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## 1. INTRODUCTION

The International Olympic Committee's (*IOC*) anti-doping programme for the Nanjing 2014 Youth Olympic Games complies with the World Anti-Doping Code and the mandatory *International Standards* that comprise the World Anti-Doping Programme.

The IOC Medical Commission (IOC MC) is responsible for monitoring the Doping Control Programme and ensuring that it is conducted in accordance with the IOC Anti-Doping Rules applicable to the Nanjing 2014 Youth Olympic Games.

NYOGOC, at its expense, will put into place and carry out *Doping Control* under the authority of the IOC MC and in compliance with the provisions of the World Anti-Doping Code and the IOC Anti-Doping Rules applicable to the Nanjing 2014 Youth Olympic Games, which will be applied during Games-time. NYOGOC will be the exclusive service provider for all *Doping Control Testing* at Competition Venues, Training Venues and Athletes' Village and is responsible for establishing the infrastructure and operational provisions to enable both the *Doping Control Testing* as well as the analysis of the *Doping Control Samples*.

The main purpose of the Technical Procedures for Doping Control is to plan for effective *Testing* and to maintain the integrity and identity of the *Samples* collected, from the point when *Athlete* is notified of the test to the point when the *Samples* are transported to the laboratory for analysis.

The meanings of the terms written in *italics* are defined in the relevant *International Standards*.

*Athletes* at the Games may be tested by the *IOC* during the whole *Period of the Games*, regardless of where they are. The *Period of the Games* is defined as being the phase commencing on the day of the opening of the Youth Olympic Village (12 August 2014) and continuing up until and including the day of the Closing Ceremony of the Youth Olympic Games (28 August 2014).

Selection of *Athletes* for *Testing* will be carried out through random selection, targeted selection or based on the *Athlete's* finishing position. All *Samples* collected during the *Period of the Games* will be analysed using *In-Competition Testing Rules*.

Approximately 300 urine tests will be conducted from the opening of the Youth Olympic Village up to and including the day of the Closing Ceremony of the Games. Blood tests may also be conducted. *Samples* collected will be analysed at a *WADA*-accredited laboratory (Beijing Laboratories, China). The results of the tests will be provided to the IOC MC directly from the accredited laboratory no later than 15 days after the Closing Ceremony of the Games.

## 2. PROHIBITED SUBSTANCES AND METHODS

The World Anti-Doping Code 2014 Prohibited List (*International Standard*) will apply during the *Period of the Games*. It lists the substances and methods prohibited for use at the Nanjing 2014 Youth Olympic Games. The Prohibited List can be found on the World Anti-Doping Agency's website ([www.wada-ama.org](http://www.wada-ama.org)).

It is important to note that all *Samples* collected on behalf of the IOC MC and NYOGOC during the *Period of the Games* will be analysed for the substances and methods which are prohibited 'in-competition' according to the 2014 Prohibited List.

## 3. MEDICATION

It is the responsibility of the *Athletes* to determine whether a substance they are using, or considering using, is prohibited. During the Games, *Athletes* are strongly advised to check the status of the medication they are using, or considering using, with their Team Physician. If further clarification is required, the *Athlete* should check with the IOC MC.

During Games-time, if a prohibited substance or method is needed for emergency treatment, an exemption for its therapeutic use must be requested through the corresponding application, as described below.

## 4. THERAPEUTIC USE EXEMPTIONS (TUE)

The details of the Therapeutic Use Exemption (TUE) process, including the TUE application process, the criteria for granting a TUE and the TUE appeals procedure, are outlined in the World Anti-Doping Code available on the World Anti-Doping Association's website ([www.wada-ama.org](http://www.wada-ama.org)).

All *Athletes* competing at the Nanjing 2014 Youth Olympic Games who wish to obtain a TUE are expected to have applied to the relevant *International Federation* so that the TUE is granted no later than the day of the opening of the Youth Olympic Village (12 August 2014). During Games-time, TUE applications may also be submitted to the IOC MC either electronically, by fax or via a dedicated mailbox at the *Doping Control Operations Centre* in the Youth Olympic Village.

The IOC MC will consider a retrospective TUE application for a prohibited substance used during the Games if the prohibited substance was used in an emergency situation or was necessary in order to treat an acute medical condition. The attending physician is responsible for completing a TUE form. This form must be completed as soon as possible after the incident and be presented to the *Doping Control Operations Centre* in the Youth Olympic Village. The decision of the IOC MC will be conveyed to the *Athlete's* NOC.

## 5. TECHNICAL PROCEDURES FOR DOPING CONTROL

The Technical Procedures for *Doping Control* detailed below apply to all *Doping Control* tests conducted in relation to the Nanjing 2014 Youth Olympic Games and at official Games venues. The Technical Procedures outline NYOGOC's implementation of the following areas of *WADA International Standard for Testing (IST)*:

- notification of *Athletes*,
- preparing for the *Sample Collection Session*,
- conducting the *Sample Collection Session*,
- security / post-test administration,
- transport of *Samples* and documentation,
- ownership of *Samples*,
- Appendix A: Investigating a Possible Failure to Comply,
- Appendix B: Modifications for *Athletes* with Disabilities
- Appendix C: Modifications for *Athletes* who are Minors,
- Appendix D: Collection of Urine Samples,
- Appendix E: Collection of Blood Samples,
- Appendix F: Urine Samples – Insufficient Volume
- Appendix G: Urine Samples that do not meet the Requirement for Suitable Specific Gravity for Analysis
- Appendix H: Sample Collection Personnel Requirements

The *IOC* and NYOGOC will be responsible for developing the Test Distribution Plan for the relevant sports in consultation with the respective *International Federation*, in accordance with the *IST*. The Test Distribution Plan will outline the number of *Doping Control* tests to be performed for *Pre- and Post-Competition Testing* during the *Period of the Games*. Selection of *Athletes* for *Testing* will be carried out through random selection, targeted selection or based on the *Athlete's* finishing position. Written agreements will be made between the *IOC*, NYOGOC and each *International Federation* to provide the framework for *Doping Control* tests.

In implementing these Technical Procedures for *Doping Control*, NYOGOC complies with the *WADA Standard on Athlete Privacy and the Protection of Personal Data*.

## 6. NOTIFICATION OF ATHLETES

### 6.1 Objective

The objectives are to ensure that reasonable attempts are made to locate the *Athlete*, that the selected *Athlete* is notified, that the rights of the *Athlete* are maintained, that there are no opportunities to manipulate the *Sample* to be provided, and that the notification is documented.

### 6.2 General

6.2.1 The notification process starts when NYOGOC initiates the notification of the selected *Athlete* and ends when the *Athlete* arrives at the *Doping Control Station* or when the *Athlete's* possible *Failure to Comply* is brought to the attention of the *IOC*.

6.2.2 The main activities are:

- a) appointing *Doping Control Officers (DCOs)*, *Chaperones* and other *Sample Collection Personnel*;
- b) locating the *Athlete* and confirming his/her identity;
- c) informing the *Athlete* that he/she has been selected to provide a *Sample* and of his/her rights and responsibilities;
- d) for *No Advance Notice Sample collection*, continuously chaperoning the *Athlete* from the time of notification to the arrival at the designated *Doping Control Station*; and
- e) documenting the notification, or notification attempts.

