



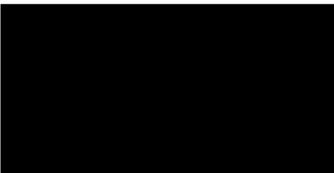
New Zealand Fire Service

Auckland City Fire Area
40 Pitt Street, Newton
Auckland 1010
PO Box 68-646
Newton
Auckland 1145

New Zealand
Phone +64 9 302 5192

11/04/17

Black Dragon Fireworks



Dear [REDACTED]

Subject: Pyrotechnic Display - Written Agreement

Venue: ASB Showgrounds

Date of display: 14/04/16 to 16/04/17

Agreement Conditions –

No alteration to event details as per your application.

Display can viewed prior to use, if required

Examination of site and surrounds post-firing if required.

All safety aspects and evacuation procedures of the event strictly adhered to.

The Chief Fire Officer for Auckland City Fire Area agrees to the display in accordance with the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001, Section (39 outdoor or 44 (2) indoor).

On behalf of the Chief Fire Officer

Russell Dickson

Fire Risk Management Officer PG FI

Auckland City Fire Area

New Zealand Fire Service | 40 Pitt St Newton | Auckland

📞 +64-9-302-5139 📠 +64-274-498-182 📠 Fax: +64-9-302-5197 ✉️ russell.dickson@fire.org.nz

www.fire.org.nz

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NEW ZEALAND
FIRE
SERVICE
Whakarātonga Tui

APPLICATION FORM

Outdoor pyrotechnic display
written agreement and notification
H4-2a FM

Complete this form when seeking Fire Service written agreement for an outdoor pyrotechnic display.
Your answers should reflect the complexity and size of the display and should have been reached in conjunction with appropriate parties such as the event organiser, building or land owner.

Email the completed form and supporting documentation to fireinfo@fire.org.nz

cpwafca@fire.org.nz

Section A – Contact details	
Person in charge of display	[Redacted]
Address of person in charge	71 Hyperion Drive Randwick Park, Auckland
Contact phone number	[Redacted] Mobile phone number
Fax or email	[Redacted]
Confirmation	Name: [Redacted] Signature: [Redacted]
I confirm a site inspection post firing will be conducted to ensure no subsequent fire occurs.	
Privacy Statement	
Personal information you provide in this application form will be collected, used, and held by the Fire Service in accordance with the Privacy Act 1993. The information will be used to assess and determine your application for the Fire Service's agreement to your proposed pyrotechnic display. You have the right to ask for a copy of any personal information we hold about you, and to ask for it to be corrected if you think it is wrong. If you'd like to ask for a copy of your information, or to have it corrected, please contact us at question@fire.org.nz	

Section B – Pyrotechnic display information requirements	
Physical address of display	217 Greenlane West Rd, Epsom Auckland - ASB Showgrounds
Latitude and longitude (marine locations)	Location display fired from, if known, e.g., barge, shore. Latitude and longitude details essential for maritime/marine locations. Car park
Display:	Date: 14, 15 + 16 April 2017 Time: 9.30 pm each night

Section C – Supporting documentation

Attach a display plan that is scaled, marked and labelled with the:

- discharge area ✓
- exclusion zone ✓
- position of firing points, number of firings from each point, and direction of flight of pyrotechnics ✓
- audience location and evacuation routes ✓
- position, number and types of firefighting equipment ✓
- buildings within the exclusion zone if applicable N/A ✓

Details of arrangements for identifying exclusion zone

If the firing involves a display height over 60 m, describe the arrangements for the treatment or safeguarding of the ground and any vegetation so that a fire cannot spread more than five metres from the point of ignition/initiation.

Entire exclusion zone is for seal car parks

For Official New Zealand Fire Service use only

To be completed by the Area Manager

Additional firefighting capability specified by an Area Manager

Written agreement of the Area Manager

Note: This application is not subject to variation once signed. A variation requires a new written agreement.

Name	[Redacted]	Date	11/4/2017
Position	[Redacted]		
Area	[Redacted]	Region	
I agree to the above outdoor display in accordance with the <i>Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001, clause 39(2)</i>		Signature	

BLACK DRAGON FIREWORKS And Pyro-international

5 April 2017

Professional display, job sheet and check list:

Job sheet for ASB showgrounds, Easter Show fireworks display's x 3 to be held on 14th, 15th, and 16th of April 2017 at approximately 9.30pm each night. These are level 2 fireworks displays.

