



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

8/03/16

Black Dragon Fireworks



Dear [REDACTED]

Subject: Pyrotechnic Display - Written Agreement

Venue: ASB Showgrounds

Date of display: 24/03/16 to 28/03/16

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 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

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www.fire.org.nz

Leading integrated fire and emergency services for a safer New Zealand | Te Manatū o ngā ratonga ohotata kia haumarū ake ai a Aotearoa

cpucauntiesmanukauy-
cpuacfa@fire.org.nz
cpuwaitemata.

BLACK DRAGON FIREWORKS



1 March 2016

Roy Warren

Senior fire Safety Officer

2 Poynton Terrace

Newton

Auckland

Dear Roy

RE: 5 FIREWORKS DISPLAYS OVER THE EASTER BREAK AT THE ASB SHOWGROUNDS, GREENLANE, AUCKLAND.

As required under the 'Hazardous Substances and New Organisms (HSNO) Act 1996, please find enclosed my application for a test certificate, for 5 x fireworks displays, to be held over the Easter period, at the ASB Showgrounds.

The displays are set down for 9.30pm on the 24th March to the 28th of March 2016, at the ASB showgrounds, inside the arena or parking area. The displays are level 2 only, with the highest flying display shell at 40 to 60 meters height.

All other relevant parties have been informed and enclosed are the following documents:

- Display Plan
- Application for test certificate
- Firing sequence
- Firework product plan
- Check list
- Health and safety plan
- Copy of approved handlers certificate, Jason Peters
- Department of Labour notification
- CAA notification

The displays on each night, are identical, including the product and firing time of approximately 4 to 5 minutes each, however I am required under the act to make 5 separate test certificate applications, and I will need confirmation from the fire Chief for all 5 displays. I have only sent you a copy of one display application, but will need to attach a copy of your confirmation letter on all five applications, when I receive it.

I trust the above meets your requirements, please don't hesitate to contact me if you require any further information and thank you for your assistance in this matter.

Regards

A large black rectangular redaction box covering the signature of the sender.

(Approved Handler)

A small black rectangular redaction box covering the contact information of the sender.

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NOTIFICATION OF PARTICULAR HAZARDOUS WORK

Health and Safety in Employment Regulations 1995



Please mail or fax this form to: The Registrar, WorkSafe NZ Response Team, PO Box 105146, Auckland, email healthsafety.notification@worksafe.govt.nz, fax: 09 984 4115. Regulations 2 and 26 of the Health and Safety in Employment Regulations 1995 define notifiable work and set out who is responsible for making the notification. They are also quoted on the back of this form for your convenience. (If faxing this form, please return only the front page.)

Notification is hereby given under the Health and Safety in Employment Regulations 1995 in respect of the following work:

Nature of work: (tick appropriate box)

- | | |
|--|---|
| <input type="checkbox"/> Scaffolding (all kinds) | <input type="checkbox"/> Felling trees for logging |
| <input type="checkbox"/> Buildings and structures over 5 metres | <input type="checkbox"/> Tree felling for commercial firewood |
| <input type="checkbox"/> Use of a lifting appliance | <input type="checkbox"/> Tree felling in land clearance |
| <input type="checkbox"/> Trench, shaft, pit, etc | <input type="checkbox"/> Tree felling in maintenance of horticulture shelterbelts |
| <input type="checkbox"/> Drive or heading | <input type="checkbox"/> Tree felling in maintenance of overhead power lines |
| <input type="checkbox"/> Excavated face over 5 metres | <input type="checkbox"/> Tree felling in arboriculture |
| <input checked="" type="checkbox"/> Use of explosives | <input type="checkbox"/> Tree felling in silviculture |
| <input type="checkbox"/> Work in, or breathing, compressed air or air substitute | <input type="checkbox"/> Tree felling for willow layering and other work in catchment areas |
| <input type="checkbox"/> Restricted work involving asbestos | <input type="checkbox"/> Tree felling involving wind throw |
| <input type="checkbox"/> Demolition | Other: |

Address of worksite: 217 Greenlane Rd, Epsom, Auckland
Main access road: Greenlane Rd
Location: ASB Showgrounds
Employer: Black Dragon Fireworks

Contractor/Self-employed:
Address:
Contact:
Phone: Fax:

Address: [Redacted]
Contact: [Redacted]
Phone: [Redacted] Fax: [Redacted]

Certificate holder: (Please name certificate holder when notifying scaffolding, diving, asbestos or use of explosives.)
[Redacted]
Number: CSL 008180
Phone: [Redacted] Fax: [Redacted]