### 6.3 Requirements Prior to Notification of Athletes

6.3.1 *No Advance Notice* will be the notification method for *Sample* collection whenever possible.

6.3.2 To conduct or assist with *Sample Collection Sessions*, NYOGOC will appoint and authorise *Sample Collection Personnel* who have been trained for their assigned responsibilities, who do not have a conflict of interest in the outcome of the *Sample* collection, and who are not *Minors*.

6.3.3 *DCOs/Chaperones* will have official identification that is provided and checked by NYOGOC. The minimum identification requirement is an official card/document bearing the names of NYOGOC and the *IOC*.

6.3.4 NYOGOC has established criteria to validate the identity of an *Athlete* selected to provide a *Sample*. These criteria ensure that the *Athlete*

selected and the *Athlete* notified are the same person. Identification will typically be carried out using the *Athlete's* Games-time accreditation or another reliable piece of photo identification. The method of identification of the *Athlete* will be recorded on the *Doping Control* documentation.

- 6.3.5 NYOGOC or the *DCO/Chaperone*, as applicable, will establish the location of the selected *Athlete* and plan the approach and timing of notification, taking into consideration the specific circumstances of the *Competition/training* session and the situation in question.
- 6.3.6 NYOGOC will ensure that reasonable attempts are made to notify *Athletes* of their selection for *Sample* collection. NYOGOC will record in detail *Athlete* notification attempt(s) and outcome(s).
- 6.3.7 The *Athlete* will be the first person notified that he/she has been selected for *Sample* collection, except in cases in which prior contact with a third party is required, as specified in Procedure 6.3.8.
- 6.3.8 NYOGOC or the *DCO/Chaperone*, as applicable, will consider whether it is necessary to notify a third party prior to notifying the *Athlete*. This may include situations where the *Athlete* is a *Minor*, as provided for in Appendix C: Modifications for *Athletes* who are Minors; where required by an *Athlete's* disability, as provided for in Appendix B: Modifications for *Athletes* with Disabilities; or in situations where an interpreter is required and available for the notification.
- 6.3.9 NYOGOC or the *DCO* may change a *Sample* collection from *No Advance Notice* to *Advance Notice*. Any such occurrence will be recorded.
- 6.3.10 For *Advance Notice Sample* Collection, notification will be carried out in a manner which ensures that the *Athlete* successfully receives the notification.

#### 6.4 Requirements for Notification of Athletes

- 6.4.1 When initial contact is made, NYOGOC or the *DCO/Chaperone*, as applicable, will ensure that the *Athlete* and/or a third party (if required) is informed:
- a) that the *Athlete* is required to undergo a *Sample* collection;
  - b) that the *Sample* collection is being conducted under the authority of the IOC;
  - c) of the type of *Sample* collection and of any conditions that must

- be adhered to prior to the *Sample* collection;
- d) of the *Athlete's* rights, including the right to:
  - have a representative and, if available, an interpreter;
  - ask for additional information about the *Sample* collection procedure;
  - request a delay in reporting to the *Doping Control Station* for valid reasons;
  - request modifications, as provided for in Appendix B: Modifications for *Athletes* with Disabilities.
- e) of the *Athlete's* responsibilities, including the requirement to:
  - remain within sight of the *DCO/Chaperone* at all times, from the first moment of in-person notification by the *DCO/Chaperone* until the completion of the *Sample* collection procedure;
  - produce identification;
  - comply with the *Sample* collection procedures and acknowledge the possible consequences of a *Failure to Comply*; and
  - report immediately to the *Doping Control Station* for *Testing*, unless delayed for valid reasons.
- f) of the location of the *Doping Control Station*;
- g) that, should the *Athlete* choose to consume food or fluids prior to providing a *Sample*, he/she does so at his/her own risk;
- h) that the *Athlete* should avoid excessive rehydration, bearing in mind the requirement to produce a *Sample* with a *Suitable Specific Gravity for Analysis*; and
- i) that the *Sample* provided by the *Athlete* to the *Sample Collection Personnel* should be the first urine passed by the *Athlete* subsequent to notification, i.e. he/she should not pass urine in the shower or otherwise prior to providing a *Sample* to the *Sample Collection Personnel*.

6.4.2 When in-person contact is made, the *DCO/Chaperone* will:

- a) keep the *Athlete* under observation at all times until the completion of his/her *Sample Collection Session*;
- b) identify themselves to the *Athlete* using their official NYOGOC accreditation identification card/document; and
- c) confirm the *Athlete's* identity. Any inability to confirm the identity of the *Athlete* will be documented. In such cases, the *DCO* responsible for conducting the *Sample Collection Session* will decide whether it is appropriate to report the situation in accordance with Appendix A: Investigating a Possible Failure to Comply.

6.4.3 The *DCO/Chaperone* will ask the *Athlete* to sign a form to

acknowledge and accept the notification. Should the *Athlete* refuse to sign the form or evade notification, the *DCO/Chaperone* will (if possible) inform the *Athlete* of the consequences of a *Failure to Comply*, and (if the *DCO* is not present) the *Chaperone* will immediately report all relevant facts to the *DCO*. If possible, the *DCO* will proceed to collect a Sample. The *DCO* will document the facts and report the circumstances to NYOGOC and the IOC as soon as possible. The IOC will follow the steps prescribed in Appendix A: Investigating a Possible Failure to Comply.

- 6.4.4 The *DCO/Chaperone* may, at his/her discretion, consider any valid third party requirement or any valid request by the *Athlete* for permission to delay reporting to the *Doping Control Station* following acknowledgement and acceptance of notification, and/or to leave the *Doping Control Station* temporarily after arrival. The *DCO/Chaperone* may grant such permission if the *Athlete* can be chaperoned continuously and kept under direct observation during the delay, and if the request relates to one or several of the following activities:

**For Post-Competition Testing:**

- a) participation in a Victory Ceremony,
- b) fulfilment of media commitments,
- c) competing in further *Competitions*,
- d) performing a warm down,
- e) obtaining necessary medical treatment,
- f) locating a representative and/or interpreter,
- g) obtaining photo identification, or
- h) any other reasonable circumstances which can be justified, and which shall be documented.

**For Testing not carried out directly after a Competition:**

- a) locating a representative and/or an interpreter,
- b) completing a training session,
- c) receiving necessary medical treatment,
- d) obtaining photo identification, or
- e) any other reasonable circumstances which can be justified, and which shall be documented.

- 6.4.5 The *DCO* or another member of the Sample Collection Personnel will document the reasons for a delay in the *Athlete* reporting to the *Doping Control Station* and/or reasons for the *Athlete* leaving the *Doping Control Station* after having arrived that may require further investigation by the IOC. Any failure by the *Athlete* to remain under constant observation shall be recorded.



