



2016 World Brewers Cup Official Rules and Regulations

VERSION 2015.12.22

Written and approved by the WCE
Competitions Operations Committee
Rules and Regulations Subcommittee

**2016 WORLD BREWERS CUP RULES AND REGULATIONS
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1.0 ORGANIZATION

The World Brewers Cup (WBrC) is a program of World Coffee Events, LTD (WCE).

2.0 RIGHTS

All intellectual property related to the World Brewers Cup, including these Official Rules and Regulations and the format of the competition, are the property of World Coffee Events, LTD. No part of this document may be used or reproduced without the expressed permission of World Coffee Events, LTD.

3.0 2016 CHAMPIONSHIP

The 2016 World Brewers Cup will be held in conjunction with the SCAE World of Coffee event in Dublin, Ireland from 22- 25 June 2016.

4.0 PARTICIPANTS

4.1 QUALIFICATIONS

The World Brewers Cup is open to qualified national champions as determined by a WCE sanctioned national championship produced by the relative WCE Licensed National Body. Only one (1) competitor may represent each nation. Licensed National Bodies may not submit a competitor to the World Brewers Cup who was not the champion of a WCE sanctioned national championship in the preceding year, unless they receive express authorization in writing by World Coffee Events, LTD.

4.1.1 Age Requirement

Competitors must be at least 18 years of age at the time of competing in any World Coffee Events (WCE) sanctioned event.

4.1.2 Nationality

Competitors must hold a valid passport from the country he or she represents or documentation substantiating 24 months of residency, employment or scholastic enrolment, some portion of which must have been within 12 months preceding the qualifying national competition. Competitors may only participate in one country per WCE sanctioned Competition per year. A WCE Competition Year is defined as the time period between the completion of one year's WCE Event and the completion of the next year's WCE Event."

4.1.3 Multiple Passports

In case of multiple passports, the contestant must choose one country and qualify through this respective sanctioned national championship.

4.1.4 Expenses

Licensed National Bodies are required to pay the champion's flight and hotel accommodations to the World Brewers Cup for the purpose of representing their country for the duration of the competition. Above and beyond this, Competitors are responsible for their own expenses related to the competition, including, but not limited to: additional travel and accommodation needs, supplies and ingredients, local transport, and additional personnel. The WCE is not liable for any of the competitor's expenses. If a competitor cannot afford these expenses, it is their responsibility to find a sponsor, or outside party to cover these expenses.

4.1.5 Competitor Questions

All competitors must thoroughly read and understand these Rules and the score sheets. No accommodation or exception will be made for competitors who claim to not understand the Rules or score sheets. All Brewers Cup documents may be downloaded from the World Brewers Cup website. Competitors are encouraged to ask questions prior to arriving at the competition. Competitors will also have the opportunity to ask questions during the official Competitors Meeting held prior to the start of each competition.

4.1.6 Judging

Competitors may not judge in any sanctioned WBrC competition (world, national, regional) in any country, including their own, prior to the conclusion of that year's WBrC Event. Judges may not compete in any sanctioned WBrC competition (world, national or regional) in any country, including their own, prior to the conclusion of that year's WBrC Event. Baristas who participate in judge calibrations as a calibration barista may not compete in any sanctioned WBrC competition (world, national, regional) prior to the conclusion of that year's WBrC event.

Competitors may not select or endorse judges within their National Competition. Competitors who are involved in the management of their National Competition should declare their position via email to WCE outlining their areas on

involvement. Note that this does not necessarily exclude or effect the competitors engagement, however non-disclosure most likely will.

4.1.7 Conflicts of Interest

WCE encourages any potential conflicts of interest to be declared at the soonest opportunity, certainly prior to the commencement of any competition by competitor, judge and/ or event organizer. This applies to both National WCE Sanctioned events as well as the World Competition. Failure to declare a potential conflict in advance of a sanctioned event could result in disqualification from events for an individual, or WCE removing endorsement for an event and its results that do not follow these guidelines. Questions regarding conflicts of interest, or clarification of the above policy should be directed to info@worldcoffeeeevents.org.

5.0 APPLICATION

5.1 COMPETITOR REGISTRATION FORM

Competitors must complete the World Brewers Cup Competitor Registration Form online at www.worldbrewerscup.org and submit a scanned copy of their valid passport or legal documentation of 24 months of employment or scholastic curriculum in the country they represent to the Event Manager at least six weeks prior to World Brewers Cup Event. All approved national champions will receive a confirmation letter that will be sent to the competitor via email within two weeks of receipt of the online registration form and valid passport or legal documentation.

5.2 LAST DATE TO APPLY

Competitors must submit the online competitor registration form and valid passport or legal documentation six weeks prior to the event. In the event the national competition is held less than six weeks prior to World Brewers Cup, national champions must submit the registration form and passport/documentation within 5 days of conclusion of their national competition. Failure to meet these requirements could result in exclusion from competing in the World Brewers Cup.

6.0 TERMS AND CONDITIONS

Upon submitting a World Brewers Cup Competitor Registration Form, competitors acknowledge that they understand the following terms & conditions: (Please note that these terms and conditions include individual responsibilities and requirements of representation imposed on the winner of the World Brewers Cup.)

- A. The winner of the World Brewers Cup is a representative of the World Coffee Events, LTD., the Specialty Coffee Association of America (SCAA) and the Speciality Coffee Association of Europe (SCAE).
- B. Upon entry in the World Brewers Cup and in exchange for the opportunity to win, each competitor in the World Brewers Cup undertakes that they will:
 - i. Permit WCE, SCAA and SCAE to use the competitor's name and image in any format without charge for the purpose of promotion of the WCE, SCAA or the SCAE.
 - ii. Without limiting the generality of clause (a), the formats referred to in clause (a) may include: photographic, video, print, Internet, or any electronic media.
 - iii. Actively work to uphold the good reputation of the WCE, the SCAA and the SCAE when fulfilling these terms and conditions.
- C. Each competitor must read and abide by the Competitor Code of Conduct document found on the World Brewers Cup website.
- D. The winner of the World Brewers Cup must read and abide by the Champion Code of Conduct found on the World Brewers Cup website.

7.0 ENFORCEMENT OF RULES AND REGULATIONS

The WCE will employ these Rules & Regulations throughout the competition. If a competitor violates one or more of these Rules & Regulations, they may be automatically disqualified from the competition, except when the Rules designate a specific enforcement or consequence. If a judge or competition organizer causes the violation of one or more of these Rules, a competitor may submit an appeal, according to the process detailed in the section "Competitor Protest and Appeals."

8.0 COMPETITION SUMMARY

- A. The competition is divided into two rounds: Round One and Finals Round.
- B. Round One consists of two components called Services: the Compulsory Service, and the Open Service.
- C. The Finals Round consists of one Open Service presentation per competitor.

