



EXPLOSIVE PRECURSORS LICENCE

This licence is granted for the purposes of the Arms and Explosives Act 1913 to the Licensee named below and relates to the licensed activity(s) and Explosive Precursors specified.

Name of Licensee	ACRA Registration No.
ELEMENT CONSTRUCTION TESTING (S) PTE. LTD.	200805959C

Address of Licensee
58 SUNGEI KADUT LOOP PROSPAQ INDUSTRIAL BUILDING, Singapore 729501

The above Licensee is hereby licensed to perform the following:

- 1. Store**
- 2. Possess**

Place of Storage
58 SUNGEI KADUT LOOP PROSPAQ INDUSTRIAL BUILDING, Singapore 729501

<i>Approved Type of Explosive Precursors</i>	Refer to Annex A (Attached)
<i>Approved Maximum Quantity of Explosive Precursors Storage</i>	
<i>Approved Storage at Third Party Licensed Storage Premises (if any)</i>	

<i>Licensing Conditions</i>	Refer to Annex B (Attached)
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Date of Commencement of Licence	Date of Expiry of Licence
22/12/2023	21/12/2025

In accordance with the provisions of the Arms and Explosives Act 1913 and the regulations and licensing conditions issued thereunder, the licensee may engage in activity(s) specified in this licence, until the expiration date of the licence or earlier if the licence is suspended or cancelled by the Licensing Officer.

17/11/2023	Licensing Officer (Appointed Under Section 4 of the Arms and Explosives Act 1913)
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Date of Issue

Issuing Authority

This is a computer-generated licence. A signature is not required.

Annex A

Particulars of Explosive Precursors:

Storage Location 1 - 58 SUNGEI KADUT LOOP PROSPAQ INDUSTRIAL BUILDING, Singapore 729501

<u>No.</u>	<u>Type of Explosive Precursors</u>	<u>Quantity</u>	<u>Unit</u>
1	Ammonium Nitrate	1	KG
2	Hydrogen Peroxide	2.5	LITRES
3	Potassium Nitrate	1	KG
4	Perchloric Acid	2.5	LITRES

Annex B

Licensing Conditions for Licence to Store Explosive Precursors

1. The licensee shall implement and maintain —
 - a) the security measures in accordance with the security proposal approved by the Licensing Officer; and
 - b) such other security or safety measures as the Licensing Officer may, from time to time, direct.
2. The licensee shall ensure that only such of his agents, employees and other persons as are authorised by him have access to the licensed premises.
3. The licensee shall immediately report to the Licensing Officer any attempted theft, or any suspicious incident that threatens the security, of any explosive precursor in the licensed premises. For the purpose of this condition, reporting to the Licensing Officer includes reporting the matter via calling '999'.
4. The licensee shall ensure that all activities involving any explosive precursor in the licensed premises are carried out in a manner that ensures the safety and security of all persons and property exposed to the risks.
5. The licensee shall ensure that his agents, employees and other persons who are engaged in the handling of any explosive precursor in the licensed premises are adequately trained in the safe handling of the explosive precursor.
6. The licensee shall ensure that any explosive precursor in the licensed premises that has expired and that is unsafe for storage is immediately removed from the licensed premises and disposed of.
7. The licensee shall immediately report to the Licensing Officer and the Police (by calling '999') any safety related incident involving any explosive precursor.
8. The licensee may only store the prescribed type of explosives precursor on the licensed premises as stated in the licence unless otherwise approved by the Licensing Officer in writing.
9. The licensee may only store up to the prescribed quantity of explosive precursor as stated in the licence, unless otherwise approved by the Licensing Officer in writing. For the avoidance of any doubt, any import licence issued to the licensee to import any explosive precursor does not constitute an approval by the Licensing Officer to increase the quantity of explosive precursor stored on the licensed premises.
10. The licensee shall ensure that closed-circuit television (CCTV) cameras and CCTV recording system(s) are installed and maintained at the licensed premises in accordance with the following conditions:
 - a) The licensee shall ensure that there are CCTV cameras covering all entrances and exits directly leading to/from the approved storage area and the interior of the approved storage area where the explosive precursor stocks are stored.
 - b) At all times, the licensee shall ensure that all the conditions below are met:
 - i. each CCTV camera is positioned and angled in such a way that it can capture the face of every person entering or exiting through that doorway, or depositing, removing or handling any explosive precursor in the approved storage area;
 - ii. there is a clear line of sight from the CCTV cameras to the locations they are covering; and
 - iii. the CCTV cameras' line of sight shall not be obstructed in any way.
 - c) The licensee shall ensure that all CCTV cameras and recording system(s) meet or exceed the following specifications:

- i. records colour images at the resolution of HD 1080p: 1920x1080 pixels or its equivalent;
- ii. records at 12 frames per second;
- iii. supports the exporting of CCTV camera recordings via a USB port in open-source formats such as *.avi (Microsoft), *.mov (Apple QuickTime), *.mp4 (MPEG), or such format as approved by the Licensing Officer in writing;
- iv. is switched on and in a recording mode at all times; and
- v. is able to store all CCTV camera recordings for at least 31 days from the date of recording.

