

**FOURTH REVIEW CONFERENCE OF THE PARTIES
TO THE CONVENTION ON THE PROHIBITION OF THE
DEVELOPMENT, PRODUCTION AND STOCKPILING
OF BACTERIOLOGICAL (BIOLOGICAL) AND
TOXIN WEAPONS AND ON THEIR DESTRUCTION**

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DECLARATION FORMATS

APPENDIX A

**INFORMATION TO BE PROVIDED IN DECLARATIONS OF
BIOLOGICAL DEFENCE PROGRAMMES**

1. Give a general description of the objectives of the programme and summarize the principal research, development, testing, production and evaluation activities carried out. Areas to be covered shall include: prophylaxis, studies on pathogenicity and virulence, diagnostic techniques, aerobiology, detection, treatment, toxicology, physical protection, decontamination and other related research.

2. Total funding for the programme and its sources.

3. Are aspects of this programme conducted under contract by industry, academic institutions or in other non_defence facilities?

Yes/No

4. If yes, what proportion of the total funds for the programme is devoted to these contracted or other facilities?

5. Summarize the objectives and research areas of the programme performed by contractors and other facilities with the funds indicated in paragraph 4.

6. Provide a diagram of the organization and reporting structure of the programme (including individual facilities participating in the programme).

7. Provide a declaration in accordance with Appendix B for each facility, both governmental and non-governmental, which has a substantial proportion of its resources devoted to the national biological defence programme, in the territory of the State Party or anywhere else under its jurisdiction or control.

APPENDIX B

**INFORMATION TO BE PROVIDED IN DECLARATIONS
OF BIOLOGICAL DEFENCE FACILITIES**

I. General information

1. Name of the facility:

2. Address:

3. Owner and operator of the facility:

4. Organization the facility is affiliated to:

5. Sources of funding (annual): Total _____

	Ministry of Defence	Other Governmental Department	Private	Other
Amount	_____	_____	_____	_____

6. Distribution of funding (annual):

	Research	Development	Testing	Production	Other
Amount	_____	_____	_____	_____	_____

7. Personnel:

(i) Total number: _____

(ii) Division:

Military _____

Civilian _____

Contract Staff (more
than 6 months per year) _____

(iii) Division of personnel by category:

Scientists _____

Engineers _____

Technicians _____

Administrative and
support staff _____

(iv) Scientific disciplines represented in the scientific/engineering
staff:

II. Scientific and Technical Activities

1. General description (including purposes and objectives):
2. Activities: mark research, development, testing, production or none by entering R(Research), D(Development), T(Testing), P(Production) or N(None) in the brackets:
 - (i) Detection, identification, and diagnosis ()
 - (ii) Decontamination, disinfection, and pest control ()
 - (iii) Prophylaxis: specific ()
non_specific ()
 - (iv) Physical protection ()
 - (v) Treatment ()
 - (vi) Characteristics of biological agents and toxins ()
pathogenicity/virulence ()
stability ()
 - (vii) Reproducibility of biological agents or toxins ()
 - (viii) Aerobiology ()
 - (ix) Genetic modification ()
 - (x) Insect microbiology ()
3. Listed agents or toxins worked with:

	Name	Activity	Consumption in the previous year (g or ml)
(i)			
(ii)			
(iii)			

III. Working Areas and Equipment

1. Biosafety level:
Laboratory: BL3: _____ rooms, total floor area _____m²
BL4: _____ rooms, total floor area _____m²
Production:
Separation: _____ units, total floor area _____m²
Negative air pressure: _____ units, total floor area _____m²

2. Aerobiology:

(i) Aerosol chamber:

Static: total number ____, number: <2m³ ____, 2_20m³ ____, >20m³ __

Dynamic:

total number ____, number: <10m³ ____, 10_200m³ ____, >200m³ __

Explosive:

total number ____, number: <10m³ ____, 10_200m³ ____, >200m³ __

(ii) Aerosol dispersal equipment:

Powder aerosol dispersal: number ____, capacity (g/min.) __

Liquid aerosol dispersal: number ____, capacity (ml/min.) __

3. Genetic modification:

(i) Automatic DNA sequencing equipment: number __

(ii) DNA synthesizer equipment: number __

4. Insect microbiology:

Insect rearing chamber: number ____, total working area __m²

5. Production equipment:

(i) Fermentation equipment (bio_reactors)

