



**OPCW**

**Technical Secretariat**

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International Cooperation and Assistance Division

S/1156/2014

6 February 2014

ENGLISH only

**NOTE BY THE TECHNICAL SECRETARIAT**

**INVITATION TO APPLY FOR AN ANALYTICAL CHEMISTRY COURSE UNDER THE  
PROGRAMME TO STRENGTHEN COOPERATION WITH AFRICA  
PRETORIA, SOUTH AFRICA, 12 - 23 MAY 2014**

**Purpose of the course**

1. The Technical Secretariat (hereinafter “the Secretariat”) wishes to inform Member States that it will hold an analytical chemistry course in 2014 under the Programme to Strengthen Cooperation with Africa. The course will be supported jointly by the Secretariat, Protechnik Laboratories (Pty) Ltd in South Africa, and the Finnish Institute for the Verification of the Chemical Weapons Convention (VERIFIN) in Helsinki, Finland. The course will be held at the Protechnik Laboratories.
2. The course is intended for chemistry professionals from industry, government, or academia who are involved in the analysis, synthesis, or quality control of chemicals related to the Chemical Weapons Convention (hereinafter “the Convention”). The course will enable participants to gain a sound working knowledge of the principles, procedures, and applications of gas chromatography (GC) and gas chromatography-mass spectrometry (GC-MS) for the analysis of chemicals related to the Convention. The course will accommodate 20 participants.

**Duration of the course**

3. The course will be held from 12 to 23 May 2014. Successful candidates should be prepared to travel three or four days before the course begins in order to be able to register and complete pre-course formalities in a timely manner.

**Content**

4. The course will begin with the provision of training and hands-on experience in sample preparation, and instruction in GC and GC-MS analytical techniques. This will include an explanation of the hardware involved, instrument testing and optimisation, basic maintenance, and trouble-shooting.
5. The second part of the course will focus on the preparation of environmental samples and on how to use GC and GC-MS for the analysis of samples of chemicals related to the Convention. During this part of the course, participants will be provided with



intensive hands-on training in the handling of different sample matrices for subsequent analysis by GC with element-selective detectors, and by GC-MS in electron ionisation and chemical-ionisation modes. Participants will be introduced to the principles of conducting such analyses, as well as to a range of extraction, clean-up, and derivatisation procedures. Aspects relating to the importance of quality control of analytical data, including the use of libraries, will also be covered.

### **Sponsorship**

6. The cost of the course, and of accommodation for all participants, will be covered by the Secretariat. In addition, the Secretariat will pay for international travel, visas, the provision of a daily subsistence allowance, and medical and travel insurance for all participants for the duration of the course.
7. Participants are requested to obtain any necessary visas, including travel visas, before travelling to South Africa. As noted above, the Secretariat will cover the costs of these visas by reimbursing participants upon production of the original receipts. The Secretariat will also send information to the selected participants on applying for South African visas.

### **Admission requirements**

8. Participants should:
  - (a) hold a degree or diploma in chemistry or analytical chemistry from a recognised university or institution;
  - (b) have at least three years of work experience in analytical chemistry or in other relevant fields;
  - (c) have experience working with either GC or GC-MS techniques; and
  - (d) be citizens of African Member States.
9. All course activities will be conducted in English, and no interpretation services of any kind will be provided. Participants are therefore expected to have a good command of both written and spoken English.
10. Participants will be required to sign both a set of terms and conditions for participation in the course, and a confidentiality agreement with the OPCW.

### **Selection procedure**

11. Applications will be carefully screened on the basis of the criteria specified in paragraph 8 above. Only the most suitable applicants will be interviewed. Eligible candidates from laboratories that have sought, or are receiving, support under the Laboratory-Assistance Programme are especially encouraged to apply.

### **Application procedure**

12. Applicants from laboratories in African Member States are invited to complete the application form that is included as the Annex to this Note, making sure in particular



**Annex**

**ANALYTICAL CHEMISTRY COURSE UNDER THE  
PROGRAMME TO STRENGTHEN COOPERATION WITH AFRICA  
PRETORIA, SOUTH AFRICA  
12 – 23 MAY 2014**

**APPLICATION FORM**

Please submit the completed form, together with a brief curriculum vitae, by **31 March 2014** to:

The Head, International Cooperation Branch, OPCW  
Johan de Wittlaan 32, 2517 JR The Hague, the Netherlands  
Fax: +31 (0)70 416 3279 or +31 (0)70 306 3084; email: icb@opcw.org

**Please type or use BLOCK LETTERS.**

Before completing this form, applicants should read the guidelines presented in the cover Note to confirm their eligibility.