Brief description of work: 5 Fireworks Displays 9.30 pm 24th to 25th Nov

Due date of commencement: 24/3/2016
Date: 21/3/2016

Estimated time to complete: 20 minutes
Signed: (for employer) [Redacted]

WSP-00008-01/01/14

Regulation 2 and 26 of the Health and Safety in Employment Regulations 1995

2. Interpretation-

"Notifiable work" means—

- a. Any restricted work, as that term is defined in regulation 2(1) of the [Health and Safety in Employment (Asbestos) Regulations 1998]:
- b. Any logging operation or tree-felling operation, being an operation that is undertaken for commercial purposes:
- c. Any construction work of one or more of the following kinds:
 - i. Work in which a risk arises that any person may fall 5 metres or more, other than—
 - A. Work in connection with a residential building up to and including 2 full storeys:
 - B. Work on overhead telecommunications lines and overhead electric power lines:
 - C. Work carried out from a ladder only:
 - D. Maintenance and repair work of a minor or routine nature:
 - ii. The erection or dismantling of scaffolding from which any person may fall 5 metres or more:
 - iii. Work using a lifting appliance where the appliance has to lift a mass of 500 kilograms or more a vertical distance of 5 metres or more, other than work using an excavator, a fork-lift, or a self-propelled mobile crane:
 - iv. Work in any pit, shaft, trench, or other excavation in which any person is required to work in a space more than 1.5 metres deep and having a depth greater than the horizontal width at the top:
 - v. Work in any drive, excavation, or heading in which any person is required to work with a ground cover overhead:
 - vi. Work in any excavation in which any face has a vertical height of more than 5 metres and an average slope steeper than a ratio of 1 horizontal to 2 vertical:
 - vii. Work in which any explosive is used or in which any explosive is kept on the site for the purpose of being used:
 - viii. Work in which any person breathes air that is or has been compressed or a respiratory medium other than air:

26. Notification-

1. In this regulation, the term "employer" includes a person who controls a place of work.
2. Subject to subclause (4) of this regulation, every employer who intends to commence any notifiable work or any work that will at any time include any notifiable work shall take all practicable steps to lodge notice of that intention in accordance with this regulation.
3. A notice required to be lodged under subclause (2) of this regulation shall—
 - a. Be lodged at an office that deals with occupational safety and health matters, being the nearest such office of the Department to the place where the work is to be carried out; and
 - b. Be in writing; and
 - c. Be given at least 24 hours before the time at which the employer intends to commence the work; and
 - d. Contain the following particulars—
 - i. The nature and location of the work; and
 - ii. The name, address, and contact details of the employer; and
 - iii. The intended date of commencement of the work; and
 - iv. The estimated duration of the work.
4. It shall not be necessary for any employer to comply with subclause (2) of this regulation before commencing any construction work or tree felling operation necessary to deal with an emergency arising from—
 - a. Damage caused by any earthquake, explosion, fire, flood, lightning, rain, slip, storm, or washout; or
 - b. The blockage or breakdown of any drain or sewer; or
 - c. The blockage or breakdown of any distribution system or network for electricity, gas, telecommunications, or water.

BLACK DRAGON FIREWORKS




29 February 2016

Professional display, job sheet and check list:

Job sheet for ASB showgrounds, Easter Show fireworks display's x 5 to be held on 24th, 25th, 26th, 27th and 28th of March 2016 at approximately 9.30pm each night. These are level 2 fireworks displays.

These are 5 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, Tony Taylor will supervise the firing of the fireworks using a remote controlled electronic firing system.
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.  will be in charge of the display and will make the decision to go ahead with the display having regard to the weather conditions on the

evening of the event. [REDACTED] holds a current CSL with a level 3 category.

9. 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
10. 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 or [REDACTED] 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

- 24 x large ground cakes per display

Total products = 104 per display



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CONTROLLED SUBSTANCE LICENCE (NEW ZEALAND)

First Names

[REDACTED]

Surname

[REDACTED]

Date of Birth

[REDACTED]

Licence No.

CSL00818

Issued

19/07/2013

Expires

21/05/2018

Issued under section 85B of the HSWA Act 1988 and, where appropriate, required as a condition of registration under the Act of 1987

Environmental

Protection Authority

Environment

BLACK DRAGON FIREWORKS



Display staff responsibilities:

DISPLAY NAME: ASB Showgrounds x 5 display's 24th March to 28th March 2016

ADDRESS: ASB Showgrounds, 217Greenlane Road East, Auckland.

