

# TECHNICAL DESCRIPTION

## FLORISTRY



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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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John Shiel  
Chair Technical Committee



Stefan Praschl  
Vice Chair Technical Committee

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## 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
- Selects and takes adequate care of cut flowers, foliage, plants, containers, decorative accessories and wrapping material.
- Must be creative and artistic, have a good eye for design and be able to create pleasing flower arrangements.
- Know how to cut, treat, and arrange flowers and other stock plants so they will remain fresh as long as possible
- Must know how trends affect the floristry skill
- Must be able to create designs for different seasons, occasions and events

### 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 - 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**

#### **Obligatory floristry design**

##### Theoretical knowledge

Knowledge and understanding:

- The Competitor must understand the theory of composition, colour, idea and technique

Competitors shall be able to:

- Create floral designs according to theoretical knowledge.
- Choose adequate botanical materials, containers, decorative accessories and wrapping materials to create and finish floral designs.
- Choose adequate & acceptable technique or combination of techniques to create each design.

#### Hand tied bouquet

Knowledge and understanding:

- Competitor understands the idea of a bouquet; a hand tied design which can be lifted from its container and returned to its container.

Competitors shall be able to:

- Make a bouquet with stems radial or parallel.

#### Wreath (not for funeral)

Knowledge and understanding:

- Competitor must understand the idea of a wreath; a circular design with no beginning and no end

Competitors shall be able to:

- Make a wreath

#### Bridal design

Knowledge and understanding:

- Understand the idea of a bridal design.

Competitors shall be able to:

- Make a bridal design

#### Arrangement of Cut flowers

Knowledge and understanding:

- Understand the idea of an arrangement with cut flowers.

Competitors shall be able to:

- Create an arrangement of cut flowers

#### Care of materials

Knowledge and understanding:

- The Competitor must understand the idea of care of materials.

Competitors shall be able to:

- Treat all botanical material with respect.
- Condition and prepare the botanical materials for the duration of the competition
- Maintain the condition of the materials at all times
- Cut botanical material as necessary.
- Keep the botanical materials at a correct temperature
- Take properly care of artificial material, containers, dried materials and all other materials supplied for the competition, and treat these materials with respect.
- Create a shop design in their working station using interior furniture, stands, displays, vases, containers, floral materials and accessories, and maintain this area throughout the competition

#### Surprise box

Knowledge and understanding:

- The Competitor must understand the idea of a surprise task

Competitors shall be able to:

- Create a design using only the materials supplied in the surprise box

## Optional designs

### Room decoration

Knowledge and understanding:

- Understand the meaning of room decoration (e.g. hanging, standing, room divider, screen, wall design etc.)

The competitor shall be able to:

- Create a room decoration using a suitable technique or combination of techniques

### Arrangement with plants

Knowledge and understanding:

- Understand the meaning of an arrangement with plants.

Competitors shall be able to:

- Make an arrangement with plants using a suitable technique or combination of techniques.

### Themed module

Knowledge and understanding:

- The Competitor must understand the idea of a themed module.

Competitors shall be able to:

- Make a floral design interpreting a simple, worldwide understandable theme.

### Decorated object

Knowledge and understanding:

- The Competitor must understand the idea of a decorated object.

Competitors shall be able to:

- Choose a suitable technique or combination of techniques for making a decoration into or on an object. The object and the decoration will be regarded as one item. The object can be e.g. a parcel, a hat, a bottle, a person, a mannequin, a car etc.

### Ecological design

Knowledge and understanding:

- The Competitor must understand the idea of an ecological design.

## 2.2 Theoretical knowledge

2.2.1 Theoretical knowledge is required but not tested explicitly.

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 Obligatory designs

- Hand tied bouquet
- Bridal design
- Arrangement of cut flowers
- Surprise box (supplied by the Host Member)
- Shop design in the working station and care of materials (using interior furniture, stands, displays, vases, containers, floral materials and accessories)

- 2.3.2 Optional designs
- Wreath
  - Room decoration
  - Hanging room decoration
  - Flower screen
  - Table decoration
  - Wall decoration
  - Window display
  - Surprise box (supplied by the Host Member)
  
  - Plant design
    - Arrangement with plants
    - Styled single plant
  
  - Themed module design
    - Surprise theme
    - Surprise box (supplied by the Host Member)
  
  - Object design
    - Floral jewellery
    - Corsage
    - Body decoration

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

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

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

Independently

Experts must bring **two** prepared Test Projects (one from the obligatory and one from the optional modules) and present them to the team of Experts on the first day of preparation.