- D. During each competition Service, competitors will be evaluated by three (3) sensory judges. Additionally a head judge will be present, and will taste the cups served. The head judge will evaluate uniformity of cups served, and overall workflow. These items will count towards the final score.
- E. During each Service, competitors will prepare and serve three (3) individual and separate beverages, one for each sensory judge.
- F. Competitors may utilize any set of brewing devices of their choosing, so long as they qualify according to the definitions in these Rules (section 9.7).
- G. For each Service, competitors will have five (5) minutes of Setup Time to set up the competition area in preparation for and prior to the Service.
- H. During the Compulsory Service competitors will have seven (7) minutes of Competition Time to prepare and serve their Beverages, without any presentation or demonstration. Competitors will be limited to utilizing only the whole bean coffee provided by the Brewers Cup competition.
- I. In the Open Service competitors may utilize any Whole Bean Coffee of their choosing and will have 10 minutes of Competition Time to prepare and serve their beverages with an accompanying presentation.
- J. All three beverages within each competition service must be prepared using the same whole bean coffee.
- K. Competitors may choose to use the same Open Service coffee in both competition rounds, or a different coffee of their choosing without restriction.
- L. Competitors may produce as many beverages as they like during their competition time. Only the beverages served to the judges will be evaluated.
- M. TDS measurements will be taken of each served beverage (for competitor reference).
- N. For National Competitions and subordinate feeder competitions (regional competitions, heats, etc.) only: At the discretion of the National Body or competition organizer, a competition may be held with a Round One that consists of only a Compulsory Service (with an Open Service in the Finals Round).
- O. Competitors may be scheduled to present their Compulsory Service and Open Service with only a short amount of time in between to prepare and reset their wares for the following service, so competitors should be aware of their scheduled times and work quickly.
- P. National Competitions (and subordinate competitions) may choose to hold the two Round One Services concurrently (requiring two sets of judges), or consecutively.

9.0 STANDARDS AND DEFINITIONS

9.1 COMPULSORY SERVICE

- A. The Compulsory Service is one of two coffee services in the Brewers Cup competition.
- B. Competitors will be given five (5) minutes of Setup Time and seven (7) minutes of Competition Time to prepare and serve three cups of coffee, each brewed individually, to three judges.
- C. Competitors in the Compulsory Service will all use the same whole-bean coffee, the same grinder and water, and the same standardized service vessels as provided by the Brewers Cup competition. The whole-bean coffee will be provided right before each competitor's practice time.
- D. Competitors will, when their competition time begins, prepare and serve their coffees as instructed by the Stage Manager.
- E. The beverages will be evaluated by sensory evaluation only and in accordance with the World Brewers Cup judging protocols (see relevant section below).
- F. In the Compulsory Service, accompanying information (visual, verbal, sensory, etc.) will not be evaluated and should not be presented.

9.2 OPEN SERVICE

- A. The Open Service is one of two coffee services in the Brewers Cup competition.
- B. Competitors will be given five (5) minutes of Setup Time and ten (10) minutes of Competition Time to present, prepare, and serve three cups of coffee, each brewed individually, to three sensory judges.
- C. Competitors in the Finals Round will utilize their own whole-bean coffee and serve Beverages to the judges with an accompanying presentation that enhances the coffee experience.
- D. The competitors will be evaluated by sensory and presentation evaluation in accordance with the World Brewers Cup judging protocols (see relevant section below).

9.3 WHOLE BEAN COFFEE

- A. Whole bean coffee is the accumulation of roasted product of the seed of the fruit of a plant of the genus *Coffea*.
- B. Coffees may not have any additives, flavorings, colorings, perfumes, aromatic substances, liquids, powders, etc. of any kind added at any point between the time the coffee is picked (as cherry) to when it is extracted into beverage. Substances utilized during growing, cultivation, and primary processing of the coffee are permitted (fertilizers, etc.).
- C. Competitors are requested to supply a minimum of 2.0 kg of the same whole-bean coffee they are utilizing in their presentation to the competition organizers to be bulk-brewed for the audience and to brew and serve at the World Brewers Cup Brew Bar.

- D. The provided Compulsory Service coffee will be a medium to medium-light roasted fully-washed specialty-grade coffee (Agtron 55 to 70 Ground on 'gourmet scale'), roasted no more than seven days prior to the competition day. If more than one individual roast-batch is provided, the batches will either be labeled uniquely, or the batches will be completely blended.

9.4 THE BEVERAGE

- A. The beverage must be an extraction from particles of whole bean coffee, using water as the solvent. No other additives of any kind will be allowed, aside from those contained within the relevant definitions of whole bean coffee, brew water, brewing devices, and service vessels. Additional water may be added ("bypass") to the beverage before serving to alter concentration.
- B. The beverage has a total dissolved solids content of less than or equal to 2.00% or 20,000 ppm. This is to limit the beverage to the realm of what is commonly referred to as "filter coffee," distinct from espresso or other categories of coffee-extracted beverage.
- C. Competitors will prepare and serve three individual hot coffee beverages, one to each of the three sensory judges.
- D. Each of the three beverages should be between 120 and 375 mL. If a beverage served is found to be less than 120 mL or more than 375 mL, that particular beverage (cup) will be disqualified and receive no score.
- E. It is not necessary to serve the entire quantity of beverage produced during the coffee preparation.

9.5 BREW WATER

- A. Competitors must utilize the water provided by the competition for Compulsory Service, but competitors may utilize their own brew water for Open Service.
- B. Provided water will be calibrated to within the acceptable ranges according to section 11.2 below.
- C. If a competitor chooses to utilize their own water, the water may be analyzed to ensure that it does not contain prohibited levels of additives or chemicals. Competitors should be aware that the head judge will taste the water at both room temperature and heated, to verify that the water does not contain any flavors or characteristics not typical of clean potable water before the competition time starts. Competitors intending to utilize their own water for Open Service must notify the Event Manager and/or Stage Manager prior to competing.
- D. Provided water will be available both at room temperature and heated to between 96.0 and 98.5°C.
- E. If a competitor chooses to use their own water for Open Service, they must also provide their own device to heat the water to the desired temperature. Electrical power provided to power such devices will be limited to that provided by the competition (see section 11.4).

9.6 GRINDER

- A. A grinder is a device that grinds whole bean coffee into smaller physical particles without changing the chemistry of the coffee, aside from that directly related to the grinding of the coffee (friction, heat, etc.), and does not add any additives to the coffee.
- B. Within the competition area and during competitors' competition time, competitors must NOT use any grinder other than the provided sponsored grinder. At the Open Service, competitors may use the grinder provided by the competition or a grinder that they have provided for themselves outside of the competition area or in advance of the competition time.

9.7 BREWING DEVICE

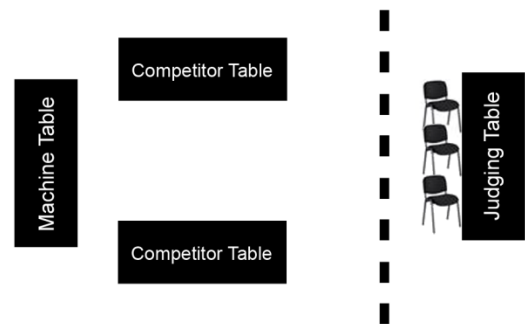
- A. A brewing device is any item that a competitor uses during, and is involved in, the beverage extraction.
- B. Brewing devices must be "manual" in nature, and may not include or involve mechanical action powered by supplemental forces (i.e., electricity) other than those exceptions below:
 - i. Mechanical action powered by the competitor's manual action (i.e. hand and/or arm action), by gravity, or created by the act of coffee brewing itself (i.e. pressure in vacuum brewers, movement in balance brewers) is permitted.
 - ii. Heat sources are allowed (electrical, magnetic, or liquid fuel), provided they are used to heat water or the coffee beverage and not to power any additional mechanism.
 - iii. A machine or mechanism that supplies the competitor with brew water is allowed, though if it involves any automated and/or portioning mechanism (i.e., a machine programmed to dispense a specific quantity of water), it may not be used directly on the coffee. For example, an automatic water delivery machine could dispense into a pouring vessel, but not directly to the coffee.
- C. Competitors must utilize their own brewing devices. While sponsors may make certain brewing devices available for competitor use, competitors are ultimately responsible for supplying their own brewing devices (including filtration media if applicable). The World Brewers Cup cannot be held responsible for the operational or structural integrity of the brewing devices supplied. Competitors using those devices should thoroughly test and inspect them.
- D. Competitors may utilize as many or as few brewing devices as they wish in order to produce the required three preparations within the allotted time.
- E. Brewing devices may not add any additive substances to the beverage whatsoever.