APPROVED HANDLER	NO.	RESPONSIBILITIES
	CSL008180	Approved handler in charge, including: wiring facilitator, post firing inspection all products, Health and safety supervisor
	04-A224	Client and officials' liaison and all incoming enquiries, instructor for all trainee staff.
	Trainee	Assistant health and safety coordinator, wiring assistant
	Ap.Handler	Wiring facilitator, post firing clean-up, fire officer
	Ap.Handler	Wiring facilitator
	Ap.Handler	Wiring facilitator, post firing clean-up, fire officer assistant
	Ap.Handler	Wiring supervisor, display design, firing board supervisor
	Ap.Handler	Wiring facilitator

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Environment:

Contamination of air

Smoke only but limited.
Clean up policy installed.

Emergency plan:

Each site for pyrotechnics displays require "site specific" emergency plans. The subject site is well protected with a 1.8 metres wire and mesh hording around the outside boundary of the site and a 1 metre wire and mesh fence on the inside boundary of the exclusion zone.

Mobile guards will be placed inside the lower fence portion and less guards on the outside boundary fence

The exclusion zone is also enlarged as the site offers the extra space. The required exclusion zone for this level of pyrotechnic product is 50 metres. This site will have an exclusion zone of over 50 metres and around 60 metres.

The subject site removes a large amount of the usual hazards such as buildings, vehicles, dry grass, product failure issues etc as it is placed on a tar seal car parking area

The emergency plan on this site after applying the 3 main principles of risk management for pyrotechnic displays, is related to the 4 items mentioned above

- Explosion
- Injury
- Fire
- Security breach

The three main principles to be applied are

- Recognition
- Evaluation
- Control

Elimination of risk is the main focus of Black Dragon fireworks. The main risk times associated with fireworks are:

- Transport of fireworks.
- Storage on site
- Safety while rigging
- Safety while hardwiring
- Safety during firing
- Safety while cleaning up

Persons identified most at risk are the pyro technicians and their labourers. The public are also at risk at certain times, however, most of that risk has been eliminated through legislation, training and certification.

Health and safety plan Black Dragon Fireworks:

Equipment:

(Listed above)

Fire fighting
First aid
General
Personal

Responsibilities:

Overall officer in charge of operations - [REDACTED]
CSL approved handler in charge - [REDACTED]
1st aid officers, responsible for signage and administering first aid - [REDACTED]
[REDACTED]
Fire officer nominated, at least 2 trained - [REDACTED]

Main injury concerns:

If an injury or emergency occurs the following Principles are to be followed:

Make safe
Identify
Act
Assess

1. "Make safe" Make sure there is no further threat of injury to any person.
2. "Identify" Assess what the injury or injuries are. what is it, burn, cut, eye injury, hearing etc
3. "Act", what is needed, take the most immediate action i.e., burn, cold water
4. "Assess" Once initial control is in place, assess the injury and make a decision on the further action required.

Minor injuries will normally be treated on-site by first aid qualified staff

Moderate injuries will also usually be treated on-site but may require some additional or specialist follow-up treatment and or medication that is not available on-site.
Examples of these injuries are:

Back injuries

Eye and ear injuries
Deep cuts requiring stitches
Allergies
Etc

Major injuries will require offsite treatment and emergency services. In all displays those emergency numbers will be readily available along with cell phone or landline coverage.

Catastrophic injuries, such as death, toxic gas release major fire etc will mean immediate life preservation measures and those other lives around you.

NB: Where the injury is life threatening or the victim is not conscious remember the first aid principles:

A B C

Airway
Breathing
Circulation

In all cases, a written record will need to be completed at the first safe opportunity.

The most common injuries on display sites are:

- 1 Cuts
- 2 Burns

Prior to leaving for the display job the person in charge of the display will appoint a first aid person who will be responsible for checking that all first aid equipment is up to capacity and in particular is heavily loaded with burn medication and treatment material and ample butterfly plasters, needles and stitch cord, a good range of bandages, savlon and a warm blanket.

