
First published in the *Government Gazette*, Electronic Edition, on 27 March 2018 at 5 pm.

No. S 147

DANGEROUS FIREWORKS ACT (CHAPTER 72)

DANGEROUS FIREWORKS (EXEMPTION) NOTIFICATION 2018

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In exercise of the powers conferred by section 9 of the Dangerous Fireworks Act, the Minister for Home Affairs makes the following Notification:

Citation and commencement

1. This Notification is the Dangerous Fireworks (Exemption) Notification 2018 and comes into operation on 1 April 2018.

Definitions

2. In this Notification, unless the context otherwise requires —

“authorised officer” means an officer of the Police Licensing and Regulatory Department of the Singapore Police Force holding any of the following designations:

- (a) Director;
- (b) Deputy Director;
- (c) Assistant Director, Arms and Explosives Division;

(d) Officer-in-Charge Licensing, Arms and Explosives Division;

(e) Assistant Officer-in-Charge Licensing, Arms and Explosives Division;

“exempt company” means —

(a) Explomo Corporation Pte Ltd;

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(b) Glorious (S) Pte Ltd;

(c) InterMay Consultech Pte Ltd;

(d) Knights Synergy (S) Pte Ltd;

(e) Effects Technologies Pte Ltd; or

(f) SpectaWorks Pte Ltd;

“exempt organiser” means an organiser of a fireworks display who is exempt, under paragraph 4, from section 3 of the Act;

“special guest”, in relation to a fireworks display, means any individual who is invited by an organiser of the fireworks display to do any of the following in connection with the fireworks display:

(a) keep or have in the individual’s possession, or under the individual’s control, any dangerous fireworks;

(b) discharge or let off those dangerous fireworks.

Exemption of executor of fireworks display

3. Sections 3 and 4 of the Act do not apply to an exempt company in relation to dangerous fireworks used or to be used in a fireworks display that is, or is to be, executed by the exempt company for an exempt organiser, in accordance with the conditions specified in Part 1 of the Schedule.

Exemption of organiser

4. Section 3 of the Act does not apply to an organiser of a fireworks display that is, or is to be, executed by an exempt company for the

organiser, if the organiser complies with the conditions specified in Part 2 of the Schedule.

Exemption of special guest

5. Section 3 of the Act does not apply to a special guest at a fireworks display in relation to dangerous fireworks used or to be used in a fireworks display that is, or is to be, executed by an exempt company for an exempt organiser.

Exemption of Health Sciences Authority officer

6. Section 3 of the Act does not apply to a forensic scientist or laboratory officer from the Forensic Chemistry & Physics Laboratory, Forensic Science Division in the Applied Sciences Group of the Health Sciences Authority established by the Health Sciences Authority Act (Cap. 122C), in relation to dangerous fireworks that are to be tested by the forensic scientist or laboratory officer at the request of a police officer.

THE SCHEDULE

Paragraphs 3 and 4

PART 1

CONDITIONS FOR EXEMPT COMPANY

1. In this Part —

“approved storage premises” means the premises where any fireworks may be stored in accordance with the conditions and restrictions of the licence to store explosives issued in respect of the fireworks under the Arms and Explosives Act (Cap. 13);

“fireworks event” means an event at which an exempt company discharges or lets off, or intends to discharge or let off, dangerous fireworks;

“national event” means an event organised at a national level;

“safety area” means the safety area mentioned in paragraph 12;

“working day” means any day except a Saturday, Sunday or public holiday.

2. An exempt company must —

- (a) notify the authorised officer in writing of any fireworks event it intends to execute not less than 14 working days before the date of the

THE SCHEDULE — *continued*

fireworks event, or at such later date as the authorised officer may determine (but before the date of the fireworks event); and

- (b) submit to the authorised officer a proposal, in such form and manner as determined by the authorised officer, in relation to the fireworks event.

3. Subject to paragraph 4, no fireworks display may be executed indoors except at any of the following places:

- (a) an auditorium;
- (b) a convention hall;
- (c) a ballroom in a hotel or country club;
- (d) an exhibition hall;
- (e) an indoor stadium;
- (f) a theatre;
- (g) a designated event space at any arrival or departure hall in Changi Airport.

4. A fireworks display may be executed at any of the places specified in paragraph 3 only if the place has an automatic sprinkler system that —

- (a) is approved by the Singapore Civil Defence Force; and
- (b) is in proper working condition.

