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ENGLISH only

NOTE BY THE TECHNICAL SECRETARIAT

CALL FOR NOMINATIONS FOR THE 2023 INTERNATIONAL TRAINING CYCLE ON ASSISTANCE AND PROTECTION FOR OPCW MEMBER STATES

1. The Technical Secretariat of the OPCW (hereinafter “the Secretariat”) wishes to invite States Parties from all OPCW regions to nominate representatives to participate in the international training cycle related to assistance and protection under Article X of the Chemical Weapons Convention (hereinafter “the Convention”). The cycle will begin with an online foundation course on assistance and protection against chemical weapons, and will be followed by two in-person and two further online trainings, scheduled between June and December 2023.
2. The training cycle will be organised by the Secretariat in cooperation with the Federal Office for Civil Protection and Disaster Assistance of Germany and the Defense Science and Technology Organization of Pakistan. It will provide training for up to 20 sponsored participants in the basics of assistance and protection, with a focus on responding to incidents involving chemical warfare agents and toxic industrial chemicals.
3. The training cycle will be divided into the following components:
 - (a) an online foundation course (from 26 to 29 June 2023);
 - (b) a practical, hands-on basic training course at the Federal Academy for Civil Protection and Civil Defence in Bad Neuenahr-Ahrweiler, Germany (from 11 to 15 September 2023);
 - (c) an online course on the Emergency Response Guidebook, information systems for emergency responders, and the Incident Command System (from 2 to 31 October 2023);
 - (d) a practical, hands-on integrated advanced course and exercise at the Defense Science and Technology Organization in Islamabad, Pakistan (from 13 to 17 November 2023); and
 - (e) a one-day follow-up webinar (in late 2023, exact date to be determined).
4. The online foundation course will offer participants basic theoretical knowledge about the OPCW and the Convention, and discuss chemical warfare agents, toxic industrial chemicals, personal protective equipment, decontamination, as well as detection, identification, and monitoring equipment. The Secretariat will select up to 25 participants to participate in the online foundation course. However, only 20 participants will



ultimately be selected at the end of this training cycle component to continue with subsequent components. The selection will be based on demonstrated commitment to the training and marks earned during the online foundation course.

5. The practical, hands-on basic training course will consist of a combination of theory-based lectures (up to 30% training time) as well as demonstrations of detection, identification, and monitoring and other equipment, and practical training sessions (up to 70% training time). By the end of the course, the participants will have basic knowledge of chemical warfare agents and toxic industrial chemicals and their actions, personal protective equipment and its limitations, the use of detection, identification, and monitoring and decontamination equipment, and procedures. Only 20 participants selected from the foundation course will be sponsored to participate in this on-site component of the training cycle, which will take place at the Federal Academy for Civil Protection and Civil Defence in Bad Neuenahr-Ahrweiler, Germany.
6. The next component of this cycle is an online course covering the Emergency Response Guidebook, electronic information systems for emergency responders, and the Incident Command System, and will provide participants with the tools needed to manage chemical emergencies. This information will be put to use in the subsequent component of the training cycle.
7. The practical, hands-on integrated advanced course and exercise will expand on the knowledge obtained during the three previous components of the training cycle, to enhance and further develop the chemical emergency response capabilities of States Parties. This hands-on training, which will explore complex scenarios in combination with a complex final exercise, is an opportunity to practice and confirm the knowledge and skills acquired during the training cycle. As stated above, only participants who will have successfully completed all preceding components of the training cycle will be invited to the integrated advanced course and exercise, which will take place on-site at the Defence Science and Technology Organization in Islamabad, Pakistan.
8. Given the objectives of the international training cycle, candidates will be carefully selected from the online foundation course and should have a background as first responders in chemical emergency response. As such, preference will be given to applicants from emergency services responsible for responding to incidents involving chemical warfare agents and toxic industrial chemicals. States Parties that have a particular requirement to strengthen preparedness and response capacities will be given priority. Additionally, States Parties and National Authorities are strongly encouraged to seek, support, and endorse the applications of suitable female candidates for the international training cycle.
9. Participants should be physically fit and able to wear personal protective equipment for extended periods during the practical sessions of the course. Please note that a medical certificate may be required to attend the practical, hands-on training components.
10. Participants are responsible for ensuring that they are available to participate in the entire training cycle; they must obtain the required clearances from the relevant authorities based on the invitation letter that will be issued by the Secretariat.