Remember!!! **KEEP THE VICTIM WARM**

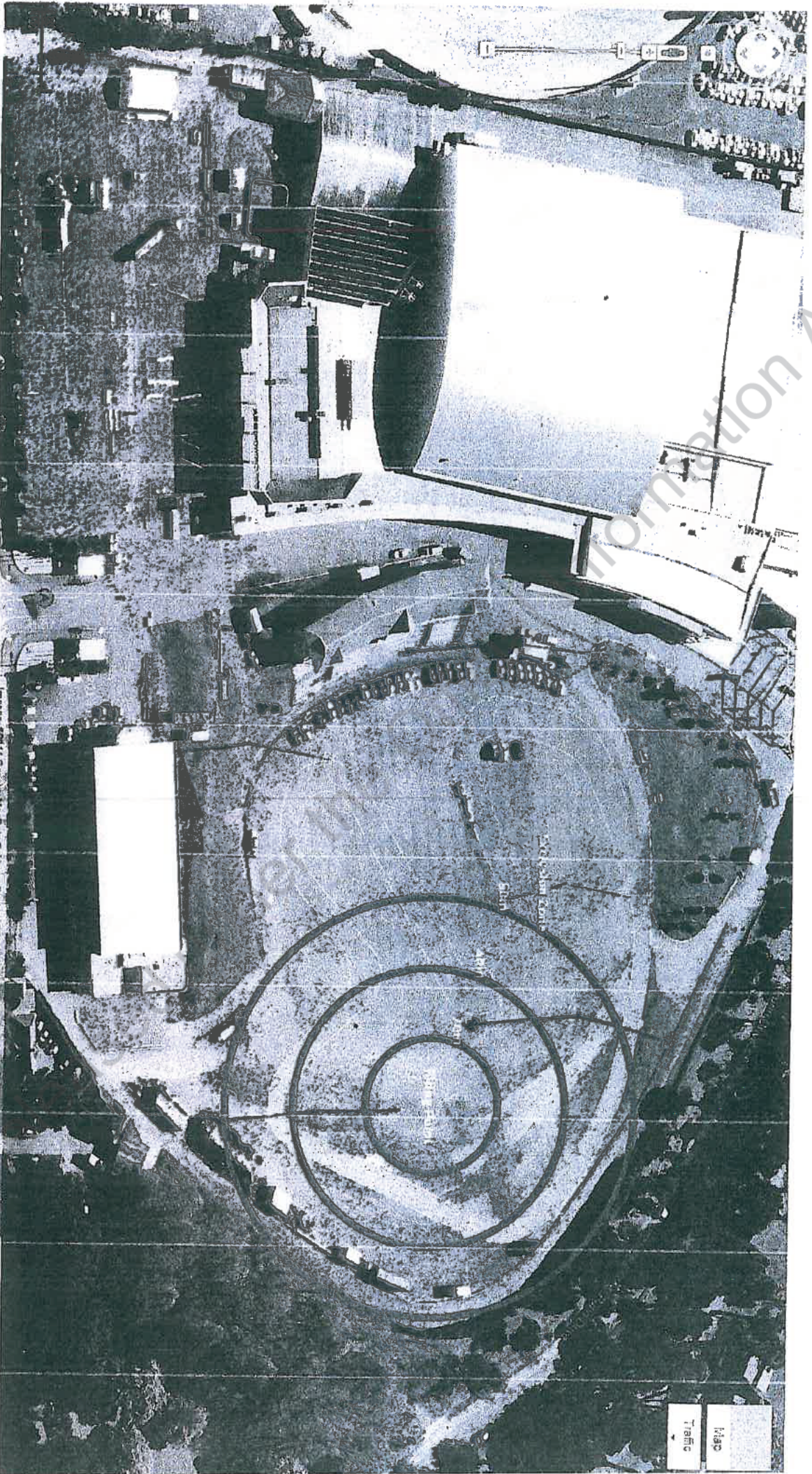
Additional Black Dragon fireworks health and safety policy points:

- All staff are responsible for the safety of themselves and others on display contracts
- Prevention and caution are better than rectification and treatment
- All staff are responsible for keeping all other persons out of restricted areas, polite but firm and assertive.
- Clean-up and clearance of the display area is as important as setting up the display.
- Report and record all incidents, even if trivial.

Policies and Guidelines:

- Principles of First Aid
- Code of practice for outdoor pyrotechnic Displays (HSNO Act 1996) chapters 3, 5, 6,7,9 and Appendix 3 and 10
- Department of Labour, Emergency procedures – stop, think, act
- Reprint dated 9 June 2005 HSNO Act, Hazardous Substances (Classes 1 – 5 Controls) Regulations 2001
- Reprint 9 June 2005 Hazardous Substances and New Organisms (Personnel Qualifications) regulations 2001.
- Black Dragon Fireworks internal training guidelines.

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Mapa
Tráfego

Information Act

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:Boomboom Fireworks,
P.O. Box 67 064,
Mt. Eden,
Auckland 1349

Telephone: 0-9 3666 202

This certificate is issued in accordance with Regulation 40 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001. This certifies that the handler has met the relevant requirements for the substances and lifecycles specified below:

Substances / Classes :

Pyrotechnics

Lifecycles :

1.3G, 1.4G, 1.4S.

