

**ANNEX A**  
**LIST OF CONTROLLED CHEMICALS**

1. The following are the list of controlled chemicals:

**a. HIGH-RISK CONTROLLED CHEMICALS:**

No.	Chemical Name	Chemical Formula	CAS Number
1	Ammonium Cerium (IV) Nitrate	Ce(NH <sub>4</sub> ) <sub>2</sub> (NO <sub>3</sub> ) <sub>6</sub>	16774-21-3
2	Ammonium Nitrate	(NH <sub>4</sub> )(NO <sub>3</sub> )	6484-52-2
3	Fertilizer containing ≥70% Ammonium Nitrate		
4	Ammonium perchlorate	NH <sub>4</sub> ClO <sub>4</sub>	14787-73-0
5	Calcium Nitrate	Ca(NO <sub>3</sub> ) <sub>2</sub>	10124-37-5
6	Guanidinium Nitrate	CH <sub>6</sub> N <sub>4</sub> O <sub>3</sub>	506-93-4
7	Hydrogen Peroxide, >52%	H <sub>2</sub> O <sub>2</sub>	7722-84-1
8	Magnesium Perchlorate	Mg(ClO <sub>4</sub> ) <sub>2</sub>	10034-81-8
9	Nitric Acid, >3%	HNO <sub>3</sub>	7697-37-2
10	Potassium Nitrate ≥40%	KNO <sub>3</sub>	7757-79-1
11	Potassium Perchlorate ≥40%	KClO <sub>4</sub>	7778-74-7
12	Potassium Permanganate	KMnO <sub>4</sub>	7722-64-7
13	Sodium Chlorate ≥40%	NaClO <sub>3</sub>	7775-09-9
14	Sodium Nitrate	NaNO <sub>3</sub>	7631-99-4
15	Sodium Perchlorate ≥40%	NaClO <sub>4</sub>	7791-07-3

**b. LOW-RISK CONTROLLED CHEMICALS:**

No.	Chemical Name	Chemical Formula	CAS Number
1	Aluminum Granular/Powder	Al	7429-90-5
2	Ammonium Chlorate	NH <sub>4</sub> ClO <sub>3</sub>	10192-29-7
3	Barium Chlorate	Ba(ClO <sub>3</sub> ) <sub>2</sub>	13477-00-4
4	Barium Chromate	BaCrO <sub>4</sub>	10294-40-3
5	Barium Nitrate	Ba(NO <sub>3</sub> ) <sub>2</sub>	10022-31-8
6	Calcium Chlorate	Ca(ClO <sub>3</sub> ) <sub>2</sub>	10137-74-3
7	Chromium (III) Nitrate	Cr(NO <sub>3</sub> ) <sub>3</sub>	7789-02-8
8	Copper Nitrate (Cupric nitrate)	Cu(NO <sub>3</sub> ) <sub>2</sub>	10031-43-3 (trihydrate)
9	Ferric (III) Nitrate	Fe(NO <sub>3</sub> ) <sub>3</sub>	782-61-8
10	Hydrogen Peroxide, 13-52%	H <sub>2</sub> O <sub>2</sub>	7722-84-1
11	Nickel (II) Nitrate	Ni(NO <sub>3</sub> ) <sub>2</sub>	13138-45-9
12	Potassium Chlorate, <40%	KClO <sub>3</sub>	3811-04-9
13	Potassium Nitrate, <40%	KNO <sub>3</sub>	7757-79-1
14	Potassium Perchlorate, <40%	KClO <sub>4</sub>	7778-74-7
15	Sodium Chlorite, >40%	NaClO <sub>2</sub>	7758-19-2
16	Sodium Perchlorate, <40%	NaClO <sub>4</sub>	7791-07-3
17	Sulfur Flakes/Powder	S <sub>8</sub>	7704-34-9

2. Fertilizer containing <70% Ammonium Nitrate, Nitric Acid ≤3%, Hydrogen Peroxide <13% and Sodium Chlorite ≤40% shall be regulated but subject to actual testing to determine the explosive potential to be conducted by the PNP. The PNP shall then categorize the chemicals which were subject of the actual testing prior issuance of appropriate license and/or permit.

The cost in the actual testing shall be shouldered by the requesting party/applicant.