



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

26/03/15

Black Dragon Fireworks Ltd

[REDACTED]
Dear [REDACTED]

Subject: Pyrotechnic Display - Written Agreement

Venue: ASB Showgrounds

Date of display: 2/04/15-----6/04/15

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 F)

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

APPLICATION TO A TEST CERTIFIER FOR AN
OUTDOOR PYROTECHNIC DISPLAY TEST CERTIFICATE

This application form, along with a detailed display plan and copies of approved handler test certificates should be submitted to a test certifier who holds approval from ERMA New Zealand to issue outdoor pyrotechnic display test certificates. See regulation 40 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001.

This form and the supporting information 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. For test certifier contact details go to: <http://www.ermnz.govt.nz/search-databases/Pages/testcertifiers-search.aspx>

1. Person and with overall responsibility for the display	
Name	[REDACTED]
Contact details	[REDACTED]
2. Name of Client	
Name	[REDACTED]
Contact details	[REDACTED]
3. Display Location	
ASB Showgrounds 217 Greenlane Rd, Epsom, Auckland	
4. Consent of owner of property or owner's delegate	
* Owner name	ASB SHOWGROUNDS
Contact details	HEAD OF OPERATIONS [REDACTED]
Signature	[REDACTED]
Date	17/3/15
5. Pyrotechnics supplier	
Name	Blade Dragon Fireworks LTD
Contact details	[REDACTED]
6. Date of display	
2/4/15 - 6/4/15	
7. Postponement date(s)	
N/A	

8. Approved handler in charge of the display pyrotechnics

Name



Contact details



9. Test certificate details of approved handler in charge (attach a copy AND complete the following)

Approved handler test certificate number

Expiry date 24/01/16

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

Level of Approved Handler (see page 5 for a list of pyrotechnic articles available at each Level)

~~Level 1~~ Level 2 ~~Level 3~~ (strike out the two levels that do not apply)

Special conditions of test certificate All categories except Indoor displays.

Name of Test Certifier who issued the approved handler test certificate

Peter Edward Owles MFS

10. 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)



11. Attach a copy of the display plan

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

- ✓ A site plan of the discharge area and the exclusion zone;
- ✓ 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;
- ✓ 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.

12. Notifications (regulation 39 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001)

A. Approval of the Principal Rural Fire Officer (write "NA" if not applicable)

Name

Signature

Stamp

Conditions

B. Approval of the Chief Fire Officer (write "NA" if not applicable)

Name

Signature

Stamp

Conditions

C. Civil Aviation Authority (CAA) or Relevant Air Traffic Control Unit

Controlled Aerodromes

- The relevant air traffic control unit must be notified not less than 5 days prior to a display if the display is to be conducted within 15 km of a controlled aerodrome.
- The relevant air traffic control unit must be notified not less than 5 days prior to a display if the display is more than 15 km from a controlled aerodrome **and** the projectile height is to be greater than 120m above surface level.
- The controlled aerodromes are those at Auckland, Christchurch, Dunedin, Gisborne, Hamilton, Invercargill, Napier, Nelson, New Plymouth, Ohakea, Palmerston North, Queenstown, Rotorua, Tauranga, Wellington, Whenuapai, Woodbourne.

Uncontrolled Aerodromes

- The CAA must be notified not less than 5 working days prior to a display if the display is within 4 km of an uncontrolled aerodrome and the projectile height is to be higher than 45m above surface level
- The CAA must be notified not less than 5 working days prior to a display if the display is more than 4 km from an uncontrolled aerodrome and the projectile height is to be higher than 120m above surface level.

12. Notifications, continued.

D. Approval of the Harbourmaster (write "NA" not applicable)

Name

Signature

N/A

Stamp

Conditions

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 (HSNOCOP30-1), I hereby make an application for a test certificate for an outdoor pyrotechnics display:

[Redacted]

Printed name of Applicant

[Redacted]

Signature of Applicant

15 / 03 / 2015

Date

REMINDER – PRE-DISPLAY NOTIFICATION REQUIREMENTS

If you are issued a display test certificate in respect of this application, you must notify the agency responsible for enforcement of the HSNO Act and regulations in the area of the display at least 3 working days prior to the date of the display. See regulation 39 in the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 for details.

If the display is for hire or reward, you must notify the Department of Labour. If the display is a volunteer effort, you must notify the local authority with jurisdiction for HSNO enforcement. If the display is to be conducted from a floating platform or if the exclusion zone incorporates any part of a body water you may also need to notify Maritime New Zealand. Contact a test certifier for advice on pre-display notification requirements.