11. Unless otherwise exempted by the Licensing Officer, the licensee shall ensure that all CCTV cameras and recording system(s) remain in good working condition at all times.

12. The licensee shall hand over all CCTV camera recordings to the Licensing Officer when directed to do so.

13. The licensee shall not tamper and shall not permit anyone to tamper with the CCTV cameras, the recording system(s), and any CCTV camera recordings. For the avoidance of doubt, "tamper" means doing anything which may interfere with the proper functioning of any of the CCTV cameras and recording system(s) and/or the proper storage and retention of any of the CCTV camera recordings.

14. The licensee shall label the licensed explosive precursor according to the Singapore Standard 586.

15. The licensee shall notify the Licensing Officer of any change of any Director (as reflected in Accounting & Corporate Regulatory Authority records) within 7 days of any such change via GoBusiness.

16. The licensee shall notify the Licensing Officer of any change to the company's business address at least 7 days before the change takes effect via GoBusiness. For the avoidance of doubt, this does not include any change to the address of the licensed storage premises, which will require a fresh licence application.

17. The licensee shall allow and facilitate any audit or inspection (including any surprise check) of the arm, explosive, explosive precursor, or licensed premises by the Licensing Officer or any officer authorised by the Licensing Officer in writing. For avoidance of doubt, an authorised officer may:

- a) enter any licensed premises;
- b) inspect the licensed premises and any arm, explosive or explosive precursor found within;
- c) photograph or film, or make a record or sketches of, any part of the premises, or any person or thing at the premises;
- d) require any person on those premises to produce or grant access to, without charge, any document, information or article reasonably required, which is in the possession or under the control of that person;
- e) inspect and make copies of or take extracts from any such document or article; and
- f) take possession of such a document or article if, in the opinion of the authorised officer that the inspection or copying of or extraction from the document or article cannot reasonably be performed without taking possession, the document or article may be interfered with or destroyed unless possession is taken, or the document or article may be required as evidence in any proceedings instituted or commenced under the Arms & Explosives Act 1913.

18. When conveying Explosive Precursors, the licensee shall ensure that:

- (a) Explosive precursors are transported on a covered conveying vehicle.
- (b) Upon arrival at destination, the transported explosive precursors are to be stored without delay within the licensed storage area.
- (c) When parked, the conveying vehicle carrying explosive precursors should not be left unattended. There should be unobstructed line of sight to ensure that the explosive precursors are secure.
- (d) For transporting of explosive precursors of net quantity of 3 metric tonne or more, the licensee is to

comply with the requirement on Road Transportation of Hazardous Materials (HazMat) by SCDF:

- i. Transport Emergency Response Plan (TERP) must be submitted to SCDF for approval. The approved TERP to be kept in the vehicle whenever explosives precursors are being transported;
- ii. The vehicles used for transportation of explosives precursors must be approved and be issued with a transport licence from SCDF. The transport licence must be displayed in the driver's cabin at all times;
- iii. The approved vehicles must be fitted with tracking devices, immobilizers and have orange-coloured licence plates;
- iv. The driver of a licensed vehicle is required to hold a valid HazMat Transport Driver Permit (HTDP) at all time when transporting explosives precursors;
- v. Transporting of explosive precursors can only be carried out between 7am to 7pm daily. Any deviation from this stipulated period shall be with the approval of OC Arms & Explosives; and
- vi. All licensed vehicles transporting explosive precursors are required to adhere to the approved explosive transport routes.

(e) The licensee shall label the licensed explosive precursor according to the Singapore Standard 586.

Licensing Conditions for Licence to Possess Explosive Precursors

1. The licensee shall take such appropriate security measures as to prevent any loss or theft of the licensed explosive precursor in his possession or under his control.
2. The licensed explosive precursor shall be for use solely by the licensee.
3. The licensee shall not sell, supply or transfer the licensed explosive precursor to any person without the written approval from the Licensing Officer.
4. The licensee shall ensure that only such of his agents, employees and other persons as are authorised by him have access to the licensed explosive precursor.
5. The licensee shall surrender his licence
6. The licensee shall implement and maintain —
 - a) the security measures in accordance with the security proposal approved by the Licensing Officer; and
 - b) such other security or safety measures as the Licensing Officer may, from time to time, direct.
7. The licensee may only possess or control the prescribed type of explosives precursor on the licensed premises as stated in the licence unless otherwise approved by the Licensing Officer in writing.
8. The licensee may only possess or control up to the prescribed quantity of explosive precursor as stated in the licence, unless otherwise approved by the Licensing Officer in writing. For the avoidance of any doubt, any import licence issued to the licensee to import any explosive precursor does not constitute an approval by the Licensing Officer to increase the quantity of explosive precursor possessed or controlled by the licensee.
9. The licensee shall ensure that his agents, employees and other persons who are engaged in the handling of any explosive precursor are adequately trained in the safe handling of the explosive precursor.
10. The licensee shall ensure that all activities involving any explosive precursor in his possession or control are carried out in a manner that ensures the safety and security of all persons and property exposed to the risks.
11. The licensee shall ensure that any explosive precursor in his possession or control that has

