

Technical Description

Floristry

Creative Arts and Fashion



WorldSkills International, by a resolution of the Competitions 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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1 INTRODUCTION

1.1 NAME AND DESCRIPTION OF THE SKILL COMPETITION

1.1.1 The name of the skill competition is

Floristry

1.1.2 Description of the associated work role(s) or occupation(s).

The florist may work in one of several sectors of the floral Industry including being self-employed, working on commissioned projects or in the retail sector. Individuals must demonstrate business acumen and interpersonal skills when dealing with clients. Advanced levels of customer care and sales skills are crucial. Themed and bespoke floral projects are commissioned for various social and cultural events such as weddings, parties, and product launches the florist must have planning and management skills offering appropriate expert advice to the client whilst interpreting the vision and scope for the finished project.

Horticultural materials are delicate, easily damaged, or spoilt and are perishable. As such the florist must have knowledge of post-harvest care and conditioning of materials with which they work and apply extensive knowledge of effective sourcing, purchasing, and storage of all horticultural materials.

Design of a floral project, whether it is a small bouquet or a large installation for a major event, requires the florist to be innovative, creative and to demonstrate artistic and design knowledge that incorporates aesthetics and practicalities. The florist must apply the rules and theory of composition, colour and technique as currently expressed by the floristry trade worldwide, and show clear ideas (principles and elements of floral design) in his/her projects.

The florist will use their expertise and knowledge of flowers, plants, botanical materials and accessories to produce floral projects. There is a diverse scope of practice within the floristry industry. Some florists will work in retail outlets and prepare bouquets and arrangements speculatively for sale and must therefore be keenly aware of their market and commercial restraints. At the other end of the professional spectrum, a florist may be commissioned to provide floral displays for major high-profile international events that require interpreting a theme and working effectively within a large team collaborating with other professionals in a high-pressure situation with time limitations.

1.1.3 Number of Competitors per team

Floristry is a single Competitor skill competition.

1.1.4 Age limit of Competitors

The Competitors must not be older than 22 years in the year of the Competition.

1.2 THE RELEVANCE AND SIGNIFICANCE OF THIS DOCUMENT

This document contains information about the standards required to compete in this skill competition, and the assessment principles, methods, and procedures that govern the competition.

Every Expert and Competitor must know and understand this Technical Description.

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

1.3 ASSOCIATED DOCUMENTS

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

- WSI – Competition Rules
- WSI – WorldSkills Standards Specification framework
- WSI – WorldSkills Assessment Strategy
- WSI Online resources as indicated in this document
- WorldSkills Health, Safety, and Environment Policy and Regulations

2 THE WORLDSKILLS STANDARDS SPECIFICATION (WSSS)

2.1 GENERAL NOTES ON THE WSSS

The WSSS specifies the knowledge, understanding, and specific skills that underpin international best practice in technical and vocational performance. It should reflect a shared global understanding of what the associated work role(s) or occupation(s) represent for industry and business (www.worldskills.org/WSSS).

The skill competition is intended to reflect international best practice as described by the WSSS, and to the extent that it is able to. The Standards Specification is therefore a guide to the required training and preparation for the skill competition.

In the skill competition the assessment of knowledge and understanding will take place through the assessment of performance. There will only be separate tests of knowledge and understanding where there is an overwhelming reason for these.

The Standards Specification is divided into distinct sections with headings and reference numbers added.

Each section is assigned a percentage of the total marks to indicate its relative importance within the Standards Specification. This is often referred to as the “weighting”. The sum of all the percentage marks is 100.

The Marking Scheme and Test Project will assess only those skills that are set out in the Standards Specification. They will reflect the Standards Specification as comprehensively as possible within the constraints of the skill competition.

The Marking Scheme and Test Project will follow the allocation of marks within the Standards Specification to the extent practically possible. A variation of five percent is allowed, provided that this does not distort the weightings assigned by the Standards Specification.