- 6.4.6 A *DCO/Chaperone* will reject a request for delay from an *Athlete* if it will not be possible for the *Athlete* to be chaperoned continuously.
- 6.4.7 If an *Athlete* who has been informed of an Advance Notice *Sample* collection fails to report to the *Doping Control Station* at the designated time, the *DCO* will use his/her judgment to decide whether to attempt to contact the *Athlete*. The *DCO* will, in all cases, wait for a period of *thirty (30) minutes* following the scheduled appointed time before departing. If the *Athlete* has still not reported to the *Doping Control Station* by the time the *DCO* departs, the *DCO* will follow the requirements set out in Appendix A: Investigating a Possible Failure to Comply.
- 6.4.8 If the *Athlete* delays reporting to the *Doping Control Station* (other than in accordance with Procedure 6.4.4) but arrives prior to the *DCO's* departure, the *DCO* will decide whether to report a possible Failure to Comply. If at all possible, the *DCO* will proceed with collecting a *Sample* and will document the details of the delay in the *Athlete* reporting to the *Doping Control Station*.
- 6.4.9 If, while keeping the *Athlete* under observation, a member of the *Sample Collection Personnel* observes any matter with potential to compromise the test, the circumstances will be reported to and documented by the *DCO*. If deemed appropriate by the *DCO*, the *DCO* will follow the requirements of Appendix A: Investigating a Possible Failure to Comply and/or consider whether it is appropriate to collect an additional *Sample* from the *Athlete*

## 7. PREPARING FOR SAMPLE COLLECTION

### 7.1 Objective

The objective is to prepare for the *Sample Collection Session* in a manner that ensures that the session can be conducted efficiently and effectively.

### 7.2 General

- 7.2.1 Preparation for the *Sample Collection Session* starts with the establishment of a system for obtaining relevant information for conducting the session effectively and ends when it is confirmed that the *Sample* collection equipment conforms to the specified criteria.

- 7.2.2 The main activities are:
- a) establishing a system for collecting details concerning the *Sample Collection Session*;
  - b) establishing criteria determining who may be present during a *Sample Collection Session*;
  - c) ensuring that the Doping Control Station meets the minimum criteria prescribed in Procedure 7.3.3; and
  - d) ensuring that *Sample Collection Equipment* used by NYOGOC meets the minimum criteria prescribed in Procedure 7.3.6.

### 7.3 Requirements for preparing for the Sample Collection Session

- 7.3.1 NYOGOC will obtain all the information necessary to ensure that the *Sample Collection Session* can be conducted efficiently and effectively, including special requirements to meet the needs of *Athletes* with disabilities, as provided for in Appendix B: Modifications for *Athletes* with Disabilities.
- 7.3.2 As the *Athletes* taking part in the Youth Olympic Games are *Minors*, special requirements must be made to meet their needs. These special requirements are outlined in Appendix C: Modifications for *Athletes* who are *Minors*.
- 7.3.3 The DCO will use a *Doping Control Station* which guarantees the *Athlete's* privacy and which can be used solely as a *Doping Control Station* for the duration of the *Sample Collection Session*. The DCO will record any significant deviations from these criteria.
- 7.3.4 *Doping Control Stations* will be located at all Competition Venues and at the Youth Olympic Village. The Venue Doping Control Manager or his representative is responsible for managing the operations and workforce in the *Doping Control Station* of a given venue.
- 7.3.5 These procedures establish minimum criteria determining who (in addition to the *Sample* collection personnel and members of the NYOGOC *Doping Control Team*) may be present during the *Sample Collection Session*. This includes:
- a) an *Athlete's* entitlement to be accompanied by a representative and/or interpreter during the *Sample Collection Session*, except while the *Athlete* is providing a urine *Sample*;

- b) a *Minor Athlete's* entitlement, and the witnessing *DCO/Chaperone's* entitlement, to have a representative observe the witnessing *DCO/ Chaperone* while the *Minor Athlete* is providing a urine *Sample*. This representative will, however, not directly observe the giving of the *Sample* unless requested to do so by the *Minor Athlete*;
- c) a disabled *Athlete's* entitlement to be accompanied by a representative, as provided for in Appendix B: Modifications for Athletes with Disabilities;
- d) the entitlement of an *IOC* representative to be present at the *Sample Collection Session*;
- e) the entitlement of a representative of the relevant *International Federation* to be present at the *Sample Collection Session*.

7.3.6 The *DCO* will only use *Sample* collection equipment systems that have been authorised by NYOGOC. At minimum, these will:

- a) have a unique numbering system incorporated into all bottles, containers, tubes or any other item used to store the *Athlete's Sample*;
- b) have a sealing system that is tamper-evident;
- c) ensure that the identity of the *Athlete* is not apparent from the equipment itself; and
- d) be clean and sealed prior to use by the *Athlete*.

7.3.7 NYOGOC will use Berlinger *Sample* collection equipment.

7.3.8 Photographs and any video or tape recordings may only be taken inside the *Doping Control Station* with the permission of the *Doping Control Station* Manager and only when the *Doping Control Station* is not in operation. No photographs, video or tape recordings may be taken when the *Doping Control Station* is in operation. Mobile telephones may be used as telephones but not as cameras. However, all mobile telephones must be silent mode while the *Sample* is being given.

## 8. CONDUCTING THE SAMPLE COLLECTION SESSION

### 8.1 Objective

The objective is to conduct the *Sample Collection Session* in a manner that ensures the integrity, security and identity of the *Sample* and respects the privacy of the *Athlete*.

## 8.2 General

- 8.2.1 The *Sample Collection Session* starts with defining overall responsibility for the conduct of the *Sample Collection Session* and ends once the *Sample* collection documentation is complete.
- 8.2.2 The main activities are:
- a) preparing to collect the *Sample*;
  - b) collecting and securing the *Sample*; and
  - c) documenting the *Sample* collection.

## 8.3 Requirements Prior to Sample Collection

- 8.3.1 NYOGOC will be responsible for the overall conduct of the *Sample Collection Session*, with specific responsibilities delegated to the *DCO*.
- 8.3.2 The *DCO* will ensure that the *Athlete* is informed of his/her rights and responsibilities, as specified in Procedure 6.4.1.
- 8.3.3 The *DCO* will provide the *Athlete* with the opportunity to hydrate. The *Athlete* should, however, avoid excessive hydration, bearing in mind the requirement to provide a *Sample* with a *Suitable Specific Gravity for Analysis*.
- 8.3.4 The *Athlete* will only leave the *Doping Control Station* under continuous observation by the *DCO/Chaperone* and with the approval of the *DCO*. As specified in Procedure 6.4.4, the *DCO* will consider any reasonable request made by the *Athlete* to leave the *Doping Control Station* until he/she is able to provide a *Sample*.
- 8.3.5 If the *DCO* grants approval for the *Athlete* to leave the *Doping Control Station*, the *DCO* will agree with the *Athlete* on the following conditions of leave:
- a) the purpose of the *Athlete* leaving the *Doping Control Station*,
  - b) the time of return (or return upon completion of an agreed activity),
  - c) that the *Athlete* must remain under observation at all times, and
  - d) that the *Athlete* shall not pass urine until he/she returns to the *Doping Control Station*.

- 8.3.6 The *DCO* will document this information agreed to as well as the actual time of the *Athlete's* departure and subsequent return.

#### 8.4 Requirements for Sample Collection

- 8.4.1 The *DCO* will collect the *Sample* from the *Athlete* according to the following procedures for the specific type of *Sample* collection:

- a) Appendix D: Collection of Urine Samples; and
- b) Appendix E: Collection of Blood Samples.

- 8.4.2 Any anomalies or behaviour by the *Athlete* and/or persons associated with the *Athlete* which could potentially compromise the *Sample* collection will be recorded by the *DCO*. If appropriate, NYOGOC and/or the *DCO* will apply Appendix A: Investigating a Possible Failure to Comply.

