.

Technical aids may only be used as an aid and must not be physically used or left in the arrangement when it is judged.

Technical aid: is the material/aid that contributes to the fulfilment of a module.

Examples:

- All types of glue except spray glues
- All types of tape, wires, pegs, clips, pins
- Fishing line, ribbons, rope
- Needles
- Candles

- Cotton buds
- Hooks
- Stands

If a Competitor favours a particular tool/technical aid then enough for each Competitor must be provided for this item to be used. If a Competitor wishes to bring such items then this information must be shared on the discussion forum at least 3 months prior to the Competition. Quarantine regulations must be adhered to. If materials are brought without having information in the Discussion Forum all materials will be confiscated or given away.

If a Competitor needs special materials for technical tools that are unique to their own country then the materials for these tools must be made available (brought by the Expert/Competitor) for every Competitor at preparation day 1.

The use of materials/technical aids, used either decoratively or as a tool, will be discussed during the familiarisation period by the Experts. All material brought by Experts/Competitors must already be written in digital form and separated for the correct number of Competitors.

### 7.3 **Materials, equipment and tools supplied by Experts**

Cut flowers, plants, cut foliage, decorative accessories and technical material (technical aids) and containers

- In consultation with the Chief Expert and Deputy Chief Expert the Workshop Supervisor will select materials to be used during the Competition.
- All materials will be available during the familiarisation for Competitors before the Competition starts excluding the surprise box.
- All the material necessary to complete each module will be provided.
- Competitors must use only the material provided.
- All material must be available on the first day of the Competition, for the Competitors to make their choice.
- All botanical material must be correctly scientifically named and must arrive at optimum level of freshness, not more than two days prior to day 1 of the competition. They must arrive already distributed for individual Competitors. The material must arrive already in water. A minimum of 10 additional buckets should be distributed to each Competitor.
- All botanical material must be delivered on time (ordered by Experts) at the Competition site.
- Material to be prepared by the Workshop Supervisor and conditioned as agreed by a panel of Experts.

Cold storage of flowers

- Flowers must be stored with a minimum temperature of 3°C and a maximum temperature of 10°C.
- Competitors may only exchange damaged material during the preparation time on the first day of the competition subject to availability.
- Instructions are given on the morning of the first day of the Competition and the modules are described in detail by the Experts as necessary
- All Competitors should receive a copy with names of the material list on preparation day 1.

### 7.4 **Materials & equipment prohibited in the skill area**

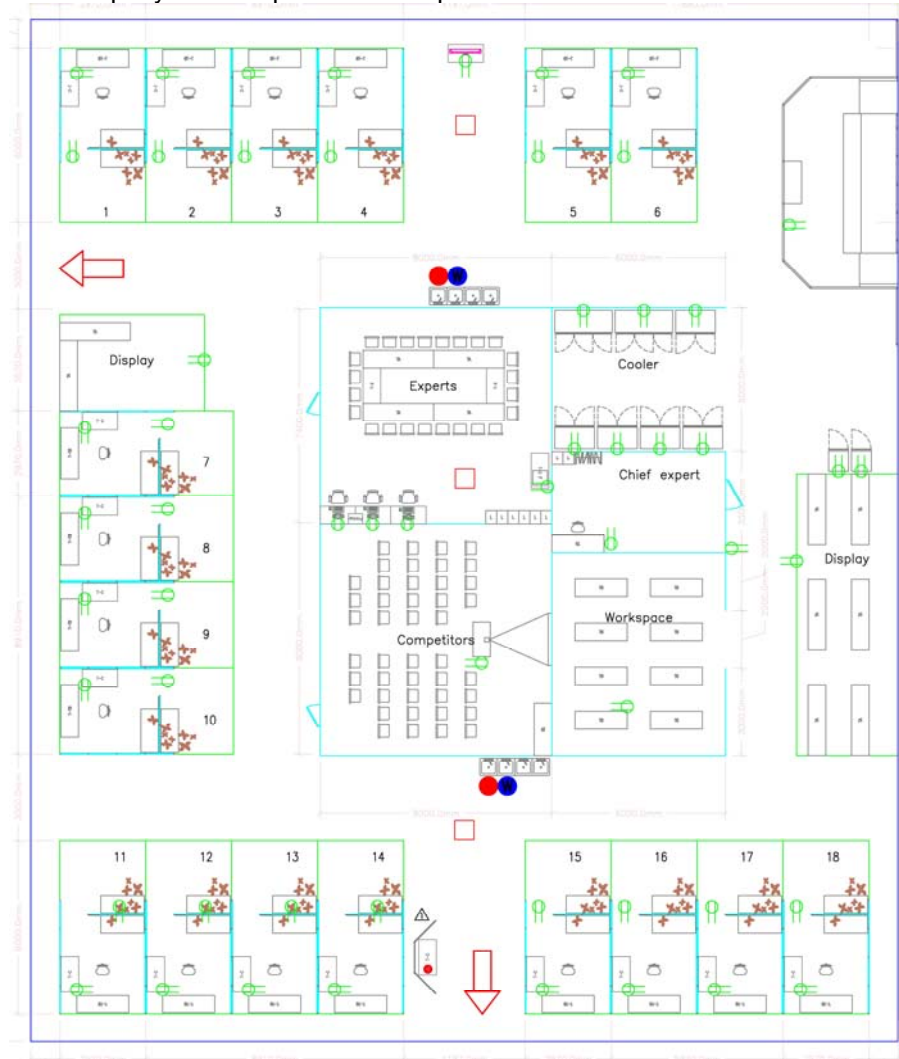
- The Competitors are not allowed to use any material that is unique to them, unless this material has been listed on the Discussion Forum 3 months prior to the Competition and is provided to each Competitor.
- Competitors are not to reuse any materials from previous modules.
- Any type of sprays including glues and colours