2.2 WORLDSKILLS STANDARDS SPECIFICATION

SECTION		RELATIVE IMPORTANCE (%)
1	Work organization and management	13
	<p>The individual needs to possess knowledge of:</p> <ul style="list-style-type: none"> • The scope and characteristics of the floristry industry and how it interacts with other professions • Principles and elements of floral design • Health and safety legislation, obligations, documentation, and practice • The importance of work organization and prioritization • The importance of time management • The ways in which working practices can minimize wastage and costs • Sustainability regarding the floristry industry 	
	<p>The individual shall be able to:</p> <ul style="list-style-type: none"> • Be creative, artistic, innovative, and resourceful • Show initiative • Be responsive and flexible to changing circumstances • Have technical and theoretical expertise • Maintain continuous professional development in order to be aware of current trends, new ideas, and styles and new materials • Demonstrate a willingness to try new methods and embrace change • Plan and organize work effectively to make best use of available resources • Plan projects of varying sizes and complexity • Work within Health, Safety, and Environment regulations and practice • Work under time pressures and meet deadlines and targets • Work effectively using initiative and demonstrate a high degree of autonomy in working methods 	
2	Care of materials and tools	10
	<p>The individual needs to possess knowledge of:</p> <ul style="list-style-type: none"> • Understand flowers and botanical material: <ul style="list-style-type: none"> • Correct nomenclature of all horticultural materials; • Storage requirements of materials; • Correct handling and most appropriate application of materials in relation to the project; • How to preserve cut flowers and plants; • Seasons for plants and botanical materials; • Post-harvest care of materials • The tools and equipment that are used in floristry • Appropriate use and techniques in the application of the tools 	

	<p>The individual shall be able to:</p> <ul style="list-style-type: none"> • Treat all botanical materials with appropriate post-harvest care • Condition and prepare the botanical materials for the design • Maintain the condition of botanical materials • Keep botanical materials at the correct temperature • Take proper care of all materials in relation to the product including containers, sundry materials, and other materials used in the design • Use and select tools and equipment in relation to the product 	
3	Business and communications	8
	<p>The individual needs to possess knowledge of:</p> <ul style="list-style-type: none"> • The importance of establishing and maintaining customer confidence through interpretation of the brief • The importance of building and maintaining productive working relationships with colleagues and other professions in relation to the product • The importance of the ability to show empathy to clients through interpretation of the brief 	
	<p>The individual shall be able to:</p> <ul style="list-style-type: none"> • Create a shop design using botanical materials, utilizing furniture, stands, vases, containers, and accessories where necessary • Select and use materials considering ethical implications • Select and use appropriate materials in relation to the product • Interpret environmental requirements in relation to the product • Appreciate requests to reflect the personality and character of the brief in relation to the product • Give practical demonstrations • Ensure that time schedules are adhered to • Prepare floral work for safe and secure transportation in relation to the product 	
4	Floral design concept	30
	<p>The individual needs to possess knowledge of:</p> <ul style="list-style-type: none"> • The theory of composition, colour, design, and technique • Rationale behind themes • Current trends and fashions in floral design • Importance of the floral design fitting into its physical environment • Cultural differences as they affect floristry, for example for weddings and events 	