11. Endorsement by the candidates' respective National Authority is a prerequisite for consideration in the selection process. The endorsement process must be completed online before the deadline of 12 June 2023 in Eventus, the OPCW event management system (<https://apps.opcw.org/eventus>).
12. The Secretariat expects to be able to sponsor a maximum of 20 participants for the full cycle. For sponsored participants, the Secretariat will cover the costs of travel, accommodation, airport transfers, medical insurance, and lunch, and will provide a limited subsistence allowance to cover sundry expenses.
13. The Secretariat will seek the most economical options when making travel arrangements for sponsored participants. Sponsored participants are requested to use the tickets provided by the Secretariat. Participants are expected to arrive in the host countries for the on-site components of the training cycle no earlier than one day before the beginning of the course and to depart no later than one day after the completion of the course. The Secretariat will not cover expenses unrelated to the course or that result from unauthorised changes to travel arrangements. Once the Secretariat has purchased their tickets, sponsored participants will be responsible for ensuring that they participate in the training courses. In case of any unforeseen circumstances, participants should immediately contact the focal points responsible for the course (contact details can be found below).
14. Courses will be conducted in English; therefore, participants are required to have a good command of written and spoken English. No interpretation services of any kind will be provided during any of the components of the training cycle.
15. Participants are requested to obtain all necessary visas (including transit visas) before traveling to the host countries. Further details regarding logistics and the final programme will be issued to participants in due course.
16. Interested States Parties are invited to submit nominations **no later than 12 June 2023**, making sure to provide all necessary contact details and valid passport details. Selected participants will be contacted within 14 days of the submission deadline.
17. The provisional programmes for the training cycle are included as Annexes to this Note, and further details will be issued at a later date. Any questions may be addressed to the focal points for this training cycle within the OPCW's Assistance and Protection Branch of the International Cooperation and Assistance Division: Mr Anton Martyniuk (Tel: +31624651333; Email: anton.martyniuk@opcw.org) and Ms Maria Elena Bruno-Pousadela (Tel: +31704163217; Email: mariaelena.bruno-pousadela@opcw.org).

Annexes: Provisional Programmes

Annex 1: Online Foundation Course

Annex 2: Basic Training Course on Assistance and Protection Against Chemical Weapons

Annex 3: Online Course on the Emergency Response Guidebook, Information Systems for Emergency Responders, and the Incident Command System

Annex 4: Integrated Advanced Course and Exercise on Assistance and Protection Against Chemical Weapons

Annex 1**ONLINE FOUNDATION COURSE**

| Contents | |
|--|--|
| Chapter 1 – The Chemical Weapons Convention | |
| | 1.1. Historical review 1.2. The Chemical Weapons Convention 1.3. The Organisation for the Prohibition of Chemical Weapons (OPCW) 1.4. Article X of the Convention |
| Chapter 2 – Introduction to chemical agents | |
| | 2.1. Chemical weapons 2.2. Chemical warfare agents 2.3. Exposure to chemical warfare agents 2.4. Toxic industrial chemicals |
| Chapter 3 – Introduction to personal protective equipment (PPE) | |
| | 3.1. Chemical protection suits 3.2. Respiratory protection 3.3. OPCW protection levels |
| Chapter 4 – Introduction to decontamination | |
| | 4.1. Decontamination overview 4.2. Decontamination stations and corridors 4.3. Decontamination processes 4.4. Decontamination systems |
| Chapter 5 – Introduction to detection and identification | |
| | 5.1. Recognition 5.2. Detection 5.3. Identification |