9.8 COFFEE PREPARATION

- A. The coffee preparation for the World Brewers Cup shall consist of separate and individual preparations (brews), one for each judge.
- B. A “separate and individual preparation” is defined as a single extraction directly resulting from one distinct quantity of coffee and one distinct quantity of water. Competitors may therefore NOT serve more than one judge from any distinct and individual preparation (i.e., competitors may NOT prepare a single 1 litre French press and pour it into three cups for the judges. Acceptable service would involve the use of three individual French presses).
- C. The “extraction time” is defined as the duration of time that begins the moment the brew water and coffee grounds first come into contact and ends the moment the competitor stops brewing. Brewing stops when the extracted beverage has completely separated from the coffee bed (water retained within the coffee grounds is not considered part of the “extracted beverage”), or when the barista has cut the flow of extracted beverage into the service vessel, whichever comes first. Water due to pre-wetting of filters will not be considered as “brew water”.
- D. In both competition rounds beverages will be disqualified if the extraction time begins before the competition time begins or if the beverages are served after the full competition time elapses.

9.9 SERVICE VESSEL

- A. A service vessel is a cup, server, or other vessel in which the competitor serves the coffee beverage to the judges.
- B. A minimum of three service vessels are required per coffee service or presentation.
- C. Coffee beverages must be served in one complete portion for each judge (ie, they may not be served in two or more distinct portions of beverage as a “split beverage”). However, a competitor may present empty service vessels as accessories in their service (i.e., serve a French press containing the beverage and an empty cup for the judge to pour into).
- D. Service vessels should not impart any flavor or odors.
- E. There is no restriction on the material, shape, or size of the service vessels, though the judges should be able to pick it up and sip from it directly.
- F. The competition will supply a Standardized Service Vessel with a volume between 150 to 235 mL.
- G. During the Compulsory Service all competitors must serve their coffee in the Standardized Service Vessel.
- H. During the Open Service competitors have the option to use the Standardized Service Vessels or service vessels of their own provision.
- I. The “Aroma” score component will be evaluated as the coffee is served and from the service vessel the beverage is finally served in.
- J. To accelerate cooling, the coffee may be decanted into the Standardized Service Vessel after Aroma is evaluated, if the judges deem necessary. If the Beverage is decanted in this manner there will be no impact on the evaluation.



9.10 TDS MEASUREMENT

- A. A TDS measurement device will be used to measure the total dissolved solids of each brew.
- B. The TDS measurement protocol will be found in this document.
- C. TDS measurements will be recorded on each scoresheet as a percentage to two decimal places (hundredths-place, i.e. 1.15%).
- D. TDS measurements are provided for the competitor’s reference only and will not be involved in the scores.

10.0 COMPETITION AREA

The full competition area for the World Brewers Cup will consist of one Compulsory Service station and two individual Open Service stations. National competitions and feeder competitions (regional competitions, heats, etc.) may utilize competition station configurations that are appropriate to their competitions.

10.1 COMPULSORY SERVICE STATION

The Compulsory Service Station consists of:

- A. Machine Table: A table will support the hot water machine, sponsored coffee grinder, cleaning accessories, and other tools and accessories. The hot water machine and grinder may not be moved by the competitors.
- B. Work table (2): Two separate surfaces will be designated as competitor preparation tables. Competitors will use their assigned table to setup their equipment and prepare their coffees.
- C. Judges table: The judges will be seated at a table, situated in such a way that obscures the judges’ view of the competitors.

10.2 OPEN SERVICE STATION

The Open Service Station consists of:

- A. Judging Table: The judges will be seated side-by-side at a rectangular table (approximately 0.75 to 1.0 meters high, approximately 1.8 meters long, and approximately 0.8 meters wide), facing the competitor and prepared to evaluate the coffees served and competitor presentations.
- B. Machine Table: A table will support the hot water machine, the sponsored coffee grinder, cleaning accessories and other tools and accessories. The hot water machine and grinder may not be moved by the competitors.



Machine Table

11.0 MACHINERY, ACCESSORIES & RAW MATERIALS

11.1 HOT WATER MACHINE

Competitors have the option to use the sponsored hot water dispenser or to supply their own brewing water at Open service. The hot water machine will be set to dispense water between 96.0°C and 98.5°C, measured at the point of use (nozzle or spigot).

Competitors may not change, adjust or replace any element, setting, or component of the hot water machine. Any changes or adjustments made may be grounds for disqualification decided upon by the stage manager and/or head judge. Any damage to the competition equipment due to misuse or abuse is grounds for disqualification.

11.2 WATER

Competitors have the option to use the sponsored water or to supply their own brewing water.

The sponsored official hot water machine will be dispensing sponsored water only. Competitors do not have the option of using their own water with the sponsored hot water machine.

The sponsored water will be calibrated with the following standard as the target:

Odour: Clean/fresh, odour free

Colour: Clear color

Total Chlorine/Chloramine: 0 (zero) mg/L

TDS: 85 mg/L (acceptable range 50-125 mg/L)

Calcium Hardness: 3 grains or 51 mg/L (acceptable range 1-5 grains or 17-85 mg/L)

Total Alkalinity: 40 mg/L (acceptable range at or near 40 mg/L)

pH: 7.0 (acceptable range 6.5 to 7.5)

Sodium: 10 mg/L (acceptable range at or near 10 mg/L)

11.3 GRINDER

A sponsored coffee grinder will be located on the equipment table for competitor use.

Competitors may use the sponsored grinder or another grinder of their choosing for the Open Service, however only the sponsored grinder may be used in the competition area and during the competition time. If a competitor uses a grinder of their choosing (not the sponsored grinder) it may not be used in the competition area (on stage) or during the competition time. It will not be plugged into the electrical supply of the competition stage.

Coffee ground before the competition time will be allowed only at the Open Service. Coffee must be ground using the sponsored grinder during the competition time at the Compulsory Service.

11.4 ADDITIONAL ELECTRICAL EQUIPMENT

Competitors may bring up to two pieces of additional electrical equipment to be used during their coffee preparation and/or presentation. Competitors must notify the WCE event manager prior to arriving at the event of any additional electrical equipment they are bringing (i.e. hot plate, water kettle, etc.). Total power requirements for the additional electrical equipment must be accommodated by a single-phase circuit which will be shared with the grinder(s).

It is the competitors' responsibility to ensure the provided electrical service is sufficient to power the competitor's additional equipment. No "technical appeals" will be accepted due to excessive electrical needs for a competitor's additional equipment.

There is no restriction on additional equipment that does not require use of the provided grounded electrical service, provided such equipment is otherwise permitted by these Rules.