5. Where the fireworks display is to be executed indoors, it must be limited to theatrical pyrotechnics of the following types:

- (a) coloured stars;
- (b) electric igniters;
- (c) ferris wheels, saxons, spinning wheels or air wheels;
- (d) fountains;
- (e) gerbs;
- (f) lances;
- (g) streamers or confetti cartridges;
- (h) theatrical flashes or airbursts;
- (i) theatrical maroons or concussion;
- (j) wire guided rockets and whistles (with a maximum working duration or propulsion of 3 seconds).

THE SCHEDULE — *continued*

6. Subject to paragraphs 7 and 8, where the fireworks display is to be executed outdoors, it must be limited to theatrical pyrotechnics of the following types:

- (a) coloured stars;
- (b) comets;
- (c) electric igniters;
- (d) falls;
- (e) ferris wheels, saxons, spinning wheels or air wheels;
- (f) fountains;
- (g) gerbs;
- (h) lances;
- (i) mines;
- (j) multiple shots;
- (k) roman candles;
- (l) streamers or confetti cartridges;
- (m) theatrical flashes or airbursts;
- (n) theatrical maroons or concussions;
- (o) wire guided rockets and whistles (with a maximum working duration or propulsion of 3 seconds).

7. Aerial shells must not be discharged or let off in any fireworks display except in a fireworks display executed outdoors at a national event.

8. Firecrackers must not be discharged or let off except in a fireworks display executed outdoors at a national event for the celebration of the Chinese New Year.

9. In any fireworks display, fireworks may be discharged or let off only if they have been certified safe and approved by —

- (a) the competent authority of the country of origin or manufacture of the fireworks; and
- (b) the manufacturer of the fireworks.

10. Fireworks must not be discharged or let off in any fireworks display where the period of recommended usage of the fireworks by its manufacturer has expired.

11. Where any fireworks display is to be executed, an exempt company must execute it in accordance with the instructions of the manufacturer.

THE SCHEDULE — *continued*

12. Except as provided for in paragraph 15, an exempt company must maintain in respect of each firing point a safety area bounded by a circle with the firing point as the centre and a radius that is not less than the minimum radius specified in paragraph 13.

13. The minimum radius is the sum of the distance, from the firing point, of the furthest point of effect produced by the fireworks, and —

- (a) where the fireworks display is executed indoors —
 - (i) a further distance of 1.5 metres; or
 - (ii) where required to ensure safety, a further distance greater than 1.5 metres that is specified by the authorised officer; or
- (b) where the fireworks display is executed outdoors —
 - (i) a further distance of 6 metres; or
 - (ii) where required to ensure safety, a further distance greater than 6 metres that is specified by the authorised officer.

14. Where there are spectators at a fireworks display that is to be executed indoors, the exempt company must maintain a distance of not less than 3 metres between the spectators and the firing point for the fireworks display, but without reducing the safety area.

15. Where the safety area requirements in paragraph 12 cannot be complied with, the fireworks display may be executed by an exempt company if —

- (a) the fireworks display is for a national event;
- (b) the exempt company submits a proposal in respect of the fireworks display to a committee comprising officers from the Singapore Armed Forces and the Defence Science and Technology Agency;
- (c) the committee has conducted a risk assessment and issues a report stating that the risk is as low as is possible for that fireworks display; and
- (d) the exempt company ensures that the fireworks display is executed in accordance with all of the following requirements:
 - (i) the firing points are securely mounted, within pyro boxes or hoarding, or using any other method to prevent the trajectory of the fireworks from pointing at any person;
 - (ii) the fireworks used in the fireworks display do not produce any hard or burning debris when discharged or let off;

THE SCHEDULE — *continued*

- (iii) when the fireworks are discharged or let off, the trajectory of the fireworks is directed away from any person.

16. An exempt company must ensure that there is no individual, vehicle or structure present within the safety area, other than —

- (a) all or any of the following individuals:
- (i) any employee of the exempt company who is involved in the fireworks display;
 - (ii) any special guest; and
- (b) any structure that is necessary to execute the fireworks display.

17. An exempt company must remove, or cause to be removed, all combustible materials within the safety area, except for the fireworks to be used in the fireworks display and any structure mentioned in paragraph 16(b).

