

牌照號碼 Licence No. : 12487-0001-ZS-0016
費用 Fee : \$3190

輻射條例 (第 303 章)
Radiation Ordinance (Chapter 303)

放射性物質牌照
RADIOACTIVE SUBSTANCES LICENCE

根據輻射條例 (第 303 章) 之規定 Under the provisions of the RADIATION ORDINANCE (Chapter 303)

GALAXY ENGINEERING HOLDING COMPANY LIMITED

(全名 Name in full)

地址為 of 20/F, The Bedford, No.93 Bedford Road, Tai Kok Tsui, Kowloon

(詳細地址 Address in full)

茲獲准進行右開事宜 is hereby licenced to possess, convey and store radioactive substances specified in condition 1 of this
licence

於 at Room A, 17/F.& 20/F, The Bedford, 91-93 Bedford Road, Tai Kok Tsui, Kowloon

(認可地址 Approved premises)

其目的如右 for the purpose of possession of such radioactive substances for disposal by returning to manufacturer

持牌人必須遵守 Subject to:

- (甲) 輻射條例 (第 303 章)
(a) The provisions of the RADIATION ORDINANCE (Cap. 303)
(乙) 輻射 (管制放射性物質) 規例之規定 ; 及
(b) The provisions of the RADIATION (CONTROL OF RADIOACTIVE SUBSTANCES) REGULATIONS;
and
(丙) 本牌照附屬規約。
(c) The CONDITIONS attached hereto. #1

牌照有效期至 This licence is valid until 3 July 2023

2022 年 year 2 月 month 28 日 day
28 day of February 2022


Ms TSANG Mei-sze

代行

輻射管理局
for Radiation Board

備註 (如有) REMARKS (if any)

#1 Amendment made to the licence approved on 11 Aug 2022

Interpretation

"IAEA Regulations" means the Regulations for the Safe Transport of Radioactive Material, 1996 Edition of the International Atomic Energy Agency, Vienna.

"Regulations" means the Radiation (Control of Radioactive Substances) Regulations, Cap 303, Laws of Hong Kong.

The licensee shall possess a set of the Radiation Ordinance, Regulations and IAEA Regulations for reference to the following conditions.

Conditions

These licence conditions may be revised by the Radiation Board to protect public interests in accordance with the spirit of the Radiation Ordinance.

1. This licence permits the possession, conveyance and storage of the radioactive substance(s) in quantities not exceeding the levels stated below.

Radionuclide	Description of substance	Maximum activity	
		In store in the approved premises	To be conveyed
Americium-241	Sealed Solid Source with Am-241 as Am O ₂ sandwiched between gold and silver foils	Not more than 80 units in any combination of the following models of smoke detectors	Not more than 0.666 MBq per month as contained in any combination of the following models of smoke detectors
		System Sensor 1451DH (37kBq/unit) Thorn MF501 (33.3 kBq/unit) Johnson Control 1551J (< 37kBq/unit) Apollo Series 60 55000-210APO (33kBq/unit) Honeywell TC807A (37kBq/unit) Honeywell TC807B (18.5kBq/unit)	

2. Any activities involving the radioactive substance(s) prescribed in this licence, including handling and safe keeping, shall be carried out under the direct personal supervision of at least one of the following person(s) in accordance with Regulation 32.

Lam Ho Pak

Lui Chun

The licensee shall obtain the approval of the Radiation Board prior to appointment or replacement of the above supervising personnel(s).

3. All persons engaged in the handling and conveyance of the radioactive substances are subject to:
 - (a) Regulation 10 - Precautions with regard to exposure;
 - (b) Regulation 15 - Presumptions as to exposure to radiation;
 - (c) Regulation 17 - Medical examination and inquiry in cases of suspected over-exposure to radiation;
 - (d) not be under the age of 18 years.
4. Import of radioactive substances is not permitted under this licence.

5. Conveyance of radioactive substances shall be subject to:
 - (a) IAEA Regulations;
 - (b) Regulation 7 - Conveyance of radioactive substances on vehicles or vessels;
 - (c) at least one of the persons named in Condition 2 shall personally supervise each conveyance of radioactive substances;
 - (d) each conveyance of radioactive substances shall be carried out in accordance with a permit granted under Regulation 7(1). Application for permits for conveyance shall be submitted to the Radiation Health Division, Department of Health, 3/F, Sai Wan Ho Health Centre, 28 Tai Hong Street, Sai Wan Ho, Hong Kong (Tel: 3620 3771).

6. Storage of radioactive substances shall be subject to:
 - (a) Regulation 8 - Storage;
 - (b) Regulation 24 - Provision of storage safe in certain cases;
 - (c) any storage safe designated for the storage of radioactive substances shall not be used to store other substances;
 - (d) the store room shall be classified as a control area where no persons other than those registered in accordance with Regulation 11 shall have access;
 - (e) radioactive substances inside the store room shall be so shielded that the radiation to any person inside the room shall not exceed 10 $\mu\text{Sv/h}$;
 - (f) the radiation level in any accessible location outside the store room shall not exceed 1 $\mu\text{Sv/h}$;
 - (g) an inventory of the radioactive substances shall be kept inside the storeroom where they are stored and shall be kept up-to-date at all times.

7. The licensee shall not subcontract the conveyance of radioactive substance to any other person.

8. The use of the radioactive substance(s) is not permitted under this licence.

9. Purchase, sale and transfer of radioactive substances, except those collected for disposal from customers, are not permitted under this licence.

10. The disposal of radioactive wastes shall be subject to:
 - (a) Regulation 9 - Disposal of radioactive wastes;
 - (b) Regulation 25 - Disposal and transport of radioactive wastes;
 - (c) waste packages containing radioactive substances shall be returned in accordance with the IAEA Regulations to the manufacturer.
 - (d) quarterly returns shall be made to the Radiation Board of detectors collected for disposal, giving details of customer's name, address and Radiation Board Licence/exemption number, and the number and activity content of all detectors disposal of during the period and the balance remaining in the storeroom.

11. The licensee shall be subject to:

- (a) Regulation 4 - Licence;
- (b) Regulation 5 - Licence to be exhibited.
- (c) the satisfactory compliance with the "*Basic Safety Standards for Protection Against Ionising Radiation and for the Safety of Radiation Sources*" issued by the Radiation Board.

Emergency Action

- (a) In case of FIRE or HUMAN CASUALTY, call Fire Services (999).
- (b) In case of ACCIDENT or LOSS OF RADIOACTIVE SUBSTANCE :
Call radio-paging 7110-3382 call 1912.

In all cases, the licensee shall notify the Radiation Board in writing within 48 hours.

Enquiries

Enquiries about this licence should be addressed to :

Radiation Board Licensing Office
3/F., Sai Wan Ho Health Centre
28 Tai Hong Street, Hong Kong

Tel : 3620 3771 Fax : 2834 1224 E-mail Address : rs@erls.gov.hk