- 8.4.3 If there are doubts as to the origin or authenticity of the *Sample*, the *Athlete* will be asked to provide an additional *Sample*. In this case, both *Samples* shall be sent to the WADA-accredited laboratory. If the *Athlete* refuses to provide an additional *Sample*, the *DCO* will document in detail the circumstances of the refusal, and NYOGOC will apply Appendix A: Investigating a Possible Failure to Comply.

- 8.4.4 The *DCO* will provide the *Athlete* with the opportunity to document any concerns he/she may have about how the *Sample Collection Session* was conducted.

- 8.4.5 In conducting the *Sample Collection Session*, the following information will be recorded, as a minimum:

- a) the date, time and type of notification (No Advance Notice, Advance Notice, pre-competition or post-competition),
- b) the time of arrival at *Doping Control Station*,
- c) the date and time of *Sample* provision,
- d) the name of the *Athlete*,
- e) the date of birth of the *Athlete*,
- f) the gender of the *Athlete*,
- g) the *Athlete's* accreditation number, which gives access to the *Athlete's* home address and telephone number via the NYOGOC database,
- h) the *Athlete's* sport and discipline,
- i) the name of the *Athlete's* coach and doctor,
- j) the *Sample* code number,

- k) the name and signature of the *Chaperone* or *DCO* who witnessed the urine *Sample* being given,
- l) the name and signature of the *Blood Collection Officer* who collected the blood *Sample* (where applicable),
- m) the required laboratory information on the *Sample*,
- n) medication and supplements taken, as declared by the *Athlete*, and details of any recent blood transfusions (if applicable), within the time frame specified by the laboratory,
- o) any irregularities in procedures,
- p) comments or concerns made by the *Athlete* regarding the conduct of the *Sample Collection Session* (if any are provided),
- q) the name and signature of the *Athlete*,
- r) the name and signature of the *Athlete's* representative (where applicable), and
- s) the name and signature of the *DCO*.

8.4.6 At the conclusion of the *Sample Collection Session*, the *Athlete* and *DCO* will sign the appropriate documentation to indicate their satisfaction that the documentation accurately reflects the details of the *Athlete's Sample Collection Session*, including any concerns recorded by the *Athlete*. Since the *Athlete* is a Minor, the *Athlete's* representative (if any is present) and the *Athlete* will both sign the documentation. Other persons present who played a formal role during the *Athlete's Sample Collection Session* may sign the documentation as a witness of the proceedings.

8.4.7 The *DCO* will provide the *Athlete* with a copy of the records of the *Sample Collection Session* that have been signed by the *Athlete*.

## 9. SECURITY/POST-TEST ADMINISTRATION

### 9.1 Objective

The objective is to ensure that all *Samples* collected at the *Doping Control Station* and all *Sample* collection documentation are securely stored prior to transporting from the *Doping Control Station*.

### 9.2 General

Post-test administration begins when the *Athlete* leaves the *Doping Control Station* after providing a *Sample*. Post-test administration ends with preparation of all of the collected *Samples* and related documentation for transportation.

### 9.3 Requirements for Security / Post –Test Administration

- 9.3.1 NYOGOC has established criteria to ensure that all *Samples* will be stored in a manner that protects their integrity, identity and security prior to transport from the *Doping Control Station*. The *DCO* will ensure that all *Samples* are stored in accordance with these criteria. These criteria are ensuring that *Samples* are placed in a lockable refrigerator within the *Doping Control Station* prior to transport.
- 9.3.2 Without exception, all *Samples* collected will be sent for analysis to a *WADA*-accredited laboratory (Beijing Laboratory, China).
- 9.3.3 The *DCO* will ensure that the documentation for each *Sample* is completed and handled in a secure manner.
- 9.3.4 NYOGOC will ensure that, where required, instructions regarding the type of analysis to be conducted are provided to the *WADA*-accredited laboratory.

## 10. TRANSPORT OF SAMPLES AND DOCUMENTATION

### 10.1 Objective

- 10.1.1 The objective is to ensure that *Samples* and related documentation arrive at the *WADA*-accredited laboratory in the condition required to carry out the necessary analysis.
- 10.1.2 The objective is to ensure that the *Sample Collection Session* documentation is sent by the *DCO* to the *IOC* in a secure and timely manner.

### 10.2 General

- 10.2.1 Transport starts when the *Samples* and documentation leave the *Doping Control Station* and ends with the confirmed receipt of the *Samples* and *Sample* collection documentation at their intended destination(s).
- 10.2.2 The main activities are the following: arranging for the secure transport of *Samples* and related documentation to the

WADA-accredited laboratory; and arranging for the secure transport of Sample collection documentation to the IOC.

### 10.3 Requirements for Transport and Storage of Samples and Documentation

- 10.3.1 NYOGOC has authorised a transport system which will ensure that *Samples* and documentation will be transported in a manner that protects their integrity, identity and security.
- 10.3.2 *Samples* will always be transferred to the WADA-accredited laboratory using an NYOGOC-authorised method of transport as soon as practicable after the completion of the *Sample Collection Session*. *Samples* will be transported in a manner which minimises the potential for Sample degradation resulting from factors such as time delays and extreme temperature variations.
- 10.3.3 Documentation identifying the *Athlete* will not be included with the *Samples* or with documentation sent to the WADA-accredited laboratory or as otherwise approved by WADA.
- 10.3.4 a) NYOGOC will send all relevant *Sample Collection Session* documentation to the IOC using an NYOGOC-authorised method of transport as soon as practicable after the completion of the *Sample Collection Session*.  
b) If required, the DCO will complete all necessary documentation for customs purposes.
- 10.3.5 a) The Chain of Custody will be checked by NYOGOC if receipt of either the *Samples* with accompanying documentation or the *Sample* collection documentation is not confirmed at their intended destination, or if a *Sample's* integrity or identity may have been compromised during transport. In this instance, NYOGOC will inform the IOC, and the IOC will consider whether the *Sample* should be voided.  
b) The opening of the transport bag by customs, border authorities or NYOGOC security staff will not, in itself, invalidate laboratory results.
- 10.3.6 Documentation related to a *Sample Collection Session* and/or an anti-doping rule violation will be stored by the IOC for a minimum of eight (8) years.



## **11. OWNERSHIP OF SAMPLES**

The *IOC* owns the *Samples* collected from the *Athlete*.

## APPENDIX A: INVESTIGATING A POSSIBLE FAILURE TO COMPLY

### A.1 Objective

The objective is to ensure that any matters occurring before, during or after a *Sample Collection Session* that may lead to a determination of a possible *Failure to Comply* are assessed, acted upon and documented.

### A.2 Scope

Investigating a possible *Failure to Comply* begins when the *IOC*, *NYOGOC* or a *DCO* becomes aware of a possible *Failure to Comply* and ends when the *IOC* takes appropriate follow-up action based on the outcome of its investigation into the possible *Failure to Comply*.

