Technical Secretariat



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NOTE BY THE DIRECTOR-GENERAL

STATUS OF LABORATORIES DESIGNATED FOR THE ANALYSIS OF AUTHENTIC ENVIRONMENTAL SAMPLES

- 1. The Conference of the States Parties (hereinafter "the Conference") at its First Session established the conditions under which laboratories may seek designation (C-I/DEC.60, C-I/DEC.61, C-I/DEC.62, and C-I/DEC.65, all dated 22 May 1997), and at its Fifth Session (C-V/6, dated 19 May 2000) mandated the Executive Council (hereinafter "the Council") to take a decision regarding guidelines on the designation of laboratories for the analysis of authentic samples. The Council took this decision at its Twentieth Session (EC-XX/DEC.3, dated 28 June 2000). Additional guidelines on the designation of laboratories for the analysis of authentic samples were adopted by the Conference at its Twentieth Session (C-20/DEC.4, dated 2 December 2015).
- 2. When designating laboratories for the analysis of authentic samples, and in accordance with C-I/DEC.61 and C-I/DEC.65, the Director-General takes the following into account:
 - (a) whether the laboratory has established a quality system in accordance with the standards (ISO/IEC 17025:2005 or equivalent) and has valid accreditation by an internationally recognised accreditation body for the tasks for which it is seeking designation—namely, for the analysis of chemical warfare agents and related compounds in various types of samples; and
 - (b) whether the laboratory has performed successfully in the proficiency testing programme of the OPCW.
- 3. A laboratory must participate in the proficiency testing programme at least once per calendar year unless the additional guidelines in C-20/DEC.4 are applicable. According to subparagraph 4(d) of the Annex to C-I/DEC.65, a rating of three "As", or two "As" and one "B", on the three most recent consecutive tests of a laboratory shall be regarded as constituting a successful performance.
- 4. If a designated laboratory performs unsuccessfully in a proficiency test, it may be temporarily suspended, but retain designated status, or it may have its designated status withdrawn, according to the guidelines in EC-XX/DEC.3. When this happens, the laboratory, also in accordance with EC-XX/DEC.3, will no longer be selected by the Director-General to receive and analyse authentic samples from the OPCW. However, it may perform other tasks, as set out in C-I/DEC.67 (dated 22 May 1997).

5. Following the completion of the Forty-Seventh Official OPCW Proficiency Test, the Director-General wishes to inform Member States of the current status of the laboratories designated for the analysis of authentic environmental samples. Twenty-one laboratories from 18 Member States are designated; five of these have been temporarily suspended. The performance ratings of these laboratories are annexed hereto.

DESIGNATED LABORATORIES

	Laboratory	State Party
1.	Belgian Defence Laboratories (DLD)	Belgium
2.	The Laboratory of Analytical Chemistry, Research Institute of Chemical Defence	China
3.	Laboratory of Toxicant Analysis, Institute of Pharmacology and	China
	Toxicology, Academy of Military Medical Sciences	
4.	VERIFIN, Finnish Institute for Verification of the Chemical	Finland
_	Weapons Convention	Г
5.	DGA Maîtrise NRBC, Analytical Chemistry Department, France	France
6.	Bundeswehr Research Institute for Protective Technologies and NBC Protection	Germany
7.	VERTOX Laboratory, Defence Research & Development Establishment	India
8.	Defense Chemical Research Laboratory	Iran (Islamic Republic of)
9.	TNO Defence, Security and Safety	Netherlands
10.	Analytical Laboratory, Defence Science Technology Organisation	Pakistan
11.	Chemical Analysis Laboratory, CB Department, Agency for Defense Development	Republic of Korea
12.	Scientific Research Center for CBRN Defense and Ecology,	Romania
10	Chemical Analysis and Special Synthesis Laboratory	
13.	Laboratory for the Chemical and Analytical Control of Military Research Centre	Russian Federation
14.	Central Chemical Weapons Destruction Analytical Laboratory of the Federal State Unitary Enterprise, "State Scientific Research Institute of Organic Chemistry and Technology"	Russian Federation
15.	Verification Laboratory, Defence Medical and Environmental Research Institute, DSO National Laboratories	Singapore
16.	LAVEMA (Laboratorio de Verificación de Armas Químicas), INTA Campus La Marañosa	Spain
17.	FOI, CBRN Defence and Security, Swedish Defence Research Agency	Sweden
18.	Spiez Laboratory, Swiss NBC Defence Establishment	Switzerland
19.	Defence Science and Technology Laboratory, Porton Down	United Kingdom of
		Great Britain and
		Northern Ireland
20.	Combat Capabilities Development Command, Chemical Biological	United States of
	Center (CBC) Forensic Analytical Laboratory	America
21.	Lawrence Livermore National Laboratory	United States of
		America

Annex: Performance Ratings of Designated Laboratories in Official Proficiency Tests