Annex 2**BASIC TRAINING COURSE ON ASSISTANCE AND PROTECTION AGAINST
CHEMICAL WEAPONS****BAD NEUENAHN-AHRWEILER, GERMANY
11 – 15 SEPTEMBER 2023**

| Time | Activity |
|--|---|
| <i>Sunday, 10 September 2023</i> | |
| | Arrival of participants |
| <i>Day 1 – Monday, 11 September 2023</i> | |
| 09:00 – 10:15 | Welcome address |
| 10:15 – 11:30 | <ul style="list-style-type: none"> – Formalities – Introduction of participants – Introduction to the Federal Academy for Civil Protection and Civil Defence – Course schedule – Photo |
| 11:30 – 12:45 | <i>Lunch break</i> |
| 12:45 – 14:15 | Laws and regulations (the Convention) |
| 14:15 – 14:45 | <i>Coffee/tea break</i> |
| 14:45 – 16:15 | Chemical weapons |
| 16:15 – 16:45 | Summary of Day 1 |
| <i>Day 2 – Tuesday, 12 September 2023</i> | |
| 08:00 – 09:30 | Basic principles of detection and their application on site |
| 09:30 – 11:30 | Detection principles–practical group training |
| 11:30 – 12:45 | <i>Lunch break</i> |
| 12:45 – 13:30 | Basic principles of sampling |
| 13:30 – 14:15 | Sampling (including practical training) |
| 14:15 – 14:45 | <i>Coffee/tea break</i> |
| 14:45 – 16:15 | Continuation: Sampling (including practical training) |
| 16:15 – 16:45 | Summary of Day 2 |
| <i>Day 3 – Wednesday, 13 September 2023</i> | |
| 08:00 – 10:00 | Personal protective equipment (PPE) |
| 10:00 – 10:30 | <i>Coffee/tea break</i> |
| 10:30 – 11:30 | Issuance of PPE to the participants |
| 11:30 – 12:45 | <i>Lunch break</i> |
| 12:45 – 14:15 | PPE practical training |
| 14:15 – 14:45 | <i>Coffee/tea break</i> |
| 14:45 – 16:15 | Basic principles of decontamination |
| 16:15 – 16:45 | Summary of Day 3 |

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| Day 4 – Thursday, 14 September 2023 | |
| 08:00 – 09:30 | Command and control (presentation) |
| 09:30 – 10:00 | <i>Coffee/tea break</i> |
| 10:00 – 11:30 | Introduction to the field exercise |
| 11:30 – 13:00 | <i>Lunch break</i> |
| 13:00 – 16:15 | Field exercise |
| 16:15 – 16:45 | Evaluation field exercise/summary of the day |
| Evening | <i>Barbecue at the Federal Academy for Civil Protection and Civil Defence</i> |
| Day 5 – Friday, 15 September 2023 | |
| 08:00 – 09:30 | Psychosocial effects of exposure to chemical warfare agents/toxic industrial chemicals |
| 09:30 – 10:00 | <i>Coffee/tea break</i> |
| 10:00 – 10:45 | Final discussion/distribution of certificates |
| 10:45 – 11:30 | Departure of participants |

Annex 3

**ONLINE COURSE ON THE EMERGENCY RESPONSE GUIDEBOOK,
INFORMATION SYSTEMS FOR EMERGENCY RESPONDERS,
AND THE INCIDENT COMMAND SYSTEM**

| Contents | |
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| Chapter 1 – Technical aspects for attending emergencies with toxic chemicals | |
| | 1.1. Physical and chemical properties of substances. 1.2. Toxicological values applied to the management of chemical emergencies 1.3. Dispersion of pollutants in the environment after a chemical incident 1.4. Safety distances and planning zones |
| Chapter 2 – Emergency Response Guidebook (ERG) | |
| | 2.1. Introduction 2.2. The yellow pages 2.3. The blue pages 2.4. Operational guides (the orange pages) 2.5. The green pages |
| Chapter 3 – Information Systems for Emergency Responders | |
| | 3.1. Introduction 3.2. Characteristics of known substances 3.3. Reactivity of known substances 3.4. Identification of unknown substances 3.5. Physical properties 3.6. Observed symptoms 3.7. Plates and labels 3.8. Isolation and security zones |
| Chapter 4 – Incident Command System (ICS) | |
| | 4.1. Introduction 4.2. Characteristics and principles of the ICS 4.3. Roles and responsibilities 4.4. ICS structure 4.5. Facilities and resources 4.6. Command |