expired and that is unsafe for usage or storage is immediately disposed of in the manner directed by the Licensing Officer.

12. The licensee shall ensure that any licensed explosive precursor under his possession or control is labelled according to the Singapore Standard 586.

13. The licensee shall notify the Licensing Officer of any change of any Director (as reflected in Accounting & Corporate Regulatory Authority records) within 7 days of any such change via GoBusiness.

14. The licensee shall notify the Licensing Officer of any change to the company's business address at least 7 days before the change takes effect via GoBusiness. For the avoidance of doubt, this does not include any change to the address of the licensed storage premises, which will require a fresh licence application.

15. The licensee shall immediately report to the Licensing Officer and the Police (by calling '999') if there is any sign or indication of the following:

- a) loss of any explosive precursor;
- b) attempted theft of any explosive precursor;
- c) unauthorised access of any explosive precursor or
- d) other safety, security related or suspicious incident involving any explosive precursor.

16. Every licensee shall keep and maintain a register book which shall contain the information specified below:

- (a) the date on which any licensed explosive precursor is taken into stock, manufactured, imported, exported, sold, supplied, transferred or removed;
- (b) the licence number to which the licensed explosive precursor relates;
- (c) the description, quantity and concentration of the licensed explosive precursor;
- (d) the name, identification number (such as, NRIC number, foreign identification number, passport number or business registration number) and address of —
 - i. the person to whom the licensed explosive precursor is sold, supplied or transferred or;
 - ii. the person from whom the licensed explosive precursor is purchased or received; and
 - iii. the purpose of each transaction involving the licensed explosive precursor.

17. Every licensee shall keep the records contained in the register book for a period of not less than 3 years.

18. The licensee shall allow and facilitate any audit or inspection (including any surprise check) of the arm, explosive, explosive precursor, or licensed premises by the Licensing Officer or any officer authorised by the Licensing Officer in writing. For avoidance of doubt, an authorised officer may:

- a) enter any licensed premises;
- b) inspect the licensed premises and any arm, explosive or explosive precursor found within;
- c) photograph or film, or make a record or sketches of, any part of the premises, or any person or thing at the premises;
- d) require any person on those premises to produce or grant access to, without charge, any document, information or article reasonably required, which is in the possession or under the control of that person;
- e) inspect and make copies of or take extracts from any such document or article; and
- f) take possession of such a document or article if, in the opinion of the authorised officer that the inspection or copying of or extraction from the document or article cannot reasonably be performed without taking possession, the document or article may be interfered with or destroyed unless possession is taken, or the document or article may be required as evidence in any proceedings instituted or commenced under the Arms & Explosives Act 1913.

19. When conveying Explosive Precursors, the licensee shall ensure that:

- (a) Explosive precursors are transported on a covered conveying vehicle.
- (b) Upon arrival at destination, the transported explosive precursors are to be stored without delay within the licensed storage area.
- (c) When parked, the conveying vehicle carrying explosive precursors should not be left unattended. There should be unobstructed line of sight to ensure that the explosive precursors are secure.
- (d) For transporting of explosive precursors of net quantity of 3 metric tonne or more, the licensee is to comply with the requirement on Road Transportation of Hazardous Materials (HazMat) by SCDF:
 - i. Transport Emergency Response Plan (TERP) must be submitted to SCDF for approval. The approved TERP to be kept in the vehicle whenever explosives precursors are being transported;
 - ii. The vehicles used for transportation of explosives precursors must be approved and be issued with a transport licence from SCDF. The transport licence must be displayed in the driver's cabin at all times;
 - iii. The approved vehicles must be fitted with tracking devices, immobilizers and have orange-coloured licence plates;
 - iv. The driver of a licensed vehicle is required to hold a valid HazMat Transport Driver Permit (HTDP) at all time when transporting explosives precursors;
 - v. Transporting of explosive precursors can only be carried out between 7am to 7pm daily. Any deviation from this stipulated period shall be with the approval of OC Arms & Explosives; and
 - vi. All licensed vehicles transporting explosive precursors are required to adhere to the approved explosive transport routes.
- (e) The licensee shall label the licensed explosive precursor according to the Singapore Standard 586.