USE: TRANSPORT: STORAGE: DISPOSAL :

Maximum Aerial Shell 125mm.

Conditions :

Unless surrendered or revoked beforehand, this certificate shall remain in force until 24/01/2016 and may be renewed thereafter by an authorised test certifier.

This certificate must be produced at the request of an enforcement officer appointed under the HSNO Act 1996.

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 N/A

outdoor pyrotechnics only

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

Hand fired Floating vessels and floating platforms
 Electrically fired Moving platforms
 General outdoor Aircraft
 Elevated position Stadiums

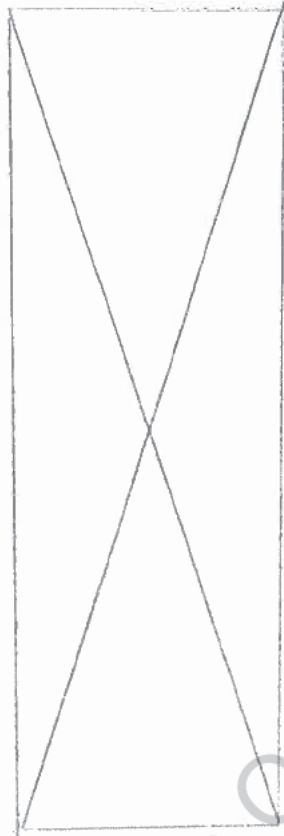
Signed :

Peter Edward Owles
Peter Edward Owles, M.P.S.
P.O. Box 40-204
Upper Hutt

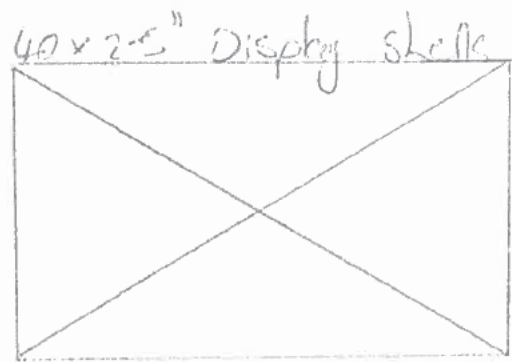
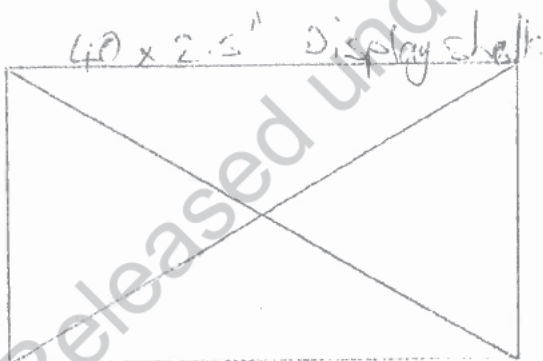
Date : 24/1/11

Test Certifier No. TST 000004
Ph. 04 5288384
Fax. 04 5288394

ASB Showgrounds 2016 Easter Show 24th March to
26th March. 5 Displays 9:30pm each night.



24 Grand cakes



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Black Dragon Safety Plan Template

Date of display: 24th of March to 28th March 2016 x 5 identical displays

Activity: Fireworks Display

Location: ASB Showgrounds, Greenlane West.

Group size: Up to 8 persons

Duration: 5 minutes

Specific problem areas

- Explosion
- Injury
- Fire
- Security breach

Risk factors:

Risk Management

-outsiders entering exclusion zone

Security staff, trained
Defined no go area
Signage
Warning devices

-Accidental ignition

Trained staff only/technicians
No flammable/ignition sources
Fire fighting gear at hand
First aid at hand
Tidy work space
Tool check
Protective clothing
Segregation
Work area layout
Escape plan
Safety gear
Staff briefing
Check list
Rubbish bins

-Weather

Pre-event weather update
All weather gear
Contingency location
Drinking water

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Food and refreshments

Fatigue

Same as above, food, drink etc
Rest area
Rest allocation
Drugs and alcohol banned

-Explosion

Adequate exclusion zone. (Defined under legislation, HSNO Act 1996)
Fire fighting equipment
Trained staff.