These are 3 separate applications for fireworks displays, however each display is identical save for the date.

Check list:

1. Plan of discharge area. Completed and attached. Please note the exclusion Zone requires 50 metres minimum clearance around the firing zone, we have allowed for up to 60 metres.
2. Area to be secured by temporary wire and mesh fencing and on-site Guards.
3. All display shells will be fired in mortar tube bundles of 40, and to be secured in mortar racks which will be secured to the tar seal using sand bags. The cakes will be secured to the tar seal in the same manner as the mortar racks. All products will be covered leading up to ignition for rain protection.
4. All products will be fired by remote control and electric ignition method. Power won't be available to the product until 10 minutes to firing, [REDACTED] will supervise the firing of the fireworks using a remote controlled electronic firing system, [REDACTED] is also the approved handler in charge of the display.
5. All burnt product will be watered down 20 minutes after firing and cleaned and removed off the site.
6. All mortars and display shells will be used in accordance with regulation 43 of the Hazardous Substances Regulations 2001.
7. All pyrotechnic products will be dealt with in accordance with regulation 42 of the Hazardous Substances Regulations 2001.

8. The cakes and display shells, are products supplied from the Wangton Fireworks company in china, and imported to New Zealand by Black Dragon Fireworks Limited. The products are both 1.4G and 1.3G
9. All relevant parties have been informed as required by the Act, and as a matter of courtesy and safety precaution additional parties have also been notified. These include the following:

Auckland central Fire Chief - application
Auckland City Council - application
Westpac Helicopter - [REDACTED]
Coastguard - [REDACTED]
Auckland Central Police [REDACTED]
Department of labour - application
Greenlane hospital [REDACTED]
CAA

Other:

All safety precautions will be taken to provide a safe display. There will be a number of staff with fire fighting gear including:

1 x 15 litre water spritzers
3 x 9kg fire extinguishers
Torches
1st aid kit
Fire blanket
Ear plugs

The event will only go ahead if the wind is below 30 km/hr and the certified handler deems it safe enough to fire.

There will be a number of static guards available at the event to keep the public out of the exclusion zone.