Applicants should complete sections 1 to 4, attach the documents listed in section 5 and sign the form at section 6. The form should then be sent either to their National Authority or to the Permanent Representation of their country to the OPCW in The Hague, with a request to complete section 7.

The National Authority or the Permanent Representation should complete section 7 and forward the form to the International Cooperation Branch, OPCW, Johan de Wittlaan 32, 2517 JR The Hague, the Netherlands (fax: +31 (0)70 416 3279; email: icb@opcw.org). The completed form, together with the nominee's curriculum vitae and the required recommendation, must be received by the Secretariat **no later than 25 March 2013**.

<b>SECTION 1. PERSONAL AND CONTACT DETAILS</b>			
Family name of nominee <sup>1</sup>			
Forename(s)			
Work address			
Home address			
Date of birth	Day	Month	Year
Citizenship			
Gender <sup>2</sup>	Male <input type="checkbox"/>	Female <input type="checkbox"/>	

<sup>1</sup> Please give the forenames and family names exactly as they appear in the applicant's passport.

<sup>2</sup> For this and all similar items, please tick the appropriate box.

Passport number			
Date of issue	Day	Month	Year
Expiry date	Day	Month	Year
Place of issue			
Email address			
Telephone numbers, including country and city codes	Home		
	Work		
	Mobile		
Fax numbers, including country and city codes	Home		
	Work		
<b>SECTION 2. EDUCATION AND TRAINING</b>			
Please list each degree or other qualification you have obtained, starting with the most recent.			
1.	Name and location of institution		
	Main field(s) of study		
	Dates attended	From	To
	Degree or qualification obtained		
2.	Name and location of institution		
	Main field(s) of study		
	Dates attended	From	To
	Degree or qualification obtained		
3.	Name and location of institution		
	Main field(s) of study		
	Dates attended	From	To
	Degree or qualification obtained		
4.	Name and location of institution		
	Main field(s) of study		
	Dates attended	From	To
	Degree or qualification obtained		
5.	Name and location of institution		
	Main field(s) of study		
	Dates attended	From	To
	Degree or qualification obtained		

<b>SECTION 3. EMPLOYMENT HISTORY</b>			
What is your profession?			
Please give a brief description of your current work.			
Please list below all posts you have held, starting with the most recent.			
1.	Employer		
	Title		
	Dates	From	To
2.	Employer		
	Title		
	Dates	From	To
3.	Employer		
	Title		
	Dates	From	To
4.	Employer		
	Title		
	Dates	From	To
5.	Employer		
	Title		
	Dates	From	To
6.	Employer		
	Title		
	Dates	From	To
Have you received financial or other support from the OPCW within the past three years?	Yes <input type="checkbox"/>		No <input type="checkbox"/>
	If so, please give details.		
Have you applied for any other support from the OPCW?	Yes <input type="checkbox"/>		No <input type="checkbox"/>
	If so, please give details.		
Would you like your name to be placed on our database for other courses?	Yes <input type="checkbox"/>		No <input type="checkbox"/>

**SECTION 4. SUPPORTING STATEMENT**

Please state briefly why you are applying for the course, and indicate both what you expect to gain from it and how it would benefit your work, your institution, and your country.

**SECTION 5. SUPPORTING DOCUMENTATION**

Please attach the following documents to your application:

- a letter of recommendation from your supervisor, which confirms your qualifications in light of paragraph 8 of the Note to which this form is annexed, and that attests to the relevance of this course to the work of the institution at which you are working;
- an up-to-date curriculum vitae;
- a one-page description of your practical experience; and
- a photocopy of the personal identification pages of your passport.

Applications without full supporting documentation cannot be accepted.

**SECTION 6. SIGNATURE OF APPLICANT**

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**SECTION 7. RECOMMENDATION FROM THE NATIONAL AUTHORITY OR THE PERMANENT REPRESENTATION**

Signature, with seal or stamp, of an authorised representative of the National Authority or of the Permanent Representation to the OPCW

\_\_\_\_\_

Date: \_\_\_\_\_