The Experts must agree on the forum (at the latest one month before the competition) about who brings which proposal.

- 3.3.3 When is the Test Project developed  
The Test Project is 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<br>Experts decide on the forum who will bring which proposals  |
| Day 1 of preparation period at the Competition (C-6) | Experts agree and choose all modules (8 to 12) from the proposals by vote.<br>Experts agree and decide on the assessment criteria for each module.<br>The last day of the Competition must contain 2 modules. |
| At the Competition                                   | Test Project modules are selected by vote of the Experts  |

### 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 as follows:

By vote of Experts at the current Competition

### 3.7 Test Project circulation

The Test Project is circulated via WorldSkills International website as follows:

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 by agreement of the Experts. The Skill Management Plan can be viewed in the Expert Centre (<http://www.worldskills.org/expertcentre>).

## 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.

| Section | Criterion         | Marks                         |           |            |
|---------|-------------------|-------------------------------|-----------|------------|
|         |                   | Subjective<br>(if applicable) | Objective | Total      |
| A       | Composition       | 30                            |           | 30         |
| B       | Colours           | 20                            |           | 20         |
| C       | Idea              | 10                            |           | 10         |
| D       | Technique         | 30                            |           | 30         |
| E       | Care of materials | 5                             |           | 5          |
| F       | Shop display      | 5                             |           | 5          |
|         |                   |                               |           |            |
|         |                   |                               |           |            |
|         | <b>Total =</b>    | <b>100</b>                    |           | <b>100</b> |



## 5.2 Subjective marking

The Test Projects modules must be ranked on a scale of 1 to 10 as follows:

High level

- 10 Ranking best design presented in the competition
- 9 Ranking
- 8 Ranking
- 7 Ranking

Middle level

- 6 Ranking
- 5 Ranking

Low level

- 4 Ranking
- 3 Ranking
- 2 Ranking
- 1 Ranking weakest design presented in the Competition

## 5.3 Skill assessment specification

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
- Functionality
- Stability of work
- Physical balance
- Possibility to have water (if applicable)
- Technical difficulty/level
- Work must not leak
- Care of materials

E – Care of materials (subjective)

#### 5.4 Skill assessment procedures

The Experts are divided into equal assessment groups by the Deputy Chief Expert. The groups are put together considering culture, language (must at least one fluent English speaking Expert in each group), geography is also taken into consideration as well as whether the Expert has previous assessment experience. If there is an Expert without a Competitor they are considered neutral, and can join each assessment 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.

At least one third of the marks will be assessed as open marking, and at least one third of the marks will be assessed as blind 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 details 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 Competition Organiser will progressively update the Infrastructure List specifying the actual quantity, type, brand/model of the items. Items supplied by the Competition Organiser 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.

#### 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

The Competitor may **not** bring any materials to the Competition, except for **one** material for demonstration only, as an introduction, and the Experts can consider to add this material to the Infrastructure list for the next Competition.

### 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 80% materials to be used during the Competition. And the Expert will select 20% on C-3 from the local market.
- 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 familiarisation day.
- 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 dismantle and re-use any materials from previous modules excluding shop display.
- Any type of sprays including glues and colours.

## 7.5 Proposed workshop and workstation layouts

### 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

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

### General layout: For each Competitor

- For each Competitor 50 square metre workstation: for working and display 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 with an extender.
- 10 spotlights for each Competitor
- At least 1 working table adjustable in height.
- 2 working table, size at least 1.2 x 0.7 m.
- A minimum of 10 water buckets for each Competitor.
- 2 cube to display on 60x60x60 cm
- 4 cube to display on 50x50x50 cm
- 2 cube to display on 40x40x40 cm
- 2 column to display on 125 / 50x50 cm
- 2 column to display on 100 / 50x50 cm
- 2 column to display on 75 / 40x40 cm
- 2 column to display on 50 / 25x25 cm
- 2 display 50 / 100x100 cm
- 2 display 25 / 50x50 cm
- 5 display 40 / 100x40 cm
- 2 boards 3 to 4x25x100 cm
- 2 boards 3 to 4x50x125 cm
- 2 boards 3 to 4x75x100 cm
- 2 boards 3 to 4x50x10 cm
- 50 Containers / vases / bowls
- Mannequin
- Bridal bouquet stand
- 1 Mirror 50x200 cm