Annex 4

INTEGRATED ADVANCED COURSE AND EXERCISE ON ASSISTANCE AND PROTECTION AGAINST CHEMICAL WEAPONS

**ISLAMABAD, PAKISTAN
13 – 17 NOVEMBER 2023**

| Time | Activity |
|--|--|
| Day 1 – Monday, 13 November 2023 | |
| 08:30 – 09:00 | Overview of the course and introduction of course participants |
| 09:00 – 09:50 | Opening/keynote address |
| 09:50 – 10:00 | Group photo |
| 10:00 – 10:30 | <i>Coffee/tea break</i> |
| 10:30 – 11:20 | Chemical warfare agents, their classification, properties, types of exposure, and mechanisms of action |
| 11:20 – 12:00 | Modern detection techniques |
| 12:00 – 13:30 | Medical management of casualties of chemical incidents |
| 13:30 – 14:30 | <i>Lunch break</i> |
| 14:30 – 15:15 | Issuance of individual protective equipment (PPE) |
| Day 2 – Tuesday, 14 November 2023 | |
| 08:30 – 10:00 | Individual protection against chemical warfare agents – PPE donning and doffing |
| 10:00 – 10:40 | Alleged use of chemical weapons and ongoing developments at the OPCW related to the “attribution mechanism” |
| 10:40 – 11:00 | <i>Coffee/tea break</i> |
| 11:00 – 13:30 | Introduction and use of detection equipment (lightweight chemical detector (LCD 3.3)), water testing kit, chemical warfare agent detection kit |
| 13:30 – 14:30 | <i>Lunch break</i> |
| 14:30 – 15:15 | Collective protection against chemical warfare agents |
| 15:15 – 16:30 | Exercise using the Wireless Information System for Emergency Responders (WISER) software |
| Day 3 – Wednesday, 15 November 2023 | |
| 08:30 – 09:15 | Decontamination/briefing on field exercise |
| 09:15 – 10:00 | Sampling procedures |
| 10:00 – 10:20 | <i>Coffee/tea break</i> |
| 10:20 – 13:30 | – Detection, evacuation, marking of contaminated areas, sampling and decontamination (field training in groups) – Leakage test for masks |
| 13:30 – 14:30 | <i>Lunch break</i> |
| 14:30 – 16:30 | Demonstration of detection, evacuation, marking of contaminated areas, sampling and decontamination |
| Day 4 – Thursday, 16 November 2023 | |
| 08:30 – 10:10 | Field exercise on detection, evacuation, marking of contaminated areas, sampling and decontamination |

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| 10:10 – 10:30 | <i>Coffee/tea break</i> |
| 10:30 – 13:30 | Field exercise on detection, evacuation, marking of contaminated areas, sampling and decontamination |
| 13:30 – 14:30 | <i>Lunch break</i> |
| 14:30 – 16:30 | Table-top exercise: Chemical incident response |
| Day 5 – Friday, 17 November 2023 | |
| 08:30 – 09:40 | Presentations on protection programmes against chemical weapons: one presentation per country |
| 09:40 – 10:40 | Evaluation of the course by participants |
| 11:00 – 11:45 | Closing ceremony |
| 11:45 – 11:50 | Group photo |
| 11:50 – 12:10 | Display of detection and protection equipment for guests |
| 12:10 – 12:30 | Refreshments |
| 12:30 – 16:00 | <i>Lunch/prayer break and outdoor visit</i> |
| 16:00 – | Return of participants according to individual flight schedules |

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