	<p>The individual shall be able to:</p> <ul style="list-style-type: none"> • Interpret a brief • Apply elements and principles of design in relation to the product • Ensure that a dominance of botanical materials feature in design • Select botanical materials, containers, technical aids/materials and decorative accessories for the planned product • Create a floral design interpreting a theme • Create floral design appropriate for occasions • Create floral design to suit the environment where it will be shown • Create floral design that is conventional and/or innovative • Communicate feelings and messages through design • Use dominance, contrasts and combinations of colour effectively to create harmony in design • Build colour and position combinations of tones and shades 	
5	Essential floral work	5
	<p>The individual needs to possess knowledge of:</p> <ul style="list-style-type: none"> • How to handle and use botanical materials in floral designs • How to prepare botanical materials for floral designs • The importance of cleanliness and keeping the work area tidy • How to work methodically and efficiently 	
	<p>The individual shall be able to:</p> <ul style="list-style-type: none"> • Work cleanly and methodically • Prioritize work effectively according to the situation • Create and finish floristry design in relation to the product • Create floral designs and display botanical materials for sale in a variety of environments • Create individual floral projects • Create floral designs following and interpret a theme • Select and implement suitable techniques for making a decoration into or onto an object in relation to the task 	
6	Floral room decorations	7
	<p>The individual needs to possess knowledge of:</p> <ul style="list-style-type: none"> • The meaning of a room decoration including hanging, standing, room- dividers, screens and wall designs • How floral design makes an impact in relation to the desired effect • The impact of heat, ventilation and lighting on the floral design 	
	<p>The individual shall be able to:</p> <ul style="list-style-type: none"> • Create a room decoration using suitable techniques and/or a combination of techniques • Create large and complex designs appropriate for events such as a festival design or a corporate event • Apply techniques that are required for room installations such as hanging, screens, wall design, etc. • Create floral designs following and interpret a theme 	

7	Floral works using plants	7
	<p>The individual needs to possess knowledge of:</p> <ul style="list-style-type: none"> • Range of plants available for use in interior and exterior designs • Understand plants: <ul style="list-style-type: none"> • Correct nomenclature • Storage requirements of plants • Correct handling and most appropriate application of plants in relation to the design • How to sustain and care for longevity • Care and maintenance • Seasons for plants • How plants react to various environments • How plants can be used in designs • The uses of various of mediums used for potted plants • Types of containers used in keeping and displaying plants • Health and safety practices relating to the use of plants 	
	<p>The individual shall be able to:</p> <ul style="list-style-type: none"> • Create designs using appropriate plants for various themes, occasions and events • Care for plants to maximize longevity prior to and during use • Apply appropriate health and safety when working with plant designs • Use appropriate containers to display and maintain plants • Use the appropriate medium for plants in containers in relation to the task at hand 	
8	Floral bridal work	10
	<p>The individual needs to possess knowledge of:</p> <ul style="list-style-type: none"> • The range and variety of weddings • Cultural and religious influences on wedding celebrations • Potential locations for weddings • Themes associated with weddings • Influence of the brief on the floral works 	
	<p>The individual shall be able to:</p> <ul style="list-style-type: none"> • Create and prepare floral designs appropriate to the wedding style, scale, and character in relation to the design • Create and prepare the full range of floral designs used at a wedding including large and complex designs appropriate for a wedding • Create floral designs that complement the bride's character, personality, dress, and appearance in relation to the design 	

9	Special floral commissions	10
	The individual needs to possess knowledge of: <ul style="list-style-type: none"> • The range and scope of special commissions 	
	The individual shall be able to: <ul style="list-style-type: none"> • Interpret the brief to establish floral requirements, themes, floral designs • Create floral designs according to the brief • Create and oversee the installation of the floral commission • Quality assure the process to ensure that the finished commission meets excellent standard in relation to the task at hand • Manage expectations in relation to the task at hand • Work under the pressures that will be associated with special and high-profile projects 	
	Total	100

3 THE ASSESSMENT STRATEGY AND SPECIFICATION

3.1 GENERAL GUIDANCE

Assessment is governed by the WorldSkills Assessment Strategy. The Strategy establishes the principles and techniques to which WorldSkills assessment and marking must conform.

Expert assessment practice lies at the heart of the WorldSkills Competition. For this reason, it is the subject of continuing professional development and scrutiny. The growth of expertise in assessment will inform the future use and direction of the main assessment instruments used by the WorldSkills Competition: the Marking Scheme, Test Project, and Competition Information System (CIS).

Assessment at the WorldSkills Competition falls into two broad types: measurement and judgement. For both types of assessment, the use of explicit benchmarks against which to assess each Aspect is essential to guarantee quality.