(AUCKLAND-CENTRAL) Notifiable Works Reference No. HW10097619

1 message

healthsafety.notifications@worksafe.govt.nz
<healthsafety.notifications@worksafe.govt.nz>
To: [Redacted]

Thu, Mar 12, 2015 at 10:09 PM



Notification of Particular Hazardous Work

DO NOT REPLY TO THIS EMAIL ADDRESS

This is an acknowledgement of the receipt of your notification with reference number HW10097619.

Nature of Work

- Use of explosives

Worksite Information

Worksite Address ASB showgrounds 217 greenlane Road, Auckland
Main Access Road Greenlane Road
Location Central tar seal area

Employer Information

Employer Black Dragon Fireworks Limited
Employer Address 1325 Kahikatea Flat Road, Kaukapakapa, auckland
Employer Contact [Redacted]
Phone Number [Redacted]
Fax Number [Redacted]
Email Address [Redacted]

Work Details

Brief Description of Work 5 x fireworks displays at the easter show
Date of Commencement Thursday, 2 April 2015

Estimated Date of Completion Monday, 6 April 2015

Date Submitted Thursday, 12 March 2015

Certificate of Competency Details

Certificate Number 04-A224
Certificate Holder [REDACTED]
Expiry Date Sunday, 24 January 2016
Phone Number [REDACTED]
Fax Number [REDACTED]

Thank you for providing us with your notification. We use this information to support both longer term analysis of hazardous activity and more immediate workplace assessment planning. You may receive a visit from a health and safety inspector, especially if the combination of hazardous work you are undertaking meets our assessment criteria.

Yours sincerely,
Manager, Response Team,
WorkSafe New Zealand.

govt.nz - your guide to finding and using New Zealand government services

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BLACK DRAGON FIREWORKS

1325 Kahikatea Flat Road, Kaukapakapa, Auckland. [REDACTED]

15 March 2015

Professional display, job sheet and check list:

Job sheet for ASB showgrounds, Easter Show fireworks display's x 5 to be held on 2nd, 3rd, 4thth, 5th and 6th of April 2015 at approximately 9.00pm 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 20 and 40, and to be secured in mortar racks which will be secured to timber fixed to the tar seal surface. The cakes will be 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, Jason Peters will supervise trainees to fire 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. [REDACTED] 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 Approved Handler Test Certificate with a level 2 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 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]
Auckland International Airport. [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] will inspect the burn 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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BLACK DRAGON FIREWORKS

1325 Kahikatea Flat Road, Kaukapakapa, Auckland



Display staff responsibilities:

DISPLAY NAME: ASB Showgrounds x 5 display's 2ndth April to 5th April 2015

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

APPROVED HANDLER	NO.	RESPONSIBILITIES
	04-A224	Overall in charge, including health and safety officer, post firing inspection all products, client and officials liaison and all incoming enquiries, display initiator and instructor for all trainee staff.
	82 765	Wiring facilitator
	Trainee	Assistant health and safety coordinator, wiring assistant, post display clean-up assistant, general hand.
	Trainee	Wiring assistant, safety equipment coordinator
	Trainee	General hand
	Trainee	Wiring assistant, security guard, fire fighter assistant
	Trainee	Wiring assistant, first aid assistant, safety equipment coordinator

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Firing sequence for ASB Showgrounds event 2 to 6 April 2015

Date of Display: 17 to 21 April 2014, 5 displays, the firing sequence below is for one of the five displays, and all displays are identical.

NB: No postponement date.

Display style: All product preloaded, wired and electric fired.

QTY	1 – Opening sequence and finale	Loom	Location
20	20 x 2” display shells	1-1	Mortar rack
12	Ground cakes	1-2	In ground
12	Ground cakes	1-3	In ground
60	2” display shells	1-4	In ground
	Total products = 104		

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Black Dragon Safety Plan Template

Date of display: 2 to 6 April 2015 x 5 identical displays

Activity: Fireworks Display

Location: ASB Showgrounds, Greenlane West.

Group size: Up to 6 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
Food and refreshments

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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
Safety helmets
Ear plugs and muffs
Safety glasses
Safety boots and wet weather gear.

Other general equipment:

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

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]

2nd in charge- [REDACTED]

1st aid officer, responsible for signage and administering first aid - [REDACTED]

Fire officer nominated, at least 2 trained – [REDACTED] refreshment officer – [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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BLACK DRAGON FIREWORKS

1325 Kahikatea Flat Road, Kaukapakapa, Auckland



15th April 2015

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 between 8.30pm and 9pm on the 2nd, 3rd, 4th, 5th and 6th of April 2015, at the 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.

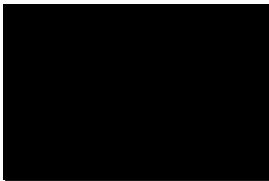
All other relevant parties have been informed and enclosed are the following documents:

- 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 from the 2nd to the 6th of April, 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.

