



**CONTROL MEASURES  
FOR 15 CHEMICALS  
(EXPLOSIVE PRECURSORS)**



# Scope

- Background
- Controlled Chemicals
- Type of Licences
- Process of Application
- Enforcement



# Background

- Chemicals classified as Class 5.1 under the UN Hazard Code
- Explosives Precursors can be converted into Improvised Explosive Devices
- Security risk if fallen into the wrong hands
- Terrorists have used these chemicals in their attacks



# Background

- Introduction of EP to Arms & Explosives (Amendment) Act
- 15 Explosive Precursors regulated by SPF from 1 July 2007
- Continuous effort to scan for other high risks chemicals



# List of 15 Controlled Chemicals

Ammonium Nitrate	Potassium Perchlorate
Ammonium Perchlorate	Sodium Chlorate
Barium Nitrate	Sodium Nitrate
Guanidine Nitrate	Sodium Nitrite
Hydrogen Peroxide	Sodium Perchlorate
Potassium Chlorate	Perchloric Acid
Potassium Nitrate	Tetranitromethane
Potassium Nitrite	



# Exclusion List

Chemicals	Exclusions
<b>Ammonium Nitrate</b>	<ul style="list-style-type: none"><li>■ Aqueous solutions containing less than 60%, weight in weight, of ammonium nitrate; or</li><li>■ Any material in solid form comprising a mixture of components, one of which is ammonium nitrate, where the nitrogen content derived from ammonium nitrate is less than 28% by weight of the said mixture.</li></ul>
<b>Barium Nitrate</b>	Preparations and solutions containing less than 10%, weight in weight, of barium nitrate.
<b>Hydrogen Peroxide</b>	Preparations and solutions containing less than 20%, weight in weight, of hydrogen peroxide.



# Exclusion List

Chemicals	Exclusions
<b>Potassium Nitrate</b>	Preparations and solutions containing less than 5%, weight in weight, of potassium nitrate or a combination of both potassium nitrate and sodium nitrate.
<b>Potassium Nitrite</b>	Aqueous solutions containing less than 5%, weight in weight, of potassium nitrite.
<b>Sodium Nitrate</b>	Preparations and solutions containing less than 5%, weight in weight, of sodium nitrate or a combination of both sodium nitrate and potassium nitrate.
<b>Sodium Nitrite</b>	Aqueous solutions containing less than 5%, weight in weight, of sodium nitrite.



# Type of Licences

Type of Licence	Fees Amount
Deal In (and Store)	\$260.00 for 2 years
Manufacture (and Store)	\$130.00 for 2 years
Store	\$130.00 for 2 years
Possess (and Store)	\$40.00 for 2 years
Import / Export	\$20.00 valid for 14 days per consignment
Replacement of Licence	\$10.00 per application



# Process of Application

- Submission of application online via Police Licensing Computerised System  
[www.spf.gov.sg/licence](http://www.spf.gov.sg/licence)
- Existing NEA Licences will remain valid till expiry
- Import / Export Licence to be submitted via TradeNet System  
[www.tradexchange.gov.sg](http://www.tradexchange.gov.sg)



# Process of Application

Application is assessed and subjected to:-

- Security Screening
- Physical Security of storage facilities
- Access Controlled Measures
- Inventory Records



# Process of Application

## Assessment of Security Measures:-

- Lock & Key
- Steel Cages / Cabinets
- Card Access System
- Security Guards
- CCTV / Intruder Alarm



# Enforcement

- Periodic surprise checks
- Re-assessment of security measures
- Propose additional measures
- Inventory / Stock Balance
- EP accountability
- Appropriate actions for breaches



# Enquiries

You can forward your enquiry to:-

*Arms & Explosives Branch  
Police Licensing Division  
391 New Bridge Road, #02-701  
Singapore 088762*

*Fax : 62234704*

*Tel : 65575873/4/5/6/7*

*Email: [spf\\_ops\\_licensing@spf.gov.sg](mailto:spf_ops_licensing@spf.gov.sg)*



**Thank You**