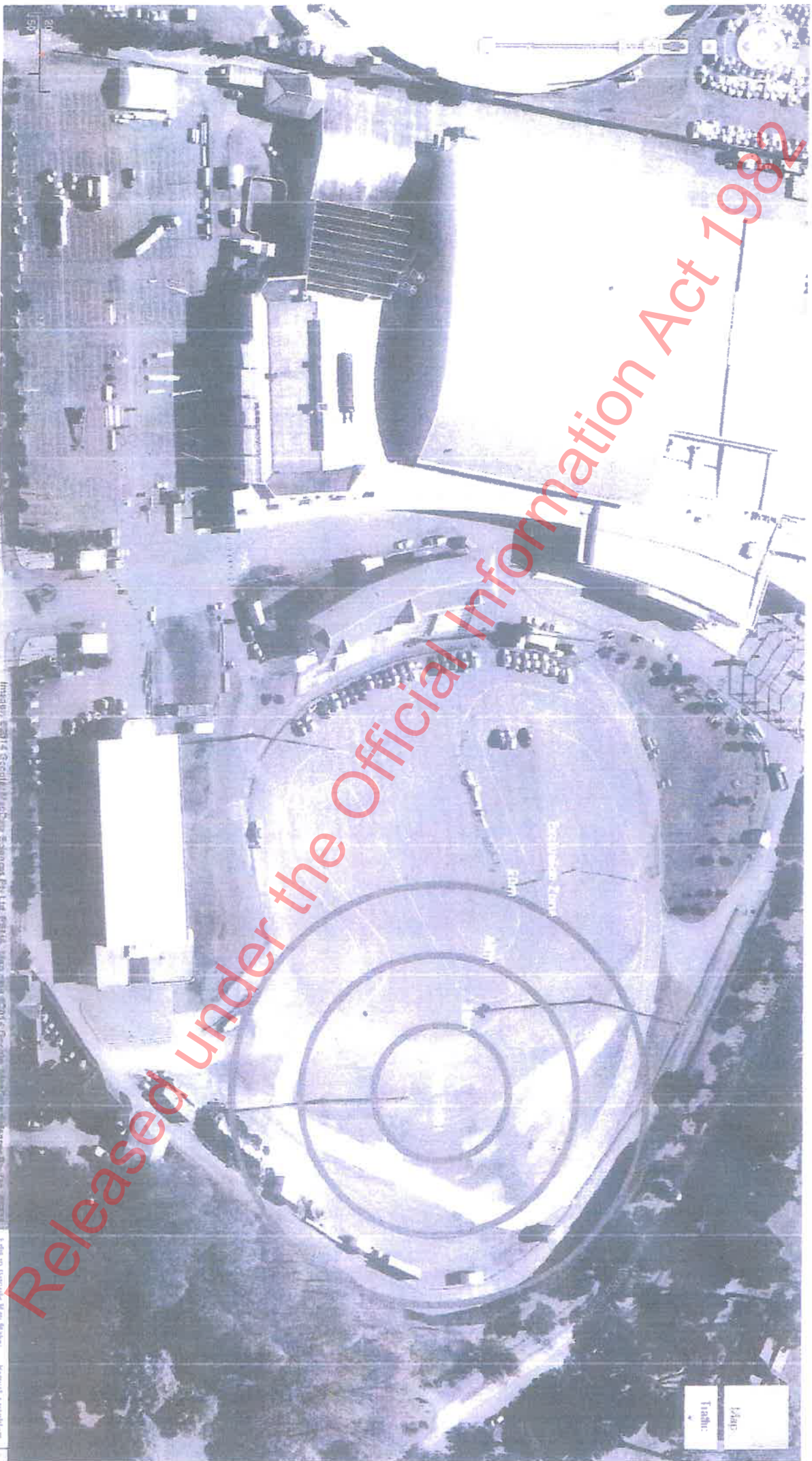
There is a full safety plan attached to this application including Company safety policy.

Once the display has been fired, and a 20 minute cool down period has ended, [REDACTED] and designated staff will inspect the burnt product, water down any hot spots and the area will then be cleared of debris.

List of pyrotechnic products:

- 80 x 2.5" display shells per display
- 12 x large ground cakes per display

Total products = 92 per display



Imaging, editing & graphic design by Jim Patten, Map data © OpenStreetMap contributors, Imagery © Mapbox

Mapbox
Traffic

Application for an Outdoor Pyrotechnics Display Test Certificate

See regulation 40 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001

This form, along with a detailed display plan and copies of approved handler test certificates, should be submitted to a test certifier well in advance of the planned date of the display to allow ample time for the test certifier to evaluate the information and to discuss any issues with you before approving or declining your application.

A list of Test Certifiers is available at: <http://www.epa.govt.nz/search-databases/Pages/res-certifiers-search.aspx>

Select the Explosives/Fireworks option before beginning your search.

Person with overall responsibility for the display

Full name

[REDACTED]

Company

Address

Home phone number

Work phone number

Mobile phone number

Email

Client Details

Full name

[REDACTED]

Company

SHO... [handwritten]

Address

1234... [handwritten]

Work phone number

0800 499649 [handwritten]

Mobile phone number

021 7234567 [handwritten]

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Application for an Outdoor Pyrotechnics Display Test Certificate

The application form is available on the NZ Fire Service website <http://www.fire.org.nz>

B. A rural fire authority (RFA) (for displays in rural areas)

Application for approval made (circle one) Yes No

Written approval obtained (circle one) Yes No

If approval has already been obtained, attach a copy of the approval to this application form.

The application form is available on the NZ Fire Service website <http://www.fire.org.nz> (NB your application will need to be forwarded to the Rural Fire Authority for approval. See www.nrfa.org.nz)

C. Civil Aviation Authority (CAA) or Air Traffic Control (ATC) Authority as relevant

Depending on the location of the display, prior written approval must be obtained from either CAA or the local ATC authority. Refer to HSNO Code of Practice 30-2 for Outdoor Pyrotechnic Displays on our website (www.worksafe.govt.nz) for information on which air safety agency to approach for permission in any given circumstance. CAA and ATC contact details are also provided in the COP.