### A.3 Responsibility

- A.3.1 The *IOC* is responsible for ensuring that:
- a) any matters with the potential to compromise an *Athlete's* test are assessed by means of an initial review according to the *IOC* Anti-Doping Rules in order to determine if a possible *Failure to Comply* has occurred;
  - b) all relevant information and documentation, including (where applicable) information from the immediate surroundings, is obtained as soon as possible or practical in order to ensure that all knowledge of the matter can be reported and be presented as possible evidence;
  - c) appropriate documentation is completed in order to report any possible *Failure to Comply*;
  - d) the *Athlete* or other person is informed of the possible *Failure to Comply* in writing and has the opportunity to respond; and
  - e) the final determination is made available to other *Anti-Doping Organisations*, in accordance with the World Anti-Doping Code.
- A.3.2 The *DCO* is responsible for:
- a) informing the *Athlete* or other person that a *Failure to Comply* could result in a violation of the anti-doping rules;
  - b) where possible, completing the *Athlete's Sample Collection Session*; and
  - c) providing a detailed written report of any possible *Failure to Comply*.
- A.3.3 The other members of the *Sample Collection Personnel* are responsible for:
- a) informing the *Athlete* or other person that a *Failure to Comply* could result in a violation of the anti-doping rules; and
  - b) reporting to the *DCO* any possible *Failure to Comply*.

## A.4 Requirements

- A.4.1 Any possible *Failure to Comply* will be reported by the *DCO* and/or followed up by the *IOC* as soon as practical.
- A.4.2 If the *IOC* determines that there has been a possible *Failure to Comply*, the *Athlete* or other person will be notified in the course of the initial review:
- a) of the possible consequences;
  - b) that a possible *Failure to Comply* is being investigated by the *IOC*; and
  - c) that appropriate follow-up action will be taken.
- A.4.3 Any additional necessary information about the possible *Failure to Comply* will be obtained from all relevant sources, including the *Athlete* or other person, as soon as possible and recorded.
- A.4.4 The *IOC* will ensure that the outcomes of its initial review into the possible *Failure to Comply* are considered for results management action and, if applicable, for further planning and targeted *Testing*.

## APPENDIX B: MODIFICATION FOR ATHLETES WITH DISABILITIES

### B.1 Objective

The objective is to ensure that, where possible, the special needs of *Athletes* with disabilities are considered in relation to the provision of a *Sample*, without compromising the integrity of the *Sample Collection Session*.

### B.2 Scope

Determining whether modifications are necessary starts with identification of situations where *Sample* collection involves *Athletes* with disabilities and ends with modifications to *Sample* collection procedures and equipment (where necessary and where possible).

### B.3 Responsibility

NYOGOC is responsible for ensuring, where possible, that the *DCO* has any information and *Sample* collection equipment necessary to conduct a *Sample Collection Session* with an *Athlete* with a disability. The *DCO* is responsible for *Sample* collection.

### B.4 Requirements

- B.4.1 All aspects of notification and *Sample* collection for *Athletes* with disabilities will be carried out in accordance with the standard notification and *Sample* collection procedures, unless modifications are necessary due to the *Athlete's* disability.
- B.4.2 In planning or arranging *Sample* collection, NYOGOC and the *DCO* will consider whether there will be any *Sample* collection for *Athletes* with disabilities that may require modifications to the standard procedures for notification or *Sample* collection, including to the *Sample* collection equipment and facilities. If requested, the *DCO* will provide the *Athlete* with a new sterile catheter to provide a *Sample*.
- B.4.3 The *DCO* will have the authority to make modifications as the situation requires when possible and as long as such modifications will not compromise the identity, security or integrity of the *Sample*. All such modifications must be documented.
- B.4.4 Where authorised by the *Athlete* and agreed to by the *DCO*, an *Athlete* with an intellectual, physical or sensory disability can be assisted by the *Athlete's* representative or a member of the *Sample Collection Personnel* during the *Sample Collection Session*.

- B.4.5 The *DCO* can decide that, if necessary, alternative *Sample* collection equipment or facilities will be used to enable the *Athlete* to provide the *Sample*, as long as the *Sample's* identity, integrity and security will not be affected.
- B.4.6 For intermittent catheter use, *Athletes* may use their own catheter to provide a *Sample*. Where possible, this catheter should be new and be produced in a tamper-evident wrapping. The *DCO* will inspect all catheters provided by an *Athlete* prior to their use; however, the cleanliness of a used or un-sealed catheter is the responsibility of the *Athlete*.
- B.4.7 *Athletes* who are using urine collection or drainage systems are required to eliminate existing urine from such systems before providing a urine *Sample* for analysis. Where possible, the existing urine collection or drainage system should be replaced with a new catheter or drainage system. The *Athlete* is responsible for ensuring that the system is clean.
- B.4.8 The *DCO* will record modifications made to the standard *Sample* collection procedures for *Athletes* with disabilities, including any applicable modifications specified in the above actions.

## APPENDIX C: MODIFICATION FOR ATHLETES WHO ARE MINORS

### C.1 Objective

The objective is to ensure that the needs of *Athletes* who are *Minors* are met, in relation to the provision of a *Sample*, without compromising the integrity of the *Sample Collection Session*.

### C.2 Scope

Determining whether modifications are necessary starts with identification of situations in which *Sample* collection involves *Athletes* who are *Minors* and ends with modifications to *Sample* collection procedures where necessary and where possible.

### C.3 Responsibility

Wherever possible, the *IOC* will be responsible for ensuring that the *DCO* has all information necessary to conduct a *Sample Collection Session* with an *Athlete* who is a *Minor*. This includes confirming, wherever necessary, that parental consent clauses are in place when arranging *Testing*.

### C.4 Requirements

- C.4.1 All aspects of notification and *Sample* collection for *Athletes* who are *Minors* will be carried out in accordance with the standard notification and *Sample* collection procedures unless modifications are necessary due to the *Athlete* being a *Minor*.
- C.4.2 In planning or arranging *Sample* collection, the *IOC*, NYOGOC and the *DCO* will consider whether there will be any *Sample* collection for *Athletes* who are *Minors* that may require modifications to the standard procedures for notification or *Sample* collection.
- C.4.3 The *DCO* and NYOGOC will have the authority to make modifications as the situation requires, where possible and providing the modifications will not compromise the identity, security or integrity of the *Sample*.

- C.4.4 *Athletes* who are *Minors* should be accompanied by a representative throughout the entire Notification and *Sample Collection Session*. However, the representative will not witness the giving of a urine *Sample* unless requested to do so by the *Minor*. The objective is to ensure that the *DCO/Chaperone* observes the *Sample* provision correctly. Even if the *Minor* declines a representative, the *IOC* or *DCO/Chaperone* (as applicable) will consider whether a third party should be present during notification of and/ or collection of the *Sample* from the *Athlete*.
- C.4.5 For *Athletes* who are *Minors*, the *DCO* will determine who, in addition to the *Sample Collection Personnel*, may be present during the *Sample Collection Session*. These are:
- a) a *Minor's* representative, who will observe the *Sample Collection Session* (including observing the *DCO/Chaperone* when the *Minor* is giving the urine *Sample*, but not directly observing the giving of the urine *Sample* unless requested to do so by the *Minor*); and
  - b) the *DCO's/Chaperone's* representative, who will observe the *DCO/Chaperone* when a *Minor* is giving a urine *Sample*, but without directly observing the passing of the *Sample* unless requested to do so by the *Minor*.
- C.4.6 Should a *Minor* decline to have a representative present during the *Sample Collection Session*, this should be clearly documented by the *DCO*. This does not invalidate the test, but must be recorded. If a *Minor* declines the presence of a representative, the representative of the *DCO/Chaperone* must be present.
- C.4.7 The *IOC* and NYOGOC will consider the appropriate course of action when no adult is present at the *Testing* of an *Athlete* who is a *Minor* and will help the *Athlete* to locate a representative in order to proceed with *Testing*.