18. An exempt company must cordon off and control access to the safety area to prevent unauthorised entry.

19. An exempt company must ensure that —

- (a) there is a team of personnel at all times to respond to and mitigate any incident that may arise from each fireworks display;
- (b) appropriate and sufficient fire extinguishers are provided to fight any fire that may arise from each fireworks display;
- (c) appropriate and sufficient measures are in place to prevent any accidental ignition of any fireworks display or any fire hazard, including but not limited to —
 - (i) the prohibition of smoking within 15 metres from the firing point for the fireworks display;
 - (ii) the prohibition of the lighting of any open flame within 15 metres from the firing point for the fireworks display; and
 - (iii) notices of such prohibition, or of any other appropriate measure, being prominently displayed;
- (d) any device to hold or support any fireworks —
 - (i) is suitable for the purpose for which it is to be used;
 - (ii) is in proper working condition; and
 - (iii) is arranged and secured in a manner to prevent any movement of the device during the discharge, or letting off, of the fireworks, and any premature explosion of the fireworks;

THE SCHEDULE — *continued*

- (e) the smoke from any fireworks display executed indoors does not obscure the visibility of any exit sign or exit route;
- (f) during the fireworks display, appropriate and sufficient measures are in place to ensure the safety of —
 - (i) every employee of the exempt company who is involved in the fireworks display; and
 - (ii) every special guest;
- (g) in the case of fireworks stored overnight at the firing point before the fireworks display, the fireworks are stored under armed guard, or under conditions where there are sufficient staff deployed, to prevent any unauthorised person from entering the firing point, from 7 p.m. of each day the fireworks are stored to the time of arrival of the exempt company at the firing point on the following day;
- (h) at all times there are sufficient staff deployed at or around the firing point to prevent any unauthorised person from entering the safety area;
- (i) the exempt company deploys such number of armed guards as the authorised officer may require, in such manner and during such period of time as the authorised officer may determine, at the place where the fireworks display is to be executed;
- (j) in addition to the requirement in paragraph 18, a cordon is set up and maintained around the firing point of the fireworks display before the fireworks are installed, and is removed only after the fireworks display has concluded and all the fireworks have been disposed of;
- (k) the earliest time at which the fireworks firing controller is connected to any power source is half an hour before the actual time of firing;
- (l) first-aid facilities are provided during each fireworks display;
- (m) the safety area is swept immediately after each fireworks display to recover any undischarged or unspent fireworks, and all undischarged and unspent fireworks recovered are properly disposed of, in accordance with the directions of the authorised officer;
- (n) no undischarged or unspent fireworks from the fireworks display are removed from the safety area without the prior approval of the authorised officer;
- (o) the exempt company submits a post-fireworks display declaration to the authorised officer, in the form and manner determined by the authorised officer and by the next working day after the fireworks display, stating that all the fireworks withdrawn from the approved

THE SCHEDULE — *continued*

storage premises, or imported for the fireworks display, have been discharged, disposed of or re-deposited at the approved storage premises;

- (p) before executing any fireworks display, the exempt company obtains from the authorised officer, the Civil Aviation Authority of Singapore and the Republic of Singapore Air Force directions on the maximum height to which fireworks and pyrotechnics may be discharged or let off during the fireworks display;
- (q) the fireworks and pyrotechnics are not discharged or let off during any fireworks display at a height higher than the maximum height stated in the directions mentioned in sub-paragraph (p);
- (r) all additional safety measures specified by the authorised officer, the Commissioner of the Singapore Civil Defence Force, the Civil Aviation Authority of Singapore, the Republic of Singapore Air Force, the Public Utilities Board and any other relevant authority in connection with each fireworks display are complied with; and
- (s) all incidents that occur in relation to the safety or security of the fireworks event are reported immediately to the Police Licensing and Regulatory Department of the Singapore Police Force.

PART 2

CONDITIONS FOR ORGANISER OF FIREWORKS DISPLAY

1. The organiser of a fireworks display must notify the authorised officer, not less than 14 working days before the date of the fireworks display, or at such later date as the authorised officer may determine (but before the date of the fireworks display), of any involvement of a special guest in the fireworks display.

2. The organiser of a fireworks display that involves a special guest must, before the date of the fireworks display, obtain a written notification from the authorised officer stating that the authorised officer is satisfied that —

- (a) the dangerous fireworks to be used for the fireworks display are unlikely to cause any injury to any special guest who is to be involved in the fireworks display; and
- (b) the exempt company that is to execute the fireworks display has instituted adequate risk management measures to prevent the occurrence of any injury to any special guest involved in the fireworks display.

Made on 26 March 2018.

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Ministry of Home Affairs,
Singapore.*

[MHA (PS) 8/2/01; AG/LEGIS/SL/72/2015/1 Vol. 2]