Application for approval made (circle one) Yes No

Written approval obtained (circle one) Yes No

If approval has already been obtained, attach a copy of the approval to this application form.

D. Harbourmaster (for displays on or over water)

Application for approval made (circle one) Yes No

Written approval obtained (circle one) Yes No

If approval has already been obtained, attach a copy of the approval to this application form.

Notifications

(refer regulation 39 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001)

The following agencies must be notified of the display at least three working days before the display. Refer to the Code of Practice for Outdoor Pyrotechnic Displays for further details on notification requirements or contact a test certifier for advice on pre-display notification requirements.

A. WorkSafe New Zealand

Application for an Outdoor Pyrotechnics Display Test Certificate

Email

Consent of owner of property or owner's delegate

Owner's full name

[Redacted]

Address

213 [Redacted] [Redacted]

Home phone number

[Redacted]

Work phone number

[Redacted]

Mobile phone number

[Redacted]

Email

[Redacted]

Signature

[Redacted]

Date

Approved handler in charge of the display pyrotechnics

Full name

Address

Home phone number

Work phone number

Mobile phone number

Email

Test certificate details of approved handler in charge

(attach a copy AND complete the following):

Approved handler test certificate number

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Application for an Outdoor Pyrotechnics Display Test Certificate

Company name

Black Dragon Pyrotechnics Ltd

Address

[REDACTED]

Work phone number

[REDACTED]

Mobile phone number

[REDACTED]

Email

Display Plan

A copy of the display plan must be attached and include:

- A site plan of the discharge area and the exclusion zone, including any exclusion zone for indoor pyrotechnics as required under regulation 45(2)(d) of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001;
- Details of arrangements for identifying and securing discharge area and exclusion zone;
- The name of the manufacturer, and the size, type and number of pyrotechnic articles to be used;
- Details of positioning of firing points and mortar tubes and the methods of firing;
- The names and responsibilities of all authorised persons operating the display;
- An indication that the requirements of regulation 42 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 will be met;
- Where indoor pyrotechnics are used, an indication that the requirements of regulation 45(4)(b) of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 will be met;
- In the case of aerial displays over 60m in height, an indication that the requirements of regulation 43 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 will be met.

Approvals

(refer regulation 39 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001)

Prior written approval of the display must be obtained from the following agencies (where relevant). Refer to the Code of Practice for Outdoor Pyrotechnic Displays for details on when and how to apply for these approvals.

A. NZ Fire Service (for displays within an urban fire district)

Application for approval made (circle one)

Yes/No

Written approval obtained (circle one)

Yes/No

If approval has already been obtained, attach a copy of the approval to this application form.

Application for an Outdoor Pyrotechnics Display Test Certificate

Notification made (circle one) Yes/No

If yes, attach a copy of notification advice

B. Maritime New Zealand (for displays on or over water)

Notification made (circle one) Yes/No

If yes, attach a copy of notification advice

Signature

Pursuant to the Hazardous Substances and New Organisms (HSNO) Act 1996, the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001, and the Code of Practice for Outdoor Pyrotechnic Displays (HSNOCOP30-2), I hereby make an application for a test certificate for an outdoor pyrotechnics display:

Printed name of Applicant

Signature of Applicant

Date

CHECKLIST

Have you attached:

Copy of the display plans

Copy of the approved handler test certificate

Copies of the necessary approvals and notifications

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Application for an Outdoor Pyrotechnics Display Test Certificate

Expiry date 16/10/2021

Valid for hazard class 1.1G 1.2G 1.3G 1.4G (strike out any that do not apply)

Level of Approved Handler (see final page for a list of pyrotechnic articles available at each Level)

Special conditions of test certificate see copy of Certificate attached

Name of Test Certifier who issued the approved handler test certificate Anton Donald

Details of the Display

Display location (provide GPS coordinates if known) 217 Greenlane Rd, Epsom, Auckland

Date of display 14th, 15th and 16th of April 2017

Time of display 9:30 each night

Postponement date(s) N/A

Type of firings (indoor, outdoor or both) outdoor

Number of firings (actual number of pyrotechnic articles to be used in the display) 92 per night

Address of display (include city and postal code) 276 Waiata

Additional People

List others who will participate under the direct supervision of the approved handler in charge. Include other approved handlers and candidates for approved handler test certificates.