11.5 PROVIDED FACILITIES & EQUIPMENT

The competition area will be equipped with the following:

- Equipment Table (For the provided hot water machine and grinder, and additional equipment)
- Service Table (Judging table)
- Hot water machine
- Official coffee grinder
- Standardized service vessels
- Cleaning brushes (for grinder and counter)
- Trash can and/or compost bin
- Bucket for discarded liquid
- Cupping spoon, water, and napkin for judges

11.6 COMPETITOR EQUIPMENT & SUPPLIES

Competitors are required to bring all supplies necessary for their presentation. Competitors should make allowances for breakage during travel and/or during the competition. Competitors are responsible for and in charge of their own equipment and accessories while at the competition. The World Championship, volunteers and event staff are not responsible for the safety of items left in the competition area.

Competitors NEED bring the following:

- Brewing devices
- Coffee filtration media
- Open Service coffee (Competitors should bring enough for practice, competition, and a minimum of 2kilos for service to attendees)

The following are optional:

- Spare brewing devices
- Additional Electrical Equipment (Maximum two items)
- Brewing device stands
- Brewing device accessories
- Scales (for mass measurement)
- Thermometers (for temperature measurement)
- Timers (for time measurement)
- Additional coffee filtration medium
- Service vessels for Open Service (at least three plus spares)
- Cleaning cloths/rags
- Visualized items such as printed items

The following are NOT allowed:

- Judging table decoration items such as tablecloths, flower, and accessories etc.
- Any sensory/food items for judges except for coffee
- Cupping spoon, water, and napkins for judges (which are provided by WCE)

12.0 COMPETITOR INSTRUCTIONS PRIOR TO PREPARATION TIME

12.1 COMPETITORS' ORIENTATION MEETING

Prior to the start of the World Brewers Cup, a Competitor Orientation Meeting will take place. This meeting is mandatory for all competitors. During this meeting the Event Manager will make announcements, explain the competition flow, cover the competition schedule, and lead a tour of the stage and back stage areas. This will be an opportunity for competitors to ask questions and/or voice concerns to the Event Manager. If a competitor has not made advance plans with the WCE event organizer and does not attend the orientation meeting, they are subject to disqualification by the presiding head judges.

12.1.1 Interpreters

Competitors may bring their own interpreter. When speaking to the competitor the interpreter is only allowed to translate 2016 World Brewers Cup Rules and Regulations – Version 2015.12.22

what the emcee or head judge has said. When a competitor speaks, the interpreter is only allowed to translate exactly what the competitor has said. No additional competition time will be allotted with the use of an interpreter. It is the competitor and coaches responsibility to read the Interpreters best practise document that is available from www.worldbaristachampionship.com. Competitor and Coach will be required to sign a statement confirming that they have read and understand what is required at the orientation meeting prior to the competition.

12.2 COMPULSORY SERVICE COFFEE & PRACTICE TIME

12.2.1 Provided Compulsory Service Coffee

Right before each competitor's practice time starts, each competitor will receive one 350g bag of the Round One coffee. Competitors will use this provided coffee for both practice and competition. See "Standards and Definitions" for more about the provided coffee.

12.2.2 Brewers Cup Practice Time

Competitors will be able to practice brewing with the provided coffee and their own coffee during their scheduled competition day. The WCE event manager will provide details of the Practice Time during the Competitors' Orientation Meeting.

12.3 BE ON TIME

Each competitor should be at the competition at least 30 minutes prior to his/her scheduled preparation time. Any competitor who is not onsite at the start of their competition time will be disqualified.

12.4 STATION MAINTENANCE

Competitors will be responsible for keeping the preparation area clean and ready for the next competitor. There will not be "station maintenance" volunteers, so competitors should clean and organize the station at the end of their competition time.

13.0 ROUND ONE COMPETITION

13.1 SUMMARY

In Round One competitors will present two coffee services: Compulsory Service and Open Service. Scores for Round One will be calculated as the sum of scores for Compulsory Service and Open Service.

Competitors will be assigned a scheduled Setup Time and Competition Time for both Compulsory Service and Open Service. Competitors who are not ready to begin their Setup and/or Competition time at their designated time will be disqualified. If the competition is delayed, competitors should still be ready to begin their setup at the scheduled time.

13.2 COMPULSORY SERVICE

13.2.1 Set-up Time

Competitors will be assigned a scheduled Setup Time for Compulsory Service.

Competitors will have five (5) minutes to setup their station and prepare all relevant items for the Competition Time. Electrical equipment may be setup and plugged in prior to the start of Setup Time, but may not be energized (turned on) until Setup Time begins.

When Setup Time concludes the competitor must cease all active preparation and manipulation of items on the Machine Table and the Competitor Table that will be involved in the coffee service until the Competition Time begins. Competitors may not be holding in their hands anything involved in the coffee service after the Setup Time concludes, with the one exception of a timer.

Competitors should account for the fact that the time between the end of Setup Time and beginning of Competition Time may and shall vary.

13.2.2 Begin Competition Time

Competitors will be scheduled on an alternating and staggered timetable. After their five (5) minutes Setup Time the competitor will start their competition time by announcing this to the timekeeper. The competitor should verify that the timekeeper is prepared to start the timer.

The competitor must begin their competition time before the brew water and coffee first come into contact or they will be disqualified (water used for the "pre-wetting" of filtration media and similarly "non-brew water" will not count toward this).

13.2.3 Competition Time

The competitor has seven (7) minutes to prepare and serve their coffees to the judges.

All competitors must exclusively use the Compulsory Service coffee, as provided by the competition, and no other coffee (whole bean or ground).

No "presentation" should be performed whatsoever. Competitors should endeavour to work quietly. If the Head Judge determines that the competitor is endeavouring to influence or "present" to the judges the competitor may be disqualified per section 7.0

Competitors will not prepare their coffees at the judging table. The judging table is for the evaluation of the beverages only, and judges will not be able to observe the preparation.

Competitors must make the beverage by using the grinder and water provided on the competition stage counter during the competition time.

Beverages must be prepared and served according to these Rules- specifically the "Standards and Definitions" section found in section 8.0

The competitor is to serve the beverages to the judges by placing them on the designated service tray located at the end of the preparation station. A service porter will deliver the beverages to the judges.

13.2.4 End Competition Time

Competition time ends when the competitor serves the third and final beverage, or when their competition time has elapsed, whichever occurs first. A competitor does not need to announce or otherwise indicate the end of their competition time.

Beverages not served within the competition time will receive a total score of zero of the beverage. However, judges may continue to evaluate and score the beverage for the competitor's reference only.

Once the competition time is over, the competitor is to clean up and quickly prepare the station for the next competitor.

13.2.5 Time penalties

- A. If the competitor has not finished his/her presentation during the allotted 7 minute period, he/she is allowed to proceed until the preparation or presentation is completed.
- B. After the 7 minutes has lapsed, 0.5 point shall be deducted for every 1 second over 7 minutes from the competitor's total score up to a maximum penalty of 30 points (1 minute).
- C. Any competitor whose preparation or performance period exceeds 8 minutes will be disqualified

13.3 OPEN SERVICE

13.3.1 Set-up Time

Competitors will be assigned a scheduled Setup Time for Open Service.