Annex

PERFORMANCE RATINGS OF DESIGNATED LABORATORIES IN OFFICIAL PROFICIENCY TESTS

mistry, Research Institute of ademy of Military rification of the rification of the Protective Protective Granalyses I atory ience Technology Brobartment, RN Defense and pecial Synthesis Figure 1		M	41^{st}	42 nd	43 rd	44 th	45 th	46^{th}	47 th
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tory of Analytical Chemistry, Research China - A - A - A Chemical Defence Chemical Defence - A - A - A Of Toxicant Analysis, Institute of Yoricant Analysis, Institute of Weadons Convention Finiland - A ¹ - A ¹ A ¹ A ¹ Finnish Institute for Verification of the Finland Finances France - A ¹ - A ¹ B - A ¹ Sie NRBC, Département d'analyses France - A ¹ - A ¹ A ¹ - B - B - B - A ¹ - - A ¹ -	Belgian Defence Laboratories (DLD)	Belgium	_	\mathbf{A}^1	_	\mathbf{A}^1	_	\mathbf{A}^1	_
of Toxicant Analysis, Institute of Einland – A – A – A – A – A – A – A – A – A –	The Laboratory of Analytical Chemistry, Research Institute of Chemical Defence	China	I	A	_	A	ı	A	I
Page and Toxicology, Academy of Military Page and Nature for Verification of the Finland Finland Page and Nature for Verification of the Finland Page and Nature for Protective Germany Page and Nature for Protection Page and Nature for Protection Page and Nature for Research Institute for Protection Page and Nature for Research India Page and Nature for Security and Safety Pakistan Page and Nature for Security and Safety Pakistan Page and Nature for Security and Safety Pakistan Page and Nature for CRRN Defense and Page and Nature for CRRN Defense for CRRN Defense for CRRN Defense for CRRN Defense and Page and Nature for CRRN Defense for CRRN De	Laboratory of Toxicant Analysis, Institute of	China							
Finnals Institute for Verification of the ise NRBC, Departement d'analyses Finland - Al - Al	Pharmacology and Toxicology, Academy of Military Medical Sciences		I	A	I	Ą	I	Ą	I
ise NRBC, Département d'analyses Trance Research Institute for Protective es and NBC protection aboratory, Defence Research & India The Establishment certifical Research Laboratory Befonse Science Technology Pakistan The Establishment Caboratory, Defense Science Technology Pakistan The Establishment Caboratory Ca	VERIFIN, Finnish Institute for Verification of the Chemical Weapons Convention	Finland	I	A^1	ı	А	I	A^1	ı
rr Research Institute for Protective es and NBC protection Laboratory, Defence Research & India nt Establishment emical Research Laboratory Republic of) Leboratory, Defense Science Technology Pakistan nanalysis Laboratory, CB Department, Rouea Northerlands Romania Research Center for CBRN Defense and hemical Analysis and Special Synthesis A	DGA Maîtrise NRBC, Département d'analyses chimiques	France	Ι	A	_	В	-	В	l
nt Establishment emical Research & India nt Establishment temical Research Laboratory Republic of) nce, Security and Safety Laboratory, Defense Science Technology Pakistan nalysis Laboratory, CB Department, Roberts Development Roberts Developme	Bundeswehr Research Institute for Protective Technologies and NBC protection	Germany	I	A^1	-	A^1	A	I	A^1
temical Research Laboratory Republic of) Republic of) Republic of) Republic of) Republic of Inan (Islamic Republic of) Republic of Inanosis Laboratory, Defense Science Technology Republic of Inanosis Laboratory, CB Department, Republic of Inanosis Laboratory, CB Department, Rorea Rorea Romania	VERTOX Laboratory, Defence Research & Development Establishment	India	-	A	В	ı		A	l
Laboratory, Defense Science Technology Pakistan Analysis Laboratory, CB Department, Korea Romania Analysis and Special Synthesis Romania Netherlands - B A - A B - B - A A - B - A A - B - A A - B - A A - B - B	Defense Chemical Research Laboratory	Iran (Islamic Republic of)	A	I	A	I	-	A	I
Laboratory, Defense Science Technology Pakistan B A - A - B B - B - B B A - B B - B B	TNO Defence, Security and Safety	Netherlands	_	В	_	A^1	_	A	I
Nalysis Laboratory, CB Department, Korea – Al — Al — Al — Al — A — A — A — A — A —	Analytical Laboratory, Defense Science Technology Organisation	Pakistan	В	А	_	A	I	В	I
tesearch Center for CBRN Defense and hemical Analysis and Special Synthesis Romania A B - B B - B	Chemical Analysis Laboratory, CB Department, Agency for Defense Development	Republic of Korea	I	A^1	_	А		A	I
	Scientific Research Center for CBRN Defense and Ecology, Chemical Analysis and Special Synthesis Laboratory	Romania	А	В	1	В		В	А

Laboratory was not a test participant but was awarded an "A" grade based on the criteria in decision C-20/DEC.4.

Laboratory	Member State	41 st (2017)	42 nd (2017)	43 rd (2018)	44 th (2018)	45 th (2019)	46 th (2019)	47 th (2020)
Laboratory for Chemical and Analytical Control, Military Research Centre	Russian Federation	ı	A	-	C	A	В	I
Central Chemical Weapons Destruction Analytical	Russian							
Laboratory of the Federal State Unitary Enterprise, "State Scientific Research Institute of Organic	rederation	I	Ą	ı	В	I	В	I
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Verification Laboratory, Defence Medical and	Singapore							
Environmental Research Institute, DSO National		Ą	I	I	A^1	В	I	A^1
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LAVEMA (Laboratorio de Verificación de Armas	Spain	~			۲	V		
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Spiez Laboratory,	Switzerland		V		V 1		> 1	7
Swiss NBC Defence Establishment		I	Y	I	A		V	A
Defence Science and Technology Laboratory,	United Kingdom							
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	and Northern		4		4		4	l
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Combat Capabilities Development Command, Chemical	United States of							
Biological Center (CBC) Forensic Analytical	America	Ą	I	Ą	ı	A	I	A
Laboratory								
Lawrence Livermore National Laboratory	United States of America	I	Ą	I	А	I	Ą	I