## APPENDIX D: COLLECTION OF URINE SAMPLES

### D.1 Objective

The objective is to collect an *Athlete's* urine *Sample* in a manner that ensures:

- a) consistency with relevant principles of internationally recognized standard precautions in healthcare settings so that the health and safety of the *Athlete* and *Sample Collection Personnel* are not compromised;
- b) that the *Sample* meets the *Suitable Specific Gravity for Analysis* and the *Suitable Volume of Urine for Analysis*. Failure of a *Sample* to meet these requirements in no way invalidates the suitability of the *Sample* for analysis. The determination of a *Sample's* suitability for analysis is the decision of the relevant laboratory, in consultation with the *IOC*;
- c) that the *Sample* has not been manipulated, substituted, contaminated or otherwise tampered with in any way;
- d) that the *Sample* is clearly and accurately identified; and
- e) that the *Sample* is securely sealed in a tamper-evident kit.

### D.2 Scope

The collection of a urine *Sample* begins by ensuring that the *Athlete* is informed of the *Sample* collection requirements and ends by discarding any residual urine remaining at the end of the *Athlete's Sample Collection Session*.

### D.3 Responsibility

The *DCO* is responsible for ensuring that all *Samples* are properly collected, identified and sealed. The *DCO* is responsible for directly witnessing the giving of the urine *Sample*.

### D.4 Requirements

- D.4.1 The *DCO* will ensure that the *Athlete* is informed of the requirements of the *Sample Collection Session*, including any modifications provided for in Appendix B: Modifications for Athletes with Disabilities.
- D.4.2 The *DCO* will ensure that the *Athlete* is offered a choice of appropriate equipment for collecting the *Sample*. If the nature of an *Athlete's* disability requires that he/she must use additional or other equipment, as provided for in Appendix B: Modifications for Athletes with Disabilities, the *DCO* will inspect that equipment to ensure that it will not affect the identity or integrity of the *Sample*.
- D.4.3 The *DCO* will instruct the *Athlete* to select a collection vessel.



- D.4.4 When the *Athlete* selects a collection vessel (or any other collection equipment that directly holds the urine *Sample*) the *DCO* will instruct the *Athlete* to check that all seals on the selected equipment are intact and that the equipment has not been tampered with. If the *Athlete* is not satisfied with the selected equipment, he/she may select another. If the *Athlete* is not satisfied with any of the equipment available for the selection, this will be recorded by the *DCO*.
- D.4.5 If the *DCO* does not agree with the *Athlete's* opinion that all of the equipment available for the selection is unsatisfactory, the *DCO* will instruct the *Athlete* to proceed with the *Sample Collection Session*. If the *DCO* agrees with the reasons put forward by the *Athlete* that all of the equipment available for the selection is unsatisfactory, the *DCO* will terminate the *Sample Collection Session*. This will be recorded by the *DCO*.
- D.4.6 The *Athlete* will retain control of the collection vessel and any *Sample* provided until the *Sample* is sealed, unless an *Athlete's* disability means that he/she requires assistance, as provided for in Appendix B: Modifications for *Athletes* with Disabilities. In exceptional circumstances, and where authorised by the *Athlete* and agreed to by the *DCO*, additional assistance may be provided to any *Athlete* during the *Sample Collection Session* by the *Athlete's* representative or the members of the *Sample Collection Personnel*.
- D.4.7 The *DCO* who witnesses the giving of the *Sample* will be of the same gender as the *Athlete* providing the *Sample*.
- D.4.8 The *DCO* should, where practicable, ensure that the *Athlete* thoroughly washes his/her hands prior to giving the *Sample*.
- D.4.9 The *DCO* and *Athlete* will proceed to an area of privacy to collect a *Sample*.

- D.4.10 The *DCO* will ensure that he/she has an unobstructed view of the *Sample* leaving the *Athlete's* body and must continue to observe the *Sample* after it has been given until the *Sample* is securely sealed. The *DCO* will record the witnessing in writing. In order to ensure a clear and unobstructed view of the giving of the *Sample*, the *DCO* will instruct the *Athlete* to remove or adjust clothing which restricts the clear view of the *Sample* being given. Once the *Sample* has been given, the *DCO* will also ensure that the *Athlete* does not pass any additional volume at the time of provision which could have been secured in the collection vessel.
- D.4.11 The *DCO* will verify, in full view of the *Athlete*, that a *Suitable Volume of Urine for Analysis* has been provided.
- D.4.12 If the volume of urine is insufficient, the *DCO* will conduct a partial *Sample* collection procedure, as prescribed in Appendix E: Urine Samples – Insufficient Volume.
- D.4.13 The *DCO* will instruct the *Athlete* to select a *Sample* collection kit containing 'A' and 'B' bottles, in accordance with Rule D.4.4 of Appendix D: Collection of Urine Samples.
- D.4.14 Once a *Sample* collection kit has been selected, the *DCO* and the *Athlete* will check that all code numbers match and that this code number is recorded accurately by the *DCO*.
- D.4.15 If the *Athlete* or *DCO* finds that the code numbers do not match, the *DCO* will instruct the *Athlete* to choose another kit, in accordance with Procedure D.4.4 of Appendix D: Collection of Urine Samples. This will be recorded by the *DCO*.
- D.4.16 The *Athlete* will pour the minimum *Suitable Volume of Urine for Analysis* into bottle 'B' (to a minimum of 30 mL), then pour the remainder of the urine into bottle 'A' (to a minimum of 60 mL). If more than the minimum *Suitable Volume of Urine for Analysis* has been provided, the *DCO* will ensure that the *Athlete* fills bottle 'A' to capacity as per the recommendation of the equipment manufacturer. Should there still be urine remaining, the *DCO* will ensure that the *Athlete* fills bottle 'B' to capacity as per the recommendation of the equipment manufacturer. The *DCO* will instruct the *Athlete* to ensure that a small amount of urine is left in the collection vessel, explaining that this is in order to enable the *DCO* to test the specific gravity of that residual urine, in accordance with Procedure D.4.19.

- D.4.17 Urine should only be discarded when both bottle 'A' and bottle 'B' have been filled to capacity, in accordance with Procedure D.4.16, and after the residual urine has been tested, in accordance with Procedure D.4.19. The *Suitable Volume of Urine for Analysis* shall be viewed as an absolute minimum.
- D.4.18 The *Athlete* will seal the containers as directed by the *DCO*. The *DCO* will check, in full view of the *Athlete*, that the containers have been properly sealed.
- D.4.19 The *DCO* shall test the residual urine in the collection vessel to determine if the *Sample* has a *Suitable Specific Gravity for Analysis*. If the *DCO's* reading indicates that the *Sample* does not have a *Suitable Specific Gravity for Analysis*, the *DCO* will follow Appendix G: Urine Samples not meeting the Requirement for Suitable Specific Gravity for Analysis.
- D.4.20 The *DCO* will ensure that the *Athlete* has been given the option of demanding that any residual urine that will not be sent for analysis is discarded in full view of the *Athlete*.