Competitors will have five (5) minutes to setup their station and prepare all relevant items for the Competition Time. Electrical equipment may be setup and plugged in prior to the start of Setup Time, but may not be energized (turned on) until Setup Time begins.

When Setup Time elapses the competitor must cease all active preparation or manipulation of items on the Machine Table or Competitor Table that will be involved in the coffee service until the Competition Time begins. Competitors may not be holding in their hands anything involved in the coffee service after the Setup Time elapses, with the exception of a timer.

Competitors should account for the fact that the time between the end of Setup Time and beginning of Competition Time may and shall vary.

13.3.2 Begin Competition Time

Competitors will be assigned a scheduled Open Service competition time. After their five (5) minutes Setup Time the competitor will start their competition time by announcing this to the timekeeper. The competitor should verify that the timekeeper is prepared to start the timer.

13.3.3 Competition Time

Competitors will have ten (10) minutes to prepare, serve, and present three individual preparations of brewed filter coffee to three judges.

Competitors will utilize whole bean (or ground) coffee of their choosing.

Competitors have the option of grinding their coffee and preparing brew water during the competition time or beforehand.

Coffee service should be accompanied by a presentation to the judges that articulates the taste-experience presented, demonstrates excellent customer service and enhances the overall coffee experience

Beverages must be prepared and served according to these Rules.

The competitor is to serve the beverages to the judges by placing them on the judging table, one in front of each judge. Competitors must actively place each beverage in front of a judge in order to for it to be deemed "served."

13.3.4 End Competition Time

Competition time ends either when the competition time has elapsed, when the competitor stops their competition time-clock, or when the competitor raises their hand and announces "time," whichever occurs first.

Beverages not served within the competition time will receive a total score of zero of the beverage. However, judges may continue to evaluate and score the beverage for the competitor's reference only.

The judges will not evaluate based on anything said, served, or presented before or after the competition time.

Once the competition time is over the competitor is to return to the preparation area to clean up and prepare the station for the next competitor.

13.3.5 Time penalties

- A. If the competitor has not finished his/her presentation during the allotted 10 minute period, he/she is allowed to proceed until the preparation or presentation is completed.
- B. After the 10 minutes has lapsed, 0.5 point shall be deducted for every 1 second over 10 minutes from the competitor's total score up to a maximum penalty of 30 points (1 minute).
- C. Any competitor whose preparation or performance period exceeds 11 minutes will be disqualified.

13.3.6 Additional Open Service Information

Competitors should present their coffees with an accompanying presentation that enhances the taste experience of the coffees and relates to exemplary service in a real-world specialty coffee experience.

The presentation will be evaluated based on how well the taste-experience matches the competitor's description.

Presentations may be creative, informative, and entertaining, but should always be focused on enhancing the judges' coffee experience.

Competitors may not serve or present any food, drink, or aromatic experience for the judges other than the brewed coffee served. Any such service will not be evaluated by the judges and zero (0) score will be given in Customer Service category of the score sheet. Competitors may not ask the judges to physically move from their judging positions.

Judges will only evaluate beverages that are served to them. If a competitor changes, modifies, affects, or otherwise interacts with the beverage or the service vessel after it was served to a judge, the beverage is considered served again and any prior evaluation will be disregarded and the judge will evaluate that beverage as a new beverage.

14.0 FINALS ROUND COMPETITION

14.1 SUMMARY

The Finals Round consists of the top six scoring competitors from Round One presenting Open Service presentations to three judges. The Compulsory Service scores from Round One will be carried over to the Finals round.

15.0 TECHNICAL ISSUES

- A. During the preparation and/or competition time, if a competitor feels there is a technical problem with:
 - i. The electrical power supply
 - ii. The provided Official Grinder or Official Brew Water Machine
 - iii. For Open Service only: The audio visual equipment (i.e. the competitor's microphone)...the competitor should raise his/her hand, call "technical" and ask for the Event Manager (during preparation time) or for the Head Judge (during competition time). The time will be stopped.
- B. If the Event Manager agrees there is a technical problem that can be easily resolved they will decide the appropriate amount of time for the competitor to be credited, if appropriate. Once the technician has fixed the problem the competitor's time will resume.
- C. If the technical problem cannot be solved in a timely manner the Event Manager/Head Judge will make the decision whether or not the competitor should wait to continue his/her performance or stop the performance and start again at a rescheduled time.
- D. If a competitor must stop his/her competition time the Event Manager will reschedule the competitor to compete in full again at a later time.
- E. If it is determined that the technical issue is due to competitor error or the competitor's personal equipment the Event Manager may determine that no additional time will be given to the competitor and the preparation or competition time will resume without time being credited.
- F. Unfamiliarity with equipment is not grounds for a technical timeout.

16.0 FORGOTTEN ACCESSORIES

- A. If a competitor has forgotten some of his/her equipment and/or accessories during his/her competition time, he/she must inform the head judge that they have forgotten an item(s) offstage and then retrieve the missing item(s) himself/herself. The competition time will not be stopped.
- B. Nothing may be delivered by the runners, supporters, team members or the audience during the competition time.

17.0 SCOREKEEPING

17.1 OFFICIAL SCOREKEEPING

The official scorekeepers are responsible for keeping all scores confidential.
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17.2 ROUND ONE SCORING

17.2.1 Compulsory Service Scoring

In order to calculate the Total Cup Score, the scores for each of the seven Cup Score components are to be summed (with the scores for Acidity, Body, and Balance being doubled).

The competitor's total Compulsory Service score will be tabulated by adding the total of the three sensory judge scoresheets, one from each judge, and dividing the total by 3. (i.e., scores of 85.25, 91.00, and 89.50, for a combined total of 265.75 will result in a total score of 88.58).

The maximum possible Total Compulsory Service score is 100.

17.2.2 Open Service Scoring

Scores for the Total Cup Score will be tabulated as in Compulsory Service.

To calculate the Presentation Score, the two relevant scoring components will be added together, with the score for Taste Description and Customer Service being doubled.

To calculate the Open Service Score for each scoresheet, the Total Cup Score shall be added to the Total Score of Presentation, and that sum shall be divided by 1.40.

To calculate the competitor's average Total Open Service Score, the three sensory judges' Open Service Scores (one from each scoresheet) will be added together and the total divided by 3. And the total head judge score will be added to the average Total Open Service Score which is multiplied by 1.4, and then the sum will be divided by 1.6. (See Open Service Head Judge Scoresheet) The maximum possible Total Open Service score is 100.

17.2.3 Round One Score

Round One Total Score is calculated by adding the Compulsory Service Score and the Open Service Score. The maximum possible Round One Score is 200.

17.3 FINALS ROUND SCORING

- A. Scores for the Total Cup Score will be tabulated as outlined in Section 17.2.1 Compulsory Service Scoring, above.
- B. To calculate the Presentation Score the two relevant scoring components will be added together (with the score for Taste Description and Customer Service being doubled).
- C. To calculate the Open Service Score for each scoresheet the Total Cup Score shall be added to the Total Score of Presentation, and that sum shall be divided by 1.40.
- D. To calculate the competitor's Total Finals Score the three Finals Scores (one from each sensory judge scoresheet) will be added together and the total divided by 3. And the total head judge score will be added to the average Total Open Service Score which is multiplied by 1.4, and then the sum will be divided by 1.6. (See Open Service Head Judge Scoresheet) The maximum possible Total Finals Open Service score is 100.
- E. Competitors that successfully progress onto the Finals round will have their Compulsory Service score from Round one added to the Finals Round Open Service score to get a total score. The competitor with the highest scores in both Compulsory Service and Finals Round Open Service scores combined will be the winner.