Equipment:

All safety equipment will be readily available at all fireworks locations including the firing point. Safety equipment includes the following:

3 x 9kg dry powder fire extinguishers
1 x 15 litre water/weed sprayers
1 x fire blanket
2 x large first aid kits
Chilly bin
Drinking water
Buckets
Ice

Personal protection equipment including:

Non-synthetic clothes
Gloves both leather and cotton and damp is preferable
Head torches
Hi-vis vests
Sun glasses
Hats
Sun block
Ear plugs and muffs
Safety glasses
Safety boots and wet weather gear.

Other general equipment:

Marquee or shipping container
Table and chairs for breaks
Clip boards
Water proof paper for rigging lists
Pencils

BLACK DRAGON FIREWORKS



4 March 2016

Aaron Donald

Hazsub Services

RE: 5 X FIREWORKS DISPLAYS 24TH TO 28TH OF MARCH 2016 AT THE ASB SHOWGROUNDS,
GREENLANE ROAD, EPSOM.

Hi Aaron

Please find enclosed an application for the annual 5 fireworks displays for the Easter Show this year, to be held from 24th to 28th of March 2016,

These displays are a repeat of last year and much of the information provided is very similar if not identical to last year. The only change from last year is that they will be fired at 9.30pm instead of 9pm. Also [REDACTED] is the approved handler in charge of this years' displays, as he is a representative of Black Dragon fireworks and I won't be there for all the displays. Please note that all the staff working these fireworks displays are all certified handlers except [REDACTED]

I have advised all the parties listed in the attached job sheet and check list, and in particular the fire chief has had the file delivered to him and also Worksafe have been sent a copy of the full application, which is now required.

I have applied for a NOTAM from the CAA and will supply this when they return their normal letter, also the fire chief sign-off will be forwarded to you when i receive it.

The usual security arrangements made up of ASB showgrounds staff and our staff, will again be very tight.

Please find enclosed the following documents in support of the applications:

- Application for a test certificate x 5 (1 application only for the 5 displays)
- Display plan and photo of the ASB Showgrounds
- Firing sequence and fireworks layout x 1
- Check sheet x 1
- Safety plan x 1

- Approved handlers certificate for [REDACTED] x 1
- Department of labour notification x 1
- Fire department notification x 1
- Westpac helicopter service notification x 1
- Coastguard notification x 1
- CAA notification

I also confirm the following items:

- Boundary of discharge area is over 200 metres from Greenlane hospital.
- No Hazardous substances listed in (classes 1 – 5 controls regulations 2001 table 2 schedule 2) are within 250 metres of the discharge area.
- All animals are over 200 metres from the discharge area and are in a secure environment.
- All mortars are labelled with correct shell size

I trust the above meets your requirements, please don't hesitate to contact me if you require any further information.

Regards
[REDACTED]

(Approved Handler)
[REDACTED]

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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/testcertifiers-search.aspx>

Select the Explosives/Fireworks option before beginning your search.

Person with overall responsibility for the display

Full name [REDACTED]
Company *Black Dragon Fireworks LTD*
Address [REDACTED]
Home phone number [REDACTED]
Work phone number [REDACTED]
Mobile phone number [REDACTED]
Email *sales@infoconcrete.co.nz*

Client Details

Full name [REDACTED]
Company *ASB SHOW GROUNDS*
Address *217 GREEN LAWN WEST*
Work phone number [REDACTED]
Mobile phone number [REDACTED]

Application for an Outdoor Pyrotechnics Display Test Certificate

Email

[Redacted]

Consent of owner of property or owner's delegate

Owner's full name

[Redacted]

Address

GREENLAWN WEST

Home phone number

~~NA~~

Work phone number

[Redacted]

Mobile phone number

Email

[Redacted]

Signature

[Redacted]

Date

24/2/16

Approved handler in charge of the display pyrotechnics

Full name

[Redacted]

Address

Home phone number

Work phone number

Mobile phone number

[Redacted]

Email

Sales@usfocakes.co.nz

Test certificate details of approved handler in charge

(attach a copy AND complete the following):

Approved handler test certificate number

Application for an Outdoor Pyrotechnics Display Test Certificate

Expiry date 21/05/2018

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) Level 2

Special conditions of test certificate All categories

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

Details of the Display

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

Date of display 5 x Displays 24, 25, 26, 27 and 28 March 2016

Time of display 9-30pm each night

Postponement date(s) Nil

Type of firings (indoor, outdoor or both) outdoor only

Number of firings (actual number of pyrotechnic articles to be used in the display) 104 each night