## 7.5 Sample workshop layouts

Workshop layouts from Calgary are available at:

[http://www.worldskills.org/index.php?option=com\\_halls&Itemid=540](http://www.worldskills.org/index.php?option=com_halls&Itemid=540)

Workshop layout from previous Competition:



Workshop requirements:

The work area should be completely closed on two sides, open fully on one side for spectators and partially open on the remaining side for the Competitor for access to the ancillary area.

There has to be a small drawing for each Competitor about the working and display area.

Please refer to the plan for general installation

General layout:

- For each Competitor 40 square metre workstation: 20 square metres for working booth and 20 square metres for display of materials.
- Background colour for work area should be neutral.
- Wall for hanging objects at least 2 metres for one Competitor.
- Electric outlet for each Competitor.
- 5 spotlights for each Competitor.
- At least 1 working table adjustable in height.
- 2 working tables, size at least 1.2 x 0.7 m.
- A minimum of 10 water buckets for each Competitor.

#### Display Area

- For each Competitor 10 square metres for personal display.
- Background colour for display area should be neutral.
- 8-10 display cubes for each Competitor in the same neutral colour as the wall and floor.

#### Judging Area

- For each Competitor 30 square metres for judging
- Wall for hanging objects at least 2 m for each Competitor
- Tables for judging
- Large clocks
- Spot lights (same as at Competitors' workstations)

#### Meeting Room

Expert area must be 4 square metres for each Expert (eg 15 x 4)  
To have lockable door

#### General Area

- Wardrobe for the Competitors and Experts.
- Cool room, 4 square metres for each Competitor.
- Service station (hand paper supply, rubbish bags, drinking water, etc).
- 1 water outlet per 5 Competitors (min 2).

#### General requirements for the workshop

- Good working light (each working area and judging area 750 lux).
- Adjustable stool (bar stool)
- Lockable chest of drawers
- Access to hand brush and other cleaning equipment
- A garbage holder
- The floor should be waterproof, no carpet and in neutral colour
- Timer (stop watch)
- Spot light
- Judging area
- Large clocks

## **8. MARKETING THE SKILL TO VISITORS AND MEDIA**

### **8.1 Maximising visitor and media engagement**

Following is a list of possible ways to maximise visitor and media engagement:

- Try a trade
- Display screens
- Test Project descriptions
- Enhanced understanding of Competitor activity
- Competitor profiles
- Career opportunities
- Daily reporting of competition status
- Daily People's Choice Award – members of the public vote for their favourite piece

### **8.2 Sustainability**

- Recycling
- Use of 'green' materials
- Use of completed Test Projects after Competition