Name(s) [Redacted]

Test Certificate Number(s) (if relevant) AHPOGR

Pyrotechnics Supplier

Black Dragon Pyrotechnics Ltd

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APPROVED HANDLER TEST CERTIFICATE

Issued pursuant to Section 82 of the Hazardous Substances and New Organisms Act 1996

Name: [REDACTED]
Date of Birth: [REDACTED]

Residential contact details:
[REDACTED]
Telephone: [REDACTED]

Work contact details:
Pyro International
71 Hyperion Drive Randwick Park, Auckland
Telephone: [REDACTED]

This certificate is issued in accordance with Regulation 5 of the Hazardous Substances and New Organisms (Personnel Qualifications) Regulations 2001. This certifies that the handler has met the relevant requirements for the substances and lifecycles specified below:

Substances/Classes:
Explosives - Pyrotechnics
Class 1.3G, 1.4G, 1.4S

Lifecycles:
Storage, Use, Transport

Conditions:

1. Unless surrendered or revoked beforehand, this certificate shall remain in force until 16/10/2021 and may be renewed thereafter by an authorised test certifier.
2. This certificate must be produced at the request of an enforcement officer appointed under the HSNO Act 1996.
3. Star Shells up to 125mm

Special conditions:

The certificate is limited to handlers in control of substances used in:

- Outdoor pyrotechnic displays Indoor pyrotechnic displays

The certificate is limited to handlers in control of:

- Level 1 Level 2 Level 3

The certificate is limited to handlers in control of the following display types:

- | | |
|--|--|
| <input type="checkbox"/> Hand fired | <input type="checkbox"/> Floating vessels and floating platforms |
| <input checked="" type="checkbox"/> Electrically fired | <input type="checkbox"/> Moving platforms |
| <input checked="" type="checkbox"/> General outdoor | <input type="checkbox"/> Aircraft |
| <input type="checkbox"/> Elevated position | <input checked="" type="checkbox"/> Stadiums |


Aaron Donald
Test Certifier Registration # 301

Certificate: AHP047
Issue date: 17/10/2016

4D Target Court Glenfield Auckland NZ
Phones: 09 215 6333
Fax: 07 823 1592
Mobile: 021 511 291
Email: info@hazsubs.co.nz
Website: www.hazsubs.co.nz



APPROVED HANDLER TEST CERTIFICATE

Issued pursuant to Section 82 of the Hazardous Substances and New Organisms Act 1996

Name: [REDACTED]
Date of Birth: [REDACTED]

Residential contact details:

[REDACTED]

Phone: [REDACTED]

Work contact details:

Black Dragon Fireworks

Phone: 09 420 3332

This certificate is issued in accordance with Regulation 5 of the Hazardous Substances and New Organisms (Personnel Qualifications) Regulations 2001. This certifies that the handler has met the relevant requirements for the substances and lifecycles specified below:

Substances/Classes:

Pyrotechnics

Class 1.1G, 1.2G, 1.3G, 1.4G, 1.4S

Lifecycles:

Storage, Use, Transport

Conditions:

1. Unless surrendered or revoked beforehand, this certificate shall remain in force until 1/11/2021 and may be renewed thereafter by an authorised test certifier.
2. This certificate must be produced at the request of an enforcement officer appointed under the HSNO Act 1996.
3. Star Shells up to 150mm
4. This certificate replaces 04-A224

Special conditions:

The certificate is limited to handlers in control of substances used in:


- Outdoor pyrotechnic displays Indoor pyrotechnic displays

The certificate is limited to handlers in control of:

- Level 1 Level 2 Level 3

The certificate is limited to handlers in control of the following display types:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Hand fired | <input checked="" type="checkbox"/> Floating vessels and floating platforms |
| <input checked="" type="checkbox"/> Electrically fired | <input checked="" type="checkbox"/> Moving platforms |
| <input checked="" type="checkbox"/> General outdoor | <input type="checkbox"/> Aircraft |
| <input checked="" type="checkbox"/> Elevated position | <input checked="" type="checkbox"/> Stadiums |


Aaron Donald
Test Certifier Registration # 301

Certificate: AHP048
Issue date: 2/11/2016

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