The Marking Scheme must follow the weightings within the Standards Specification. The Test Project is the assessment vehicle for the skill competition, and also follows the Standards Specification. The CIS enables the timely and accurate recording of marks, and has expanding supportive capacity.

The Marking Scheme, in outline, will lead the process of Test Project design. After this, the Marking Scheme and Test Project will be designed and developed through an iterative process, to ensure that both together optimize their relationship with the Standards Specification and the Assessment Strategy. They will be submitted to WSI for approval together, in order to demonstrate their quality and conformity with the Standards Specification.

Prior to submission for approval to WSI, the Marking Scheme and Test Project will liaise with the WSI Skill Advisors in order to benefit from the capabilities of the CIS.

4 THE MARKING SCHEME

4.1 GENERAL GUIDANCE

This section describes the role and place of the Marking Scheme, how the Experts will assess Competitors' work as demonstrated through the Test Project, and the procedures and requirements for marking.

The Marking Scheme is the pivotal instrument of the WorldSkills Competition, in that it ties assessment to the standards that represent the skill. It is designed to allocate marks for each assessed aspect of performance in accordance with the weightings in the Standards Specification.

By reflecting the weightings in the Standards Specification, the Marking Scheme establishes the parameters for the design of the Test Project. Depending on the nature of the skill and its assessment needs, it may initially be appropriate to develop the Marking Scheme in more detail as a guide for Test Project design. Alternatively, initial Test Project design can be based on the outline Marking Scheme. From this point onwards the Marking Scheme and Test Project should be developed together.

Section 2.1 above indicates the extent to which the Marking Scheme and Test Project may diverge from the weightings given in the Standards Specification, if there is no practicable alternative.

The Marking Scheme and Test Project may be developed by one person, or several, or by all Experts. The detailed and final Marking Scheme and Test Project must be approved by the whole Expert Jury prior to submission for independent quality assurance. The exception to this process is for those skill competitions which use an independent designer for the development of the Marking Scheme and Test Project. Please see the Rules for further details.

Experts and independent designers are required to submit their Marking Schemes and Test Projects for comment and provisional approval well in advance of completion, in order to avoid disappointment or setbacks at a late stage. They are also advised to work with the CIS Team at this intermediate stage, in order to take full advantage of the possibilities of the CIS.

In all cases a draft Marking Scheme must be entered into the CIS at least eight weeks prior to the Competition using the CIS standard spreadsheet or other agreed methods.

4.2 ASSESSMENT CRITERIA

The main headings of the Marking Scheme are the Assessment Criteria. These headings are derived in conjunction with the Test Project. In some skill competitions the Assessment Criteria may be similar to the section headings in the Standards Specification; in others they may be totally different. There will normally be between five and nine Assessment Criteria. Whether or not the headings match, the Marking Scheme as a whole must reflect the weightings in the Standards Specification.

Assessment Criteria are created by the person(s) developing the Marking Scheme, who are free to define criteria that they consider most suited to the assessment and marking of the Test Project. Each Assessment Criterion is defined by a letter (A-I). It is advisable not to specify either the Assessment Criteria, or the allocation of marks, or the assessment methods, within this Technical Description.

The Mark Summary Form generated by the CIS will comprise a list of the Assessment Criteria.

The marks allocated to each Criterion will be calculated by the CIS. These will be the cumulative sum of marks given to each Aspect within that Assessment Criterion.

4.3 SUB CRITERIA

Each Assessment Criterion is divided into one or more Sub Criteria. Each Sub Criterion becomes the heading for a WorldSkills marking form. Each marking form (Sub Criterion) contains Aspects to be assessed and marked by measurement or judgement, or both measurement and judgement.

Each marking form (Sub Criterion) specified both the day on which it will be marked, and the identity of the marking team.

4.4 ASPECTS

Each Aspect defines, in detail, a single item to be assessed and marked together with the marks, or instructions for how the marks are to be awarded. Aspects are assessed either by measurement or judgement.