Batch fermenter:

total number: ____, number: <100L ____, 100_1,000L ____, >1,000L __

Continuous fermenter:

total number: ____, number: ≤50L ____, >50L __

(ii) Separator and concentrator

Continuous or semi_continuous separators:

total number: ____, number: <100L/hr. ____, 100_1,000L/hr. ____,
>1,000L/hr. __

Batch separator:

total number: ____, number: ≤100L/batch ____, >1,000L/batch __

Cross_flow tangential filtration equipment:

total number: ____, number: <5m² ____, 5_10m² ____, >10m² __

Plate_press filter separator: number __

(iii) Isolation and purification equipment:

Cell disruption equipment:

total number: __, ≤10L/hr. __, >10L/hr. __

Chromatography column: number __

(iv) Drying equipment:

Freeze_drying:

number __, number with condenser capacity: ≤50kg/d __, >50kg/d __

Spray_drying:

number __, number with flow capacity: ≤5L/hr. __, >5L/hr. __

Drum_drying: number __

(v) Other equipment:

Micro_encapsulation equipment: number __

Milling equipment capable of milling to <10µm: number __

IV. List of papers published in the previous year

APPENDIX C

**INFORMATION TO BE PROVIDED IN DECLARATIONS OF PAST
BIOLOGICAL AND TOXIN OFFENSIVE AND/OR DEFENSIVE
RESEARCH AND DEVELOPMENT PROGRAMMES**

- I. Date of entry into force of the Convention for the State Party.
- II. Past offensive biological research and development programmes.
 - _ Existed/did not exist
 - _ Period(s) of activities.
 - _ Summary of the research and development activities indicating whether work was done on production, testing and evaluation, weaponization and stockpiling of biological agents, whether there was a programme concerned with the destruction of such agents and weapons, and whether other related research was carried out.
- III. Past defensive biological research and development programmes.
 - _ Existed/did not exist
 - _ Period(s) of activities.
 - _ Summary of the research and development activities indicating whether or not work was conducted in the following areas: prophylaxis, studies on pathogenicity and virulence, diagnostic techniques, aerobiology, detection, treatment, toxicology, physical protection, decontamination, and other related research, with location if possible.

APPENDIX D

**INFORMATION TO BE PROVIDED IN DECLARATIONS
OF OTHER TRIGGERED FACILITIES**

I. General information:

1. Name of the facility:
2. Address:
3. Owner and operator of the facility:
4. Organization the facility is affiliated to:
5. Source of funding:

II. Summary description

1. Declaration trigger:
 - Vaccine production
 - High containment
 - ...
2. Objectives and main activities

III. Quantitative data

1. Vaccine production: yes no

Vaccine Quantity produced in previous year Containment level

- (i)
- (ii)
- (iii)
- ...

2. High containment: yes no

- (i) Laboratory:

Number of rooms	Working area (m ²)	Agents worked with and activity
BL3 _____	_____	_____
BL4 _____	_____	_____

(ii)	Production:	Number of units	Working area (m ²)	Agents worked with and activity
	Separation	_____	_____	_____
	Negative air pressure	_____	_____	_____

3. Work with listed agents/toxins: yes no

Agent	Field of activity	Containment level	Consumption in previous year (g or ml)
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(i)

(ii)

(iii)

...

4. Production equipment: yes no

	Number	Total volume	Agents worked with	Containment level
Batch fermenter	_____	_____	_____	_____
Continuous fermenter	_____	_____	_____	_____

5. Aerosol equipment: yes no

(i) Aerosol chamber:

	Number	Volume	Agents worked with and activity	Containment level
Static	_____	_____	_____	_____
Dynamic	_____	_____	_____	_____
Explosive	_____	_____	_____	_____

(ii) Aerosol dispersal equipment

	Number	Capacity	Agents worked with and activity
Powder dispersal	_____	_____	_____
Liquid dispersal	_____	_____	_____

6. Genetic modification activity: yes no

Agents or toxin concerned Activity Containment level

(i)

(ii)

(iii)

...