## APPENDIX E: COLLECTION OF BLOOD SAMPLES

### E.1 Objectives

The objective is to collect an *Athlete's* blood *Sample* in a manner that ensures:

- a) consistency with relevant principles of internationally recognized standard precautions in healthcare settings so that the health and safety of the *Athlete* and *Sample* collection personnel are not compromised;
- b) that the *Sample* is of a quality and quantity that meets the relevant analytical guidelines;
- c) that the *Sample* has not been manipulated, substituted, contaminated or otherwise tampered with in any way;
- d) that the *Sample* is clearly and accurately identified; and
- e) that the *Sample* is securely sealed.

### E.2 Scope

The collection of a blood *Sample* begins with ensuring that the *Athlete* is informed of the *Sample* collection requirements and ends with the *Sample* being properly stored prior to being dispatched for analysis at the *WADA* accredited laboratory.

### E.3 Responsibilities

- E.3.1 The *DCO* is responsible for ensuring that:
- a) each *Sample* is properly collected, identified and sealed; and
  - b) all *Samples* have been properly stored and dispatched in accordance with the relevant analytical guidelines.
- E.3.2 The *Blood Collection Officer* is responsible for collecting the blood *Sample*, answering related questions during the blood *Sample* collection process, and proper disposal of used blood sampling equipment not required for completing the *Sample Collection Session*.

### E.4 Requirements

- E.4.1 Procedures involving blood will be consistent with the local standards and regulatory requirements regarding precautions in healthcare settings.
- E.4.2 Blood *Sample* collection equipment will consist of:
- a) a single *Sample* tube for blood profiling purposes; or
  - b) both an 'A' and a 'B' *Sample* tube for blood analysis; or
  - c) as otherwise specified by the relevant laboratory.
- E.4.3 The *DCO* will ensure that the *Athlete* is informed of the

requirements of the *Sample* collection, including any modifications provided for in Appendix B: Modifications for *Athletes* with Disabilities.

- E.4.4 The *DCO/Chaperone* and *Athlete* will proceed to the area where the *Sample* will be provided.
- E.4.5 In accordance with the *WADA* Guidelines for Blood *Sample* Collection, the *DCO* will ensure the *Athlete* is offered comfortable conditions prior to providing a *Sample*.
- E.4.6 The *DCO* will instruct the *Athlete* to select the *Sample* collection kit/s required for collecting the *Sample* and to check that the equipment selected has not been tampered with and that the seals are intact. If the *Athlete* is not satisfied with the kit selected, he/she may select another. If the *Athlete* is not satisfied with any kits, and no others are available, this will be recorded by the *DCO*.
- E.4.7 If the *DCO* does not agree with the *Athlete* that all of the available kits are unsatisfactory, the *DCO* will instruct the *Athlete* to proceed with the *Sample Collection Session*. If the *DCO* agrees with the *Athlete* that all available kits are unsatisfactory, the *DCO* will terminate the *Sample Collection Session*. This will be recorded by the *DCO*.
- E.4.8 When a *Sample* collection kit has been selected, the *DCO* and the *Athlete* will check that all code numbers match and that this code number is recorded accurately by the *DCO*. If the *Athlete* or *DCO* finds that the code numbers do not match, the *DCO* will instruct the *Athlete* to select another kit. The *DCO* will record this.
- E.4.9 The *Blood Collection Officer* will clean the skin with a sterile disinfectant wipe or swab in a location unlikely to adversely affect the *Athlete* or his/her performance and, if required, apply a tourniquet. The *Blood Collection Officer* will draw the blood *Sample* from a superficial vein into the tube. The tourniquet, if applied, will be removed immediately after the venipuncture has been made.
- E.4.10 The amount of blood removed will be adequate to satisfy the relevant analytical requirements for the *Sample* analysis to be performed.

- E.4.11 If the amount of blood that can be removed from the *Athlete* at the first attempt is insufficient, the *Blood Collection Officer* will repeat the procedure.  
A maximum of three attempts will be made. Should all attempts fail, the *Blood Collection Officer* will inform the *DCO*. The *DCO* will terminate the collection of the *Sample Collection Session* and record this and the reasons for termination.
- E.4.12 The *Blood Collection Officer* will apply a dressing to the puncture site/s.
- E.4.13 The *Blood Collection Officer* will dispose of used blood sampling equipment not required for completing the *Sample Collection Session* in accordance with the required local standards for handling blood.
- E.4.14 The *Athlete* will seal his/her *Sample* into the *Sample* collection kit as directed by the *DCO*. In full view of the *Athlete*, the *DCO* will check that the sealing is satisfactory.
- E.4.15 The sealed *Sample* will be stored in a manner that protects its integrity, identity and security prior to transport from the *Doping Control Station* to the *WADA*-accredited laboratory.
- E.4.16 The *WADA* Guidelines for Blood Sample Collection shall serve as a further source of information for blood collection and *Testing*.
- URINE

## APPENDIX F: URINE SAMPLES-INSUFFICIENT VOLUME

### F.1 Objective

The objective is to ensure that, where a *Suitable Volume of Urine for Analysis* is not provided, appropriate procedures are followed.

### F.2 Scope

The procedure begins with informing the *Athlete* that the *Sample* is not a *Suitable Volume of Urine for Analysis* and ends with the provision of a *Sample* of sufficient volume.

### F.3 Responsibility

The *DCO* is responsible for declaring the *Sample* volume insufficient and for collecting the additional *Sample(s)* in order to obtain a combined *Sample* of sufficient volume.

### F.4 Requirements

- F.4.1 If the *Sample* collected is of insufficient volume, the *DCO* will inform the *Athlete* that a further *Sample* will be collected in order to meet the *Suitable Volume of Urine for Analysis* requirements.
- F.4.2 The *DCO* will instruct the *Athlete* to select partial *Sample* collection equipment, in accordance with Procedure D.4.4 of Appendix D: Collection of Urine Samples.
- F.4.3 The *DCO* will then instruct the *Athlete* to open the relevant equipment, pour the insufficient *Sample* into the container and seal it as directed by the *DCO*.  
The *DCO* will check, in full view of the *Athlete*, that the container has been properly sealed.
- F.4.4 The *DCO* and the *Athlete* will check that the equipment code number, the volume and the identity of the insufficient *Sample* are recorded accurately by the *DCO*. Either the *Athlete* or the *DCO* will retain control of the sealed partial *Sample*.
- F.4.5 While waiting to provide an additional *Sample*, the *Athlete* will remain under continuous observation and be given the opportunity to hydrate.
- F.4.6 When the *Athlete* is able to provide an additional *Sample*, the procedures for collection of the *Sample* will be repeated, as prescribed in Appendix D: Collection of Urine Samples, until a sufficient volume of urine can be achieved by combining the initial and additional *Sample(s)*.

- F.4.7 When the *DCO* is satisfied that the requirements for *Suitable Volume of Urine for Analysis* have been met, the *DCO* and *Athlete* will check the integrity of the seal(s) on the partial *Sample* container(s) containing the previously provided insufficient *Sample(s)*. Any irregularity with the integrity of the seal(s) will be recorded by the *DCO* and investigated according to Appendix A: Investigating a Possible Failure to Comply.
- F.4.8 The *DCO* will then direct the *Athlete* to break the seal(s) and combine the *Samples*, ensuring that additional *Samples* are added sequentially to the first entire *Sample* collected until, as a minimum, the requirement for *Suitable Volume of Urine for Analysis* is met.
- F.4.9 The *DCO* and *Athlete* will then continue with the appropriate sections of Appendix D: Collection of Urine Samples.
- F.4.10 The *DCO* will check the residual urine to ensure that it meets the requirement for suitable specific gravity of urine for analysis.
- F.4.11 Urine should only be discarded when both the 'A' and 'B' containers have been filled to capacity, in accordance with Procedure D.4.16. The *Suitable Volume of Urine for Analysis* shall be viewed as an absolute minimum.