The marking form lists, in detail, every Aspect to be marked together with the mark allocated to it.

The sum of the marks allocated to each Aspect must fall within the range of marks specified for that section of the skill in the Standards Specification. This will be displayed in the Mark Allocation Table of the CIS, in the following format, when the Marking Scheme is reviewed from C-8 weeks. (Section 4.1)

	CRITERIA								TOTAL MARKS PER SECTION	WSSS MARKS PER SECTION	VARIANCE	
	A	B	C	D	E	F	G	H				
STANDARDS SPECIFICATION SECTION	1	5.00								5.00	5.00	0.00
	2		2.00					7.50		9.50	10.00	0.50
	3								11.00	11.00	10.00	1.00
	4			5.00						5.00	5.00	0.00
	5				10.00	10.00	10.00			30.00	30.00	0.00
	6		8.00	5.00				2.50	9.00	24.50	25.00	0.50
	7			10.00				5.00		15.00	15.00	0.00
TOTAL MARKS		5.00	10.00	5.00	10.00	10.00	10.00	15.00	20.00	100.00	100.00	2.00

4.5 ASSESSMENT AND MARKING

There is to be one marking team for each Sub Criterion, whether it is assessed and marked by judgement, measurement, or both. The same marking team must assess and mark all competitors, in all circumstances. The marking teams must be organized to ensure that there is no compatriot marking in any circumstances. (See 4.6.)

4.6 ASSESSMENT AND MARKING USING JUDGEMENT

Judgement uses a scale of 0-3. To apply the scale with rigour and consistency, judgement must be conducted using:

- benchmarks (criteria) for detailed guidance for each Aspect (in words, images, artefacts or separate guidance notes)
- the 0-3 scale to indicate:
 - 0: performance below industry standard
 - 1: performance meets industry standard
 - 2: performance meets and, in specific respects, exceeds industry standard
 - 3: performance wholly exceeds industry standard and is judged as excellent

Three Experts will judge each Aspect, with a fourth to coordinate the marking and acting as a judge to prevent compatriot marking.

4.7 ASSESSMENT AND MARKING USING MEASUREMENT

Three Experts will be used to assess each aspect. Unless otherwise stated only the maximum mark or zero will be awarded. Where they are used, the benchmarks for awarding partial marks will be clearly defined within the Aspect.

4.8 THE USE OF MEASUREMENT AND JUDGEMENT

Decisions regarding the selection of criteria and assessment methods will be made during the design of the competition through the Marking Scheme and Test Project.

4.9 COMPLETION OF SKILL ASSESSMENT SPECIFICATION

The judging specification is based on criteria which relate directly to each module, as in WSC2015.

4.10 SKILL ASSESSMENT PROCEDURES

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

Experts will assess the same aspects for all Competitors' work.

The breakdown of marks within each of the four criteria is determined by the WSSS.

The process of assessing the Competitors' work is decided by the SMT.

Within the rules, the integrity of marking will be actively ensured.

5 THE TEST PROJECT

5.1 GENERAL NOTES

Sections 3 and 4 govern the development of the Test Project. These notes are supplementary.

Whether it is a single entity, or a series of stand-alone or connected modules, the Test Project will enable the assessment of the skills in each section of the WSSS.

The purpose of the Test Project is to provide full, balanced and authentic opportunities for assessment and marking across the Standards Specification, in conjunction with the Marking Scheme. The relationship between the Test Project, Marking Scheme and Standards Specification will be a key indicator of quality, as will be its relationship with actual work performance.

The Test Project will not cover areas outside the Standards Specification, or affect the balance of marks within the Standards Specification other than in the circumstances indicated by Section 2.

The Test Project will enable knowledge and understanding to be assessed solely through their applications within practical work.

The Test Project will not assess knowledge of WorldSkills rules and regulations.