17.4 ROUNDING

Scores shall be rounded to the nearest hundredths-place (i.e., a total score of 88.583333 will be rounded to 88.58)

17.5 TIE SCORES

In Round One: If there is a tie between two or more competitors that results in more than six (6) competitors qualifying for the Finals Round, the procedure to determine placement be the following:

- A. The competitor with the higher Total Compulsory Service score will be ranked higher.
- B. If there is still a tie the competitor with the higher sum of "Flavor" scores on the Compulsory Service scoresheets will be ranked higher.
- C. If there is still a tie the competitor with the higher sum of "Balance" scores on the Compulsory Service scoresheets will be ranked higher.
- D. If there is still a tie the competitor with the higher sum of "Overall" scores on the Compulsory Service scoresheets will be ranked higher.
- E. If the scores are still tied the Finals Round will progress with however many competitors qualify with the top six scores.

In the Finals Round: If there is a tie between two or more competitors, the procedure to determine final standings will be as follows:

- A. The competitor(s) with higher sum of Finals Round Cup Scores (without the Presentation Scores) will be ranked higher.
- B. If there is still a tie the competitor with the higher sum of "Customer Service" points will be ranked higher.
- C. If there is still a tie the competitor with the higher sum of "Taste Description" scores will be ranked higher.

18.0 DEBRIEFING

Following the awards ceremony, competitors will have an opportunity to review their scoresheets with the judges. Competitors will not be allowed to keep his/her original score sheets. Following the competition the WCE event manager will e-mail competitors a copy of his/her scoresheets.

19.0 WORLD BREWERS CUP JUDGING

19.1 WHO IS CERTIFIED TO JUDGE THE BREWERS CUP

- A. Individuals judging the World Brewers Cup must be certified by the World Coffee Events Judges Certification Committee as demonstrating a thorough understanding of these Rules and possessing the necessary skills and experience to effectively and consistently perform complete organoleptic evaluations of coffee extracts (of 2.00% strength or lower) to a standard suitable for a World Championship Event.
- B. For national competitions and feeder competitions (regional competitions, heats, etc.) it is preferable to have judges holding the Certification described above. Individuals lacking this Certification but demonstrating significant experience evaluating coffees using standardized scoresheets (SCAA, COE, etc.) may also be used as judges when necessary.
- C. Judges must watch the World Brewers Cup Judges' Presentation or undergo a suitable training before judging.
- D. Judges must participate in the morning calibration session of each competition day.
- E. One head judge will be designated by the WCE event organizer (based on judging and professional experience) to evaluate Sensory uniformity and Overall workflow and to oversee deliberation of judges during the competition. The head judge will taste the cups served and their uniformity and workflow assessment will count towards final scores. The head judge will also take notes of the taste description and brewing method given by the competitors for reference.

19.2 GOALS AND PURPOSES FOR JUDGES

- A. To support the barista profession.
- B. To promote specialty coffee and coffee excellence in the cup.
- C. To be neutral, fair and consistent when evaluating.
- D. To select a worthy and highly professional Brewers Cup Champion.

19.3 WHAT THE JUDGES ARE LOOKING FOR IN A BREWERS CUP CHAMPION

The judges are looking for a champion who:

- A. Prepares brewed coffee beverages of exemplary quality.
- B. Delivers outstanding customer service.
- C. Can articulate the taste experience offered by their brewed coffee beverages.
- D. Delivers an exceptional overall coffee service experience.

19.4 MAIN TASKS FOR BREWERS CUP JUDGES

Brewers Cup Judges are expected to support the competitor by:

- A. Evaluating and scoring fairly according to these Rules, and without bias or prejudice.
- B. Demonstrating support by being constantly responsive and engaged (i.e., smiling, eye-contact, answering competitors' questions enthusiastically).
- C. Showing respect to the competitor and her/his cultural background.
- D. Writing objective and respectful comments on the scoresheets. The competitors will be given his/her scoresheets after the competition.
- E. Participating in the mandatory debriefing (score sheet review) with the competitors.
- F. Being accessible to the competitor after the competition for further comments.

19.5 WHAT THE JUDGES SHOULD EXPECT FROM THE COMPETITOR

- A. Competitors will have a firm understanding of these Rules.
- B. Preparation, service, and presentation will be in accordance with these Rules.
- C. Competitors will perform within the competition time.

19.6 JUDGES' DO'S AND DON'TS PRIOR TO JUDGING

- A. Judges should refrain from communicating with the competitors regarding specifics about their service, coffee, or presentation, before and during all days of competition. Judges should always be encouraging and positive in interactions with competitors and not avoid them.

- B. Sensory judges should try to only eat bland or neutral tasting food before judging.
- C. Please do not smoke before judging.
- D. Use non-perfumed deodorant.
- E. Do not wear perfume, cologne or scented aftershave.

19.7 JUDGES' BEHAVIOR DURING THE COMPETITION

- A. All judges must be FAIR and HONEST.
- B. All judges must be POSITIVE and RESPECTFUL of the competitor at all times.
- C. Judges must focus only on the coffee they are evaluating during the Compulsory Service.
- D. Judges must listen and focus only on the competitor during the Open Service.
- E. Judges must be prepared for, and actively respond to any reasonable questions from the competitor.
- F. Judges should refrain from talking with one another during the evaluation process.
- G. During Round One, judges shall NOT watch the competitors prepare their brews, lest their sensory evaluation be effected by what they see.

19.8 GUIDELINES FOR JUDGES

Sensory judges should:

- A. Smile and welcome the competitor when introduced.
- B. Answer reasonable questions from the competitor.
- C. Smile and make eye contact with the competitor when they are serving the drinks.
- D. Take care to protect your palate by preventing burns from hot coffee.
- E. Always remember the psychological power and the impact a judge has on the competitor.
- F. Never share an evaluation with another sensory judge on stage.
- G. Never do anything that can be interpreted negatively by the competitor or audience.

19.9 JUDGES' MORNING CALIBRATION

Each competition day, before the competition, the judges pool should engage in coffee calibration.

- A. Judges shall acquire three different brewed coffee beverages of at least 150 mL each.
 - i. For Round One, the beverages should be prepared from the competitions' Provided Coffee, but with varied brew characteristics.
 - ii. For Finals Round, the beverages should each be from a different coffee.
- B. Each beverage should be divided into three portions, one for each judge, and labeled properly.
- C. Judges will taste each beverage a minimum of three times:
 - i. When the coffee beverage is served and has cooled to approximately 70°C ("hot").
 - ii. When the coffee beverage has cooled to approximately 40°C ("warm")
 - iii. When the coffee beverage has cooled to between room temperature and approximately 25°C ("cold").
- D. Judges will evaluate the beverages and record scores on a calibration score sheet.
- E. The calibration exercise is for "priming the palate" and practicing using the score sheets. Judges may confer during this period and ask questions at this time.

20.0 EVALUATION SCALE

The evaluation scale is the same for both Round One and Finals Round score sheets.

Unacceptable : 0

Acceptable : 4 – 4.75

Average : 5 – 5.75

Good : 6 – 6.75

Very Good : 7 – 7.75

Excellent : 8 – 8.75

Extraordinary : 9 – 10

Judges should consider the numerical score to be a code that corresponds with each descriptive word.