Address of display (Include city and postal code) as above

Additional People

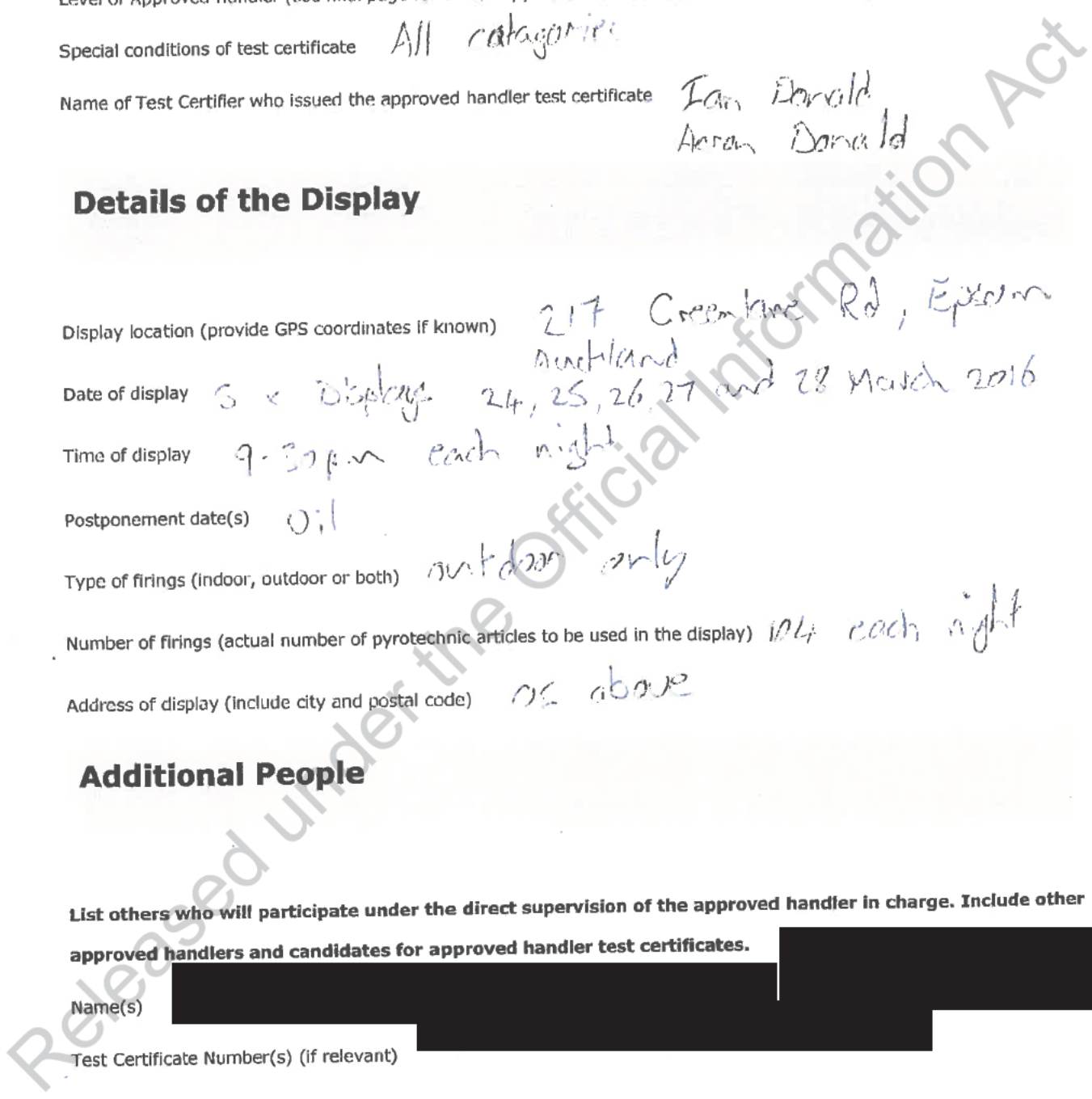
List others who will participate under the direct supervision of the approved handler in charge. Include other approved handlers and candidates for approved handler test certificates.

Name(s) [Redacted]

Test Certificate Number(s) (if relevant) [Redacted]

Pyrotechnics Supplier

Black Dragon fireworks



Company name Black Dragon Fireworks
 Address [Redacted]
 Work phone number [Redacted]
 Mobile phone number as above
 Email [Redacted]

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 FBA

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

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)

N/A

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 TBA

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

Not required

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

Harbour master will be informed

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

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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

2/2/2016

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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BLACK DRAGON FIREWORKS



2 March 2016

The Manager Aeronautical Services

Civil Aviation Authority

P.O Box 3555

Wellington 6140

RE: 5 X FIREWORKS DISPLAYS 24th of MARCH to 28th OF MARCH 2016 AT THE ASB SHOWGROUNDS, GREENLANE ROAD, EPSOM.