This Technical Description will note any issues that affect the Test Project's capacity to support the full range of assessment relative to the Standards Specification. Section 2.1 refers.

5.2 FORMAT/STRUCTURE OF THE TEST PROJECT

The format/structure of the Test Project is a series of modules of various types and sizes.

5.3 TEST PROJECT DESIGN REQUIREMENTS

The entire Test Project is externally written. Test Project modules are designs selected from the list below.

Minimum of three modules will be surprise box designs.

Obligatory designs

- Hand tied bouquet;
- Bridal design;
- Arrangement of cut flowers;

Optional designs

- Wreath; (not for funeral)
- Room decoration: hanging, wall, standing, etc.;
- Table decoration;
- Plant designs:
- Themed design:
- Object design:
- Floral jewellery;
- Body decoration.

5.4 TEST PROJECT DEVELOPMENT

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

5.4.1 Who develops the Test Project or modules

The Test Project or modules are developed by an Independent Test Project Designer.

5.4.2 How and where is the Test Project or modules developed

The Test Project or modules are developed independently.

5.4.3 When is the Test Project developed

The Test Project is developed according to the following timeline:

TIME	ACTIVITY
Before the Competition	Test Project is externally written. Parts of the Test Project are translated.
At the Competition	Parts of information are added to the Test Projects already translated (see box above).

5.5 TEST PROJECT VALIDATION

The Test Project is validated at the Competition by the Skill Competition Manager who considers the skill level of the Competitors, the time constraints, and the materials and equipment available.

5.6 TEST PROJECT SELECTION

Test Project is independently written.

5.7 TEST PROJECT CIRCULATION

The Test Project is circulated via the website as follows:

Not circulated.

5.8 TEST PROJECT COORDINATION (PREPARATION FOR COMPETITION)

Coordination of the Test Project will be undertaken by the Skill Competition Manager.

5.9 TEST PROJECT CHANGE AT THE COMPETITION

Not applicable.

5.10 MATERIAL OR MANUFACTURER SPECIFICATIONS

Specific material and/or manufacturer specifications required to allow the Competitor to complete the Test Project will be supplied by the Competition Organizer and are available from www.worldskills.org/infrastructure located in the Expert Centre.

6 SKILL MANAGEMENT AND COMMUNICATION

6.1 DISCUSSION FORUM

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

6.2 COMPETITOR INFORMATION

All information for registered Competitors is available from the Competitor Centre (www.worldskills.org/competitorcentre).

This information includes:

- Competition Rules
- Technical Descriptions
- Marking Schemes
- Test Projects
- Infrastructure List
- WorldSkills Health, Safety, and Environment Policy and Regulations
- Other Competition-related information

6.3 TEST PROJECTS [AND MARKING SCHEMES]

Circulated Test Projects will be available from www.worldskills.org/testprojects and the Competitor Centre (www.worldskills.org/competitorcentre).

6.4 DAY-TO-DAY MANAGEMENT

The day-to-day management of the skill during the Competition is defined in the Skill Management Plan that is created by the Skill Management Team led by the Skill Competition Manager. The Skill Management Team comprises the Skill Competition Manager, Chief Expert, and Deputy Chief Expert. The Skill Management Plan is progressively developed in the eight months prior to the Competition and finalized at the Competition by agreement of the Experts. The Skill Management Plan can be viewed in the Expert Centre (www.worldskills.org/expertcentre).

7 SKILL-SPECIFIC SAFETY REQUIREMENTS

Refer to Host country or region WorldSkills Health, Safety, and Environment Policy and Regulations for Host country or region regulations.

None.

8 MATERIALS AND EQUIPMENT

8.1 INFRASTRUCTURE LIST

The Infrastructure List details all equipment, materials and facilities provided by the Competition Organizer.

The Infrastructure List is available at www.worldskills.org/infrastructure.

The Infrastructure List specifies the items and quantities requested by the Skill Competition Manager on behalf of the Experts for the next Competition. The Competition Organizer will progressively update the Infrastructure List specifying the actual quantity, type, brand, and model of the items. Items supplied by the Competition Organizer are shown in a separate column.