### 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 3 square metres for judging in the judging area
- Wall for hanging objects at least 2 m for each Competitor
- One tables for each Competitor for judging on size 120x80 cm
- 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 and 2 meters high for each Competitor.
- Service station (hand paper supply, rubbish bags, drinking water, etc).
- 1 water outlet with sink and drainage per 5 Competitors.

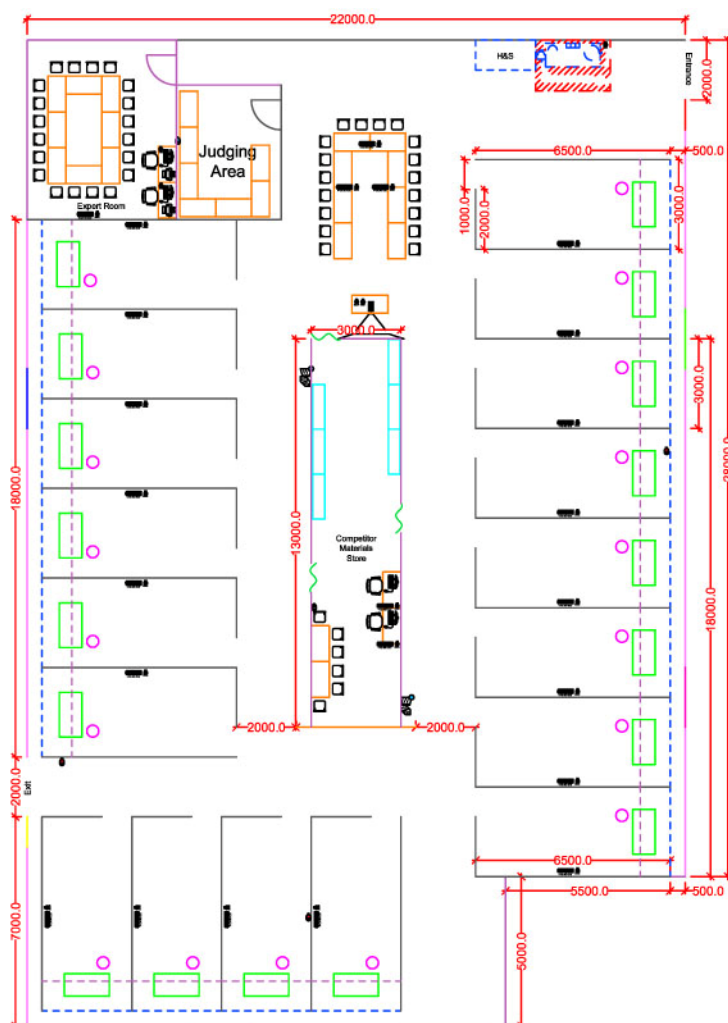
### General requirements for the workshop

- 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

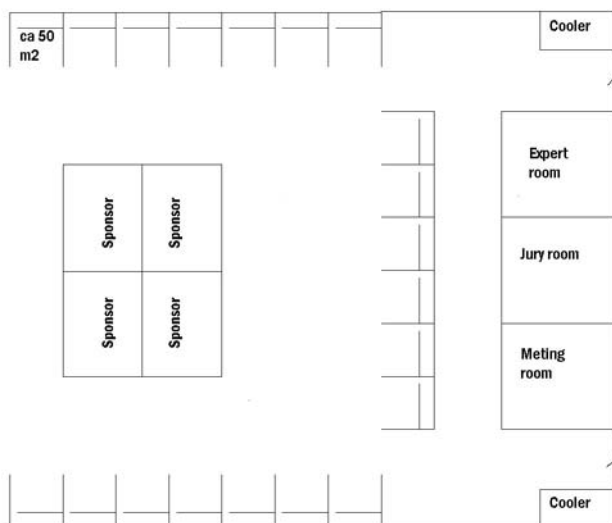
Workshop layouts from London are available at:

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

Workshop layout:



Preferred layout for WSC2013:



## 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