Intermediary scores may be utilized in 0.25 point increments, and judges may not use scoring increments smaller than 0.25 points.

A score of Unacceptable (0) is reserved for situations of clear and egregious violations of the Rules, common sense, or minimum standards of professionalism or service.

21.0 COMPULSORY SERVICE EVALUATION PROCEDURE

The following is an exposition of the World Brewers Cup Compulsory Service Judging standards and procedure.

21.1 JUDGING PREPARATION AND PROTOCOL

21.1.1 Judges Table Supply List

- Pencils
- Clipboard (one per judge)
- Judging placemats (A4 size paper with three coded position markings)
- Cupping Spoons
- Spittoons/Cups (optional)

21.1.2 Cupping Spoons and Spittoons

Judges have the option to use cupping spoons to slurp or sip the coffees from, or to slurp or sip directly from the service vessel.

Similarly, Judges have the option to spit the coffees from their mouths, or to consume them.

It is recommended that judges be consistent with their slurping, sipping, spitting, or swallowing through the entire competition.

21.1.3 Observing Competitors

During Compulsory Service, Judges may NOT observe or inspect the competitors and the preparation of the coffees, in order to remove bias or presumption based on what is observed. A curtain or barrier may be used to fully isolate the judges from the Compulsory Service preparations.

21.2 CUP SCORE EVALUATION SCALE

Cup scores are limited to the following range:

6.00 Good	7.00 Very Good	8.00 Excellent	9.00 Extraordinary
6.25	7.25	8.25	9.25
6.50	7.50	8.50	9.50
6.75	7.75	8.75	9.75 – 10.00

Judges should use the Evaluation Scale of: Good, Very Good, Excellent, and Extraordinary.

Judges may not use scores lower than 6.00. Evaluations below the description of “Good” should be given a score of 6.00.

21.3 SCORESHEETS

When served, the judge should move each cup to the evaluation placemat, and mark each placemat position with an alphanumeric code. This code will be recorded in the box marked Cup #.

Each evaluation component is marked with a horizontal (left to right) scale, which is used to rate the judge’s perception of relative quality of the particular component based upon their perception of the sample and experiential understanding of quality.

Some components are marked with vertical scales. The vertical (up and down) scales are used to rank the intensity of the sensory component and are marked for reference and notation, and are not included in the score.

After evaluation, the numeric score should be notated in each box marked Total. Scorekeepers will calculate the sum of the component scores to determine the Total Score.

21.4 CUP SCORE COMPONENTS

Aroma	Flavor	Aftertaste	Acidity x2	Body x2	Balance x2	Overall	Total Score
6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	6 7 8 9 10	
			Intensity High Low	Intensity High Low			

21.4.1 Aroma

Generally speaking, the range of the coffee's aromatic *character* corresponds to the origin of coffee. In contrast, the *intensity* of aromatic character generally relates to the freshness of a coffee, as measured by the length of time between roasting and brewing and depending on the type of packaging used to provide moisture and oxygen protection for the beans.

21.4.2 Flavor

Flavor represents the coffee's principal character, the "mid-range" notes, in between the first impressions given by the coffee's first aroma and acidity to its final aftertaste. It is a combined impression of all the gustatory (taste bud) sensations and retro-nasal aromas that go from the mouth to nose. The score given for Flavor should account for the intensity, quality and complexity of its combined taste and aroma, experienced when the coffee is slurped into the mouth vigorously so as to involve the entire palate in the evaluation.

21.4.3 Aftertaste

Aftertaste is defined as the length of positive flavor (taste and aroma) qualities emanating from the back of the palate and remaining after the coffee is expectorated or swallowed. If the Aftertaste detracts from the experience of the cup (i.e. astringency or bitterness), lower marks should be given; whereas if the aftertaste contributes positively to the experience of the cup, higher marks should be given.

21.4.4 Acidity

Acidity is often described as "brightness" when favourable or "sour" when unfavourable. At its best, acidity contributes to a coffee's liveliness, sweetness, and fresh fruit character and is almost immediately experienced and evaluated when the coffee is first slurped into the mouth. Acidity that is overly intense or dominating may be unpleasant, however, and excessive acidity may not be appropriate to the flavour profile of the sample.

The final score marked on the horizontal tick-mark scale should reflect the judge's perceived quality for the Acidity, relative to the expected flavour profile, based on origin characteristics and/or other factors (degree of roast, intended use, etc.). Judges are encouraged to link the origin, variety, or processing information of the coffee given by competitor to what has been delivered in the cup. Low or High intensities of Acidity can score well if the quality of acidity is high, and works well with the overall experience of the cup.

21.4.5 Body

The quality of body is based upon the tactile feeling of the liquid in the mouth, especially as perceived between the tongue and roof of the mouth. Samples with light or heavy body may receive high scores relative to the quality of the tactile feeling in the mouth. Some samples with lighter Body may also have a pleasant feeling in the mouth. However, coffees expected to be high in body can receive equally high preference scores although their intensity rankings will be quite different. Judges are encouraged to link the origin, variety, or processing information of the coffee given by competitor to what has been delivered in the cup.

21.4.6 Balance

How all the various aspects of Flavour, Aftertaste, Acidity and Body of the sample work together and complement or contrast to each other is Balance. If the sample is lacking in certain aroma or taste attributes or if some attributes are overpowering, the Balance score would be reduced.

21.4.7 Overall

The "overall" scoring aspect is meant to reflect the holistically integrated rating of the sample as perceived by the individual judge. A sample with many highly pleasant aspects, but not quite "measuring up" would receive a lower rating. A coffee that met expectations as to its character and reflected particular origin flavour qualities would receive a high score. An exemplary example of preferred characteristics not fully reflected in the individual score of the individual attributes might receive an even higher score. This is the step where the judges make their personal appraisal.

22.0 CUP EVALUATION PROTOCOL

- A. As soon as the coffee beverage is served, the judge should evaluate the Aroma component. It is important to evaluate this as quickly as possible, because the intensity of aroma will decline as the beverage temperature declines.
- B. A small sample will be taken to measure TDS (see TDS measurement section below).
- C. The coffee beverage may, at this time, be decanted into the standardized service vessel.
- D. When the sample has cooled to 70°C, evaluation of the liquor should begin. The liquor is aspirated into the mouth, either directly sipping from the service vessel or using a spoon, in such a way as to cover as much area as possible, especially the tongue and upper palate. Because the retro nasal vapors are at their maximum intensity at these elevated temperatures, Flavor and Aftertaste are rated at this point.
- E. As the coffee continues to cool, the liquor is sipped from the service vessel or using a spoon to evaluate the Acidity, Body and Balance. Balance is the cupper's assessment of how well the Flavor, Aftertaste, Acidity, and Body fit together in a synergistic combination.
- F. The judge's assessment for the different components is evaluated at three different temperatures as the sample cools:

- i. "Hot" which is defined as approximately 70°C
 - ii. "Warm" which is defined as approximately 40°C
 - iii. "Cold" which is defined as between 25 and 30°C
- G. Judges should clearly indicate a reference point on the tick-mark cupping form for each of the 3 samplings; "Hot", "Warm", and "Cold". This may be done by using the letters H, W, C or by placing a tick or circle on the scale and using arrows to communicate how the cup changed over time.
- H. Evaluation of the liquor should cease when the sample reaches approximately 30°C and the Overall score is determined by the cupper and given to the sample as "Cupper's Points" based on ALL of the combined attributes. Judges will record details on their sensory evaluation in the notes area provided. This is for reference and for the competitor's benefit. Judges should limit their notes and comments to those from a customer or sensory-evaluation perspective, and avoid commentary on the brew method, technique, or device. (i.e., "Sharply acidic" or "bitter" is a valid note. "Brew time too long" or "under-extracted" is NOT a valid note)

23.0 OPEN SERVICE EVALUATION

Cup Evaluation scoring components and evaluation protocol will be the same as in Compulsory Service.