At each Competition, the Skill Competition Manager must review, audit, and update the Infrastructure List in partnership with the Technical Observer in preparation for the next Competition. The Skill Competition Manager must advise the Director of Skills Competitions of any requests for increases in space and/or equipment.

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.

8.2 COMPETITOR'S TOOLBOX

The following is the maximum external size of a toolbox that can be brought by the Competitor:

	1	Toolbox, approx.: 400 mm x 600 mm x 400 mm
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8.3 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 aid: is the material/aid that contributes to the fulfilment of a module.

Technical aids that are listed below may be used and left in a floral project:

- Glue;
- Thread;
- Staples;

No tool such as a kenzan/pin holder may be left in a floral design, it is to be used as a tool only.

Approved Floristry tools that are to be supplied by the Competitor

Pictures are for reference only; they are a sample of what [should/may?] be supplied.

PICTURE OF ITEM	QUANTITY	ITEM AND NOTES
	1	Toolbox, approx: 400 mm x 600 mm x 400 mm
	1-3	Floristry knives
	1-2	Scissors
	1-5	Tweezers
	1-3	Pliers
	1-5	secateurs/clippers/cutters

PICTURE OF ITEM	QUANTITY	ITEM AND NOTES
	1-5 1-5	Sewing needles Thread -Can be used and left in floral designs
	1-2	Staplers + 100 staples Staples - Can be used and left in floral designs
	1	Tape measure 5m
	1	Test tube water filler
	1	Bradawl (hole maker)
	1 1-10	Drill Drill bits (standard only) as pictured
	1	Hot glue gun – see comments regarding voltage
	1	Glue sticks (1 bag 40 pieces) Glue - Can be used and left in floral designs
	1-5	Brushes
	1-10	Clamps/pegs

PICTURE OF ITEM	QUANTITY	ITEM AND NOTES
	1	Colour wheel
	1	Glove stem stripper
	1	Hammer
	1-2	Kenzan/Pinholder(s) <ul style="list-style-type: none"> To be used as a tool only: not to be left into a floral work
	1	Ruler 30 cm
	1	Trowel
	1-2	Saw
	1-2	AC adaptor/transformer/transducer for electrical tools

PICTURE OF ITEM	QUANTITY	ITEM AND NOTES
	1	Calculator

8.4 MATERIALS, EQUIPMENT, AND TOOLS SUPPLIED BY EXPERTS

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

- In consultation the Skill Competition Manager, the Independent Test Project Designer, and the Workshop Manager will select 100% of the materials to be used during the Competition;
- All materials other than surprise project materials will be available during the Familiarization Day for Competitors before the Competition starts excluding the surprise boxes;
- 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 Familiarization 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 one of the Competition. They must arrive already distributed for individual Competitors. The material must arrive already in water. A minimum of ten 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 Manager and conditioned and distributed as agreed by a panel of Experts.

Cold storage of flowers and materials

- Flowers must be stored with a minimum temperature of 3°C and a maximum temperature of 10°C;
- Note: Competitors are permitted to have reasonable access to the storeroom if it is situated on the stand or nearby
- 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 test projects are described in detail by the Experts as necessary;
- All Competitors must receive a copy with names of the material list on preparation day one.