## APPENDIX G: URINE SAMPLES THAT DO NOT MEET THE REQUIREMENT FOR SUITABLE SPECIFIC GRAVITY FOR ANALYSIS

### G.1 Objective

To ensure that appropriate procedures are followed if the urine *Sample* does not meet the requirement for *Suitable Specific Gravity for Analysis*.

### G.2 Scope

The procedure begins with the *DCO* informing the *Athlete* that a further *Sample* is required and ends either with the collection of a *Sample* that meets the requirements for *Suitable Specific Gravity for Analysis*, or with the appropriate follow-up action as instructed by the *IOC* (if required).

### G.3 Responsibility

NYOGOC is responsible for establishing procedures to ensure that a suitable *Sample* is collected. If the original *Sample* collected does not meet the requirements for *Suitable Specific Gravity for Analysis*, the *DCO* will be responsible for collecting additional *Samples* in accordance with G.4..

### G.4 Requirements

- G.4.1 The *DCO* will determine if the *Sample* does not meet the requirements for *Suitable Specific Gravity for Analysis*.
- G.4.2 The *DCO* will inform the *Athlete* that he/she is required to provide a further *Sample*.
- G.4.3 While waiting to provide additional *Samples*, the *Athlete* will remain under continuous observation.
- G.4.4 The *Athlete* will be encouraged not to hydrate excessively, since this may delay the production of a suitable *Sample*.
- G.4.5 The *Athlete* will be instructed to wait at least 30 minutes before providing an additional sample.
- G.4.6 If the *Athlete* cannot wait 30 minutes then the additional sample will be taken sooner, but in this case a further additional sample will be required after a further 30 minutes wait unless there are specific instructions from the *IOC*.
- G.4.7. When the *Athlete* is able to provide an additional *Sample*, the *DCO* will repeat the procedures for collecting the *Sample*, as prescribed in Appendix D: Collection of Urine Samples.

- G.4.8 Given the logistical nature of the Games it would typically be impossible to collect more than two (2) *Samples* from *Athletes* during one *Doping Control* session. As such, the *IOC* will normally require *Athletes* to provide one (1) additional *Sample* in the event the *Athlete's Sample* does not meet the requirements for *Suitable Specific Gravity for Analysis* unless the additional sample was provided less than 30 minutes after the previous sample.
- G.4.9 The *DCO* will record that the *Samples* collected belong to a single *Athlete* and the order in which the *Samples* were provided.
- G.4.10 The *DCO* will then continue with the *Sample Collection Session* in accordance with appropriate sections of Appendix D: Collection of Urine Samples.
- G.4.11 If it is determined that the *Athlete's Samples* does not meet the requirement for *Suitable Specific Gravity for Analysis*, and if the *DCO* determines that for logistical reasons it is impossible to continue with the *Sample Collection Session*, the *DCO* may terminate the *Sample Collection Session*. In such circumstances, the *IOC* should be informed immediately, and the decision may be taken to continue the *Sample* collection process.
- G.4.12 All *Samples* which were collected, irrespective of whether or not they meet the requirement for *Suitable Specific Gravity for Analysis*, will be sent to the *WADA*-accredited laboratory by the *DCO*.
- G.4.13 The *WADA*-accredited laboratory will, in conjunction with the *IOC*, determine which *Samples* shall be analysed.

## APPENDIX H: SAMPLE COLLECTION PERSONNEL REQUIREMENTS

### H.1 Objective

To ensure that *Sample Collection Personnel* have no conflict of interest and have adequate qualifications and experience to conduct *Sample Collection Sessions*.

### H.2 Scope

The procedure concerning *Sample Collection Personnel* requirements starts with the development of the necessary competencies and ends with the provision of identifiable accreditation.

### H.3 Responsibility

NYOGOC is responsible for all activities defined in this Appendix.

### H.4 Requirements—Qualification and Training

- H.4.1 NYOGOC will determine the necessary competence and qualification requirements for the positions of *DCO*, *Chaperone* and *Blood Collection Officer*. NYOGOC will develop duty statements for all *Sample Collection Personnel* that outline their respective responsibilities. As a minimum, these will be that:
- a) *Sample Collection Personnel* shall not be *Minors*; and
  - b) *Blood Collection Officers* will have adequate qualifications and the practical skills required to perform blood collection from a vein.
- H.4.2 NYOGOC will ensure that members of the *Sample Collection Personnel* who have an interest in the outcome of the collection or *Testing* of a *Sample* from any *Athlete* who might provide a *Sample* at a *Sample Collection Session* are not appointed to that same *Sample Collection Session*. *Sample Collection Personnel* are deemed to have an interest in the collection of a *Sample* if they are:
- a) involved in the planning of the sport for which *Testing* is being conducted; or
  - b) related to, or involved in, the personal affairs of any *Athlete* who might provide a *Sample* at that *Sample Collection Session*.
- H.4.3 NYOGOC will ensure that *Sample Collection Personnel* are adequately qualified and trained to carry out their duties.
- H.4.4 The training programme for *Blood Collection Officers* will, as a minimum, include studies of all relevant requirements of the

*Testing* process and familiarisation with relevant standard precautions in healthcare settings.

- H.4.5 The training programme for *DCOs* will, as a minimum, include:
- a) comprehensive theoretical training in different types of *Testing* activities relevant to the position of *DCO*;
  - b) observation, preferably on-site, of all *Sample* collection activities related to requirements in these Technical Procedures for Doping Control; and
  - c) the satisfactory performance of one complete *Sample Collection Session* on-site under observation by a qualified *DCO*, or similar. The requirement related to the actual giving of *Sample* will not be included in the on-site observations.
- H.4.6 As a pre-requisite for joining the NYOGOC Anti-Doping Programme as a *Doping Control Officer*, the individual must already be a certified *Doping Control Officer* in good standing with a *National Anti-Doping Organisation*.
- H.4.7 The training programme for *Chaperones* will include studies of all relevant requirements of the *Sample* collection process.
- H.4.8 NYOGOC and/or the *National Anti-Doping Organisation* will maintain records of education, training, skills and experience.

## H.5 Requirements – Accreditation, Re-accreditation and Delegation

- H.5.1 NYOGOC will accredit and re-accredit *Sample Collection Personnel*.
- H.5.2 NYOGOC will ensure that *Sample Collection Personnel* have completed the training programme and are familiar with the requirements in these rules before granting accreditation.
- H.5.3 Accreditation will only be valid for the duration of the *Olympic Games*.
- H.5.4 Only members of the *Sample Collection Personnel* who have accreditation recognised by NYOGOC will be authorised by NYOGOC to conduct *Sample* collection activities on behalf of the *IOC*.

- H.5.5 DCOs may personally perform any activities involved in the *Sample Collection Session*, with the exception of blood collection. Alternatively, they may direct a *Chaperone* to perform specified activities that fall within the scope of the *Chaperone's* authorised duties.