Please find enclosed, a 'Notice of Proposal to Use Pyrotechnics' under CAR Part 77, for 5 x fireworks displays to be held at the ASB Showgrounds over the Easter break.

The displays will be held at 9.30pm on the evenings of the 24th, 25th, 26th, 27th and 28th of April 2016.

All of the displays are identical in terms of the fireworks product to be used and all displays will last for approximately 5 minutes.

The display will largely be made up of 2.5" shells and ground cakes. The 2.5" shells can reach heights of 80 metres, but generally fly to about 40 to 60 metres.

I trust the above meets your requirements, please don't hesitate to contact me if you require any further information.

Regards,



(Approved Handler)


Notice of Proposal to use Pyrotechnics or Weapons - CAR Part 77



This form is to be used to notify CAA of a proposal to conduct a pyrotechnics display or use weapons that involves the firing or launching of a projectile that has a trajectory higher than:

- 45m AGL if within 4km of an aerodrome boundary; or
- 120m AGL if more than 4km from an aerodrome boundary.*

* This notification is not required if the proposal to stage a pyrotechnic display or use of weapons in an air traffic control zone when the ATC unit is on duty, in which case the proposer must obtain prior authorisation from that ATC unit at least 5 working days prior to the activity.

This notification is to be submitted to the CAA at least 5 working days notice prior to the proposed date of the activity.

The CAA Standard Rate hourly charge applies.

1. Proposer Details

Name: (Individual or Organisation)		Black Dragon Fireworks Ltd	
Address for Service: <i>Civil Aviation Act, s8, requires applicants to provide an address for service in New Zealand (ie, a physical address) and to promptly notify the Director of any changes.</i>		[Redacted]	
Tel:	[Redacted]	Fax:	N/A
Email:		[Redacted]	
Postal Address (If different from Address for Service.)			
[Redacted]			
Authorised Contact:		[Redacted]	
Tel:	[Redacted]	Fax:	
Email:			

2. Nature of Proposal

Location (WGS84)			
Lat	[Redacted]	°S	Long
			[Redacted]
Start date/time (NZST, NZDT or UTC)	9 30pm x 5 nights 24 March to 28 March 2016	Completion date/time	[Redacted]
A. Elevation of site above mean sea level (metres)	[Redacted]	B. Maximum height of activity above ground level (metres)	[Redacted]
C. Maximum effective height of activity above mean sea level (metres)	(C=A+B)	[Redacted]	[Redacted]

3. Description of Proposal

<p>Complete description of proposal. Examples of details required are:</p> <ul style="list-style-type: none"> (a) types of pyrotechnical devices or weapons to be used; (b) height range of burst type pyrotechnics or shells; (c) site or event details. 	
<p>5 x fireworks displays, 9:30pm each evening of 26 March to 28 March 2016 at the Easter show at the ACE Stadium, Greenlane Rd 7.10</p>	
<p>Each night is identical in product used and consists of 20 x 2.5" display shells and 24 ground cakes. Neither of these products fly over 120m high. The 2.5" shells fly to approximately 20m and the ground cakes up to 60m high.</p>	
<p>The event is held in the vacant car park area with over 60m of exclusion zone.</p>	
<p>Proposed timing within the event (indicate if in NZST, NZDT or UTC):</p>	<p>9.30 pm each night</p>
<p>Alternative timing if required:</p>	<p>N/A</p>
<p>Lateral dimensions or position of activity (indicate the radius, width, area or geographical coordinates as required):</p>	<p>approximately 40m spread in the air</p>
<p>Designated Controlling Authority or contact person for special use airspace and contact details:</p>	<div style="background-color: black; width: 100%; height: 20px;"></div>

Evidence of consultation with other affected airspace users, if any:	Nil
Other information pertinent to the activity or event (procedures, support arrangements, expected periphery activity, etc, please attach as necessary)	Nil This is a certified event as contained in the "Hazardous Substances and New Organisms act 1996"

5. Certification

I hereby certify that all the above statements made by me are true and complete to the best of my knowledge.




 Printed Name Signature Date

The notice required shall be made by submitting this form to:

Manager Aeronautical Services
 Civil Aviation Authority
 PO Box 3555
 Wellington 6140

The notice may also be submitted to: fireworks@caa.govt.nz

Notification to the Civil Aviation Authority does not waive the requirements of any other local body or Government agency.

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