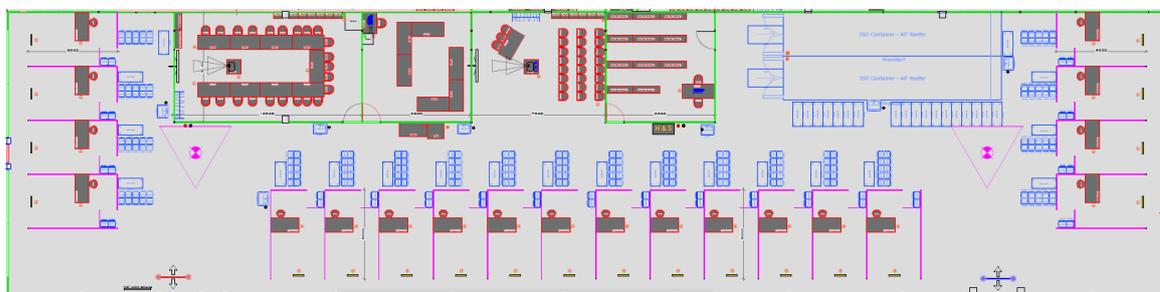
8.5 MATERIALS AND EQUIPMENT PROHIBITED IN THE SKILL AREA

- The Competitors are not allowed to use any material that is unique to them, unless this material has been listed on the Discussion Forum three 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.

8.6 PROPOSED WORKSHOP AND WORKSTATION LAYOUTS

Workshop layouts from previous competitions are available at www.worldskills.org/sitelayout.

Example workshop layout:



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.

General layout: For each Competitor

- For each Competitor 60 m² workstation: for working and display materials;
- Minimum of one metre space between front of Competitors booth and general audience area;
- Background colour for work area should be neutral;
- Wall for hanging objects at least two metres for one Competitor;
- Electric outlet for each Competitor with an extender;
- Ten spotlights for each Competitor;
- At least one working table, height adjustable;
- A minimum of ten water buckets for each Competitor;
- Two column to display on 125/50x50 cm;
- 20 Containers/vases/bowls;
- Bridal bouquet stand;
- One Mirror 50x200 cm.

Display Area

- Background colour for display area should be neutral;
- Five display cubes for each Competitor in the same neutral colour as the wall and floor.

Judging Area

- Wall for hanging objects at least two metres for each Competitor;
- Some tables for assessment;
- Spot lights (same as at Competitors' workstations).

Meeting Room

- Expert area must have enough room for all the Experts to have a seat and table for meetings and have a lockable door.

General Area

- Wardrobe for the Competitors and Experts;
- Cool room, four square metres and two meters high for each Competitor;
- Service station (hand paper supply, rubbish bags, drinking water, etc.);
- One water outlet with sink and drainage per five 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

9 SKILL-SPECIFIC RULES

Skill-specific rules cannot contradict or take priority over the Competition Rules. They do provide specific details and clarity in areas that may vary from skill competition to skill competition. This includes but is not limited to personal IT equipment, data storage devices, internet access, procedures and work flow, and documentation management and distribution.

There are no skill-specific rules.

10 VISITOR AND MEDIA ENGAGEMENT

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

- Try a trade;
- Display screens;
- Test Project descriptions clearly and visibly presented;
- 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.

11 SUSTAINABILITY

This skill competition will focus on the sustainable practices below:

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

12 REFERENCES FOR INDUSTRY CONSULTATION

WorldSkills is committed to ensuring that the WorldSkills Standards Specifications fully reflect the dynamism of internationally recognized best practice in industry and business. To do this WorldSkills approaches a number of organizations across the world that can offer feedback on the draft Description of the Associated Role and WorldSkills Standards Specification on a two-yearly cycle.

In parallel to this, WSI consults three international occupational classifications and databases:

- ISCO-08: (<http://www.ilo.org/public/english/bureau/stat/isco/isco08/>)
- ESCO: (<https://ec.europa.eu/esco/portal/home>)
- O*NET OnLine (www.onetonline.org/)

This WSSS appears to relate most closely to *Floral Designers*:

<https://www.onetonline.org/link/summary/27-1023.00>

This link can also be used to review adjacent occupations.

The following table indicates which organizations were approached and provided valuable feedback for the Description of the Associated Role and WorldSkills Standards Specification in place for WorldSkills Kazan 2019.

ORGANIZATION	CONTACT NAME
Interflora,	Sue Oates, role not stated
BEH Consulting, Australia	Barbara Hawkins, Director