23.1 PRESENTATION EVALUATION SCALE

Presentation scores will use the full range of the Evaluation Scale.

23.2 PRESENTATION SENSORY JUDGE SCORESHEET SECTION

Presentation Scores range from "Acceptable" (4) to "Extraordinary" (10), with "Unacceptable" (0) reserved for situations of clear and conclusive violations of the Rules, common sense, or minimum standards of professionalism or service.

Judges will use the note area and horizontal evaluation scale "tick marks" for reference, and mark the score in the box marked Total after the presentation is over and your sensory evaluation is concluded.

23.3 PRESENTATION SENSORY JUDGE SCORESHEET COMPONENTS

23.3.1 Taste Description

Competitors will be describing details regarding the sensory experience of their coffee beverages. Judges should take detailed notes, particularly those regarding specific taste or otherwise sensory descriptions. Higher marks will be given when the competitor's description of taste that becomes apparent during tasting is both accurate and detailed. However, this is an evaluation of the quality, accuracy, and relevance of their descriptions, not the quantity.

23.3.2 Customer Service

Competitors should be engaging, professional, and provide an exemplary coffee service experience. Competitors will not be expected to craft complex or fine-dining type experiences, and the presentation should relate to a real-world coffee service experience. Service that positively and creatively enhances the coffee experience beyond the cups of coffee beverage will score highly. Proper hygiene during the service and service vessel cleanliness will be taken into account.

24.0 HEAD JUDGE EVALUATION

24.1 PRESENTATION HEAD JUDGE SCORESHEET COMPONENTS

24.1.1 Overall Workflow

Head judge will evaluate the competitor's overall workflow and use of tools, equipment and accessories throughout the station. The head judge will evaluate the competitor's workflow throughout the presentation, including: the organization and placement of tools and accessories; the competitor's movement and flow in and around the work station; the cleanliness

and maintenance of the station (equipment, counters, brewers, service vessels, towels); the management and consistency of brewing process.

24.1.2 Sensory Uniformity

Head judge will evaluate sensory uniformity of three cups served to each judge. After TDS sample is taken, the head judge will taste each cup by the Cup evaluation protocol (see 22.0 Cup evaluation protocol above). And the head judge will evaluate how the taste components are consistent with each other cup through time, except for Aroma.

25.0 TDS MEASUREMENT

25.1 PURPOSE

A filter coffee beverage is typically between 1.0% and 1.5% dissolved solids and approximately 99% water. The proportion that is coffee solids is often referred to as “TDS,” or total dissolved solids.

Conversely, approximately 10% to 25% of the mass of the coffee will be extracted into the beverage. This solubles mass is often referred to as “solubles yield” or “extraction yield.”

The SCAA and SCAE Gold Cup brewing standards, based on consumer taste studies and research, each illustrate a range of variables that achieves desirable beverage taste results. The recommended SCAA TDS range is 1.15% to 1.35%, the SCAE TDS range is 1.20% to 1.45%, and the extraction yield for both standards is 18.0-22.0%.

If the TDS is very low, the common sensory assessment is that the beverage is “weak.”

If the TDS is very high, the common sensory assessment is that the beverage is “strong.”

If the Extraction Yield is very low, it is generally referred to as “underextracted” or “underdeveloped.”

If the Extraction Yield is too high, it is generally referred to as “overextracted.”

For the World Brewers Cup, TDS measurements will be taken for each cup served for competitors to have for their own reference. Competitors are encouraged to calculate the extraction yield of their brews, based on their knowledge of the mass of coffee and brewing water that they utilized for their preparations. Judges will record the ratio of water to coffee if it is specified by the competitor, solely for reference purposes.

25.2 FORMULAS

To calculate extraction yield there are a few methods of varying complexity. The simplest method is to utilize a software calculator that will handle the various calculations. To calculate extraction yield manually, the simplest method is to first take three measurements:

- A. Mass of the coffee grounds
- B. Mass of the coffee beverage
- C. TDS

Extraction Yield = $TDS \times \text{mass of solution} \div \text{mass of coffee grounds}$

25.3 MEASUREMENT PROTOCOL

- A. The beverage is served to each judge. The judge will first assess the Aroma of the beverage.
- B. Immediately after Aroma assessment, a World Brewers Cup Cupping spoon will be used to stir the coffee by dipping the spoon with the concave bowl facing upwards and submerging the spoon to the bottom of the cup. Then the spoon is raised to the top of the liquid and then repeated until it has been stirred three times.
- C. Using a pipet or spoon, a sample of coffee beverage will be transferred to a small clean glass, cup, or shot glass.
- D. If the beverage appears to have suspended solids (fine coffee particles), the sample will be filtered with a paper filter or syringe filter at this point.
- E. As the coffee beverages are cooling and being evaluated, the technician will measure the TDS of the sample with a calibrated measurement device.
- F. The TDS reading will be recorded on the appropriate place on the scoresheet, to the nearest hundredths place (i.e., 1.15%).

26.0 COMPETITOR PROTEST AND APPEALS

26.1 PROTEST

26.1.1 Protest

If a competitor has an issue or protest to make regarding the WBRC during the competition, the competitor should contact the WCE event manager. The event manager will then determine whether the issue can be resolved on-site at the WBRC, or whether the issue will require a written appeal following the WBRC. If the WBRC event manager decides that the issue and/or protest can be solved on-site at the WBRC, the WCE event manager will contact the involved party or parties to ensure fair representation. The competitor’s issue and/or protest will be discussed and a decision will be made jointly, on-

site by the WCE event manager and the designated onsite representative of the WCE Competition Operations Committee. The WCE event manager will inform the competitor of the decision.

26.1.2 Appeal

If a competitor has a complaint that cannot be resolved on-site or the competitor wishes to appeal a decision made on-site, the WCE event manager will ask the competitor to submit his/her formal complaint and/or appeal in writing to the WCE Competitions Operations Committee. All decisions made by the WCE Competitions Operations Committee are final. The complaint and/or appeal letter must include the following:

- 1) Competitor name
- 2) Date
- 3) A clear and concise statement of the complaint
- 4) Date and time references (if applicable)
- 5) Competitor's comments and suggested solution
- 6) Party/Parties involved
- 7) Competitor's contact information

Any written complaints and/or appeals that do not include this information will not be considered. Competitors should submit his/her written complaint and/or appeal to the WCE event manager via email to info@worldcoffeeevents.org within 24 hours of the offending incident or the decision given.

26.1.3 Appeals Reviewed by the WCE Advisory Board

The WCE Advisory Board will review written complaints and appeals within 30 days of receipt. The WCE Advisory Board Chair will contact the competitor in writing via email with the final decision.