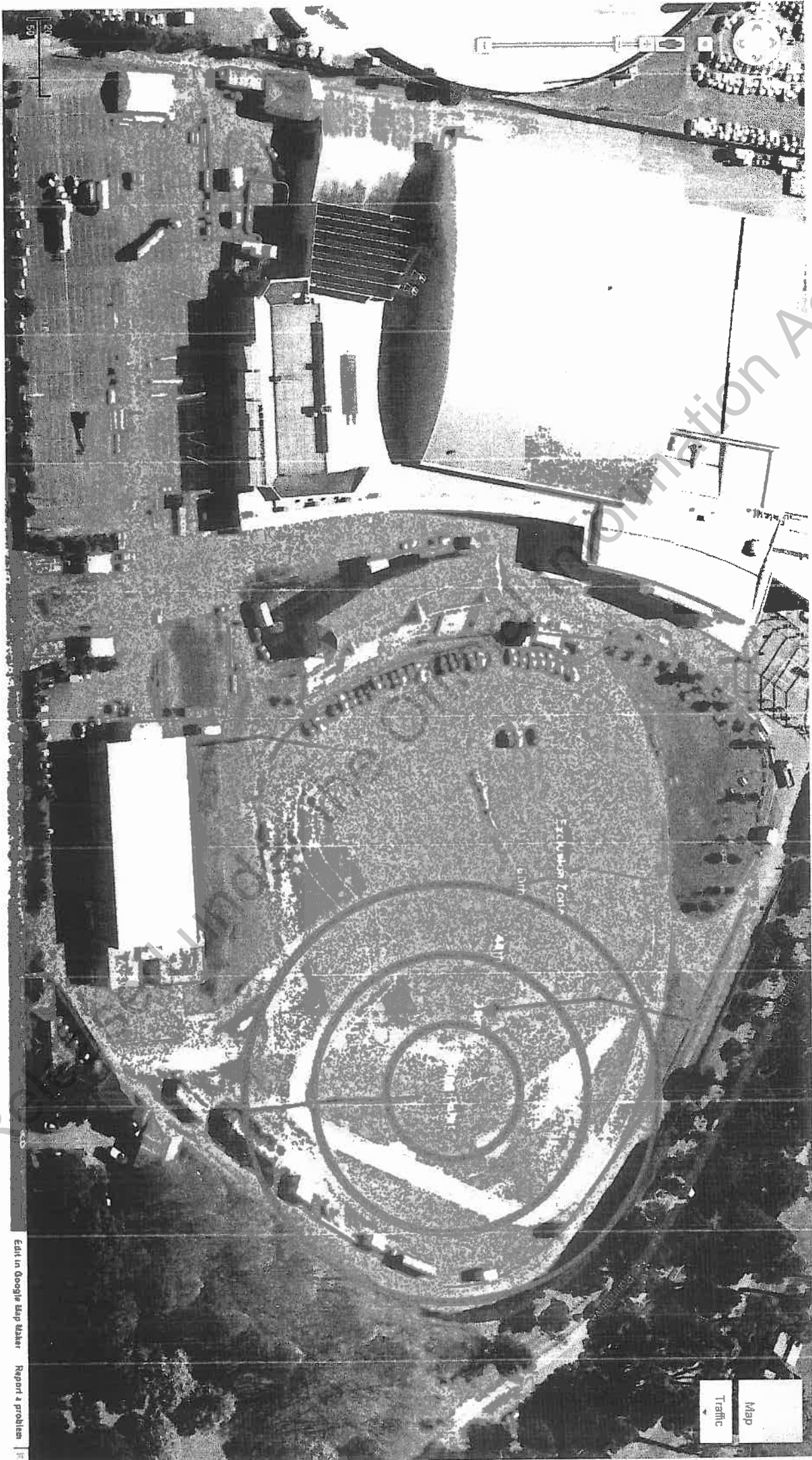
Regards

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

(Approved Handler)

A small black rectangular redaction box covering the name of the sender.

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Map
Traffic

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 2015 Easter Show 2nd to 6th April

5 x Displays 9pm each night.

Fireworks plan.

12 x Ground Cakes

12 x Ground Cakes

40 x 2.5" Display shells

40 x 2.5" Display shells

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BLACK DRAGON FIREWORKS

1325 Kahikatea Flat Road, Kaukapakapa, Auckland



15 March 2015

The Manager Aeronautical Services

Civil Aviation Authority

P.O Box 3555

Wellington 6140

RE: 5 X FIREWORKS DISPLAYS 2nd to 6th of April 2015 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 8.30pm to 9pm on the evenings of the 2nd, 3rd, 4th, 5th and 6th of April 2015.

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>		1325 Kaitiaki St Kaitiaki New Zealand 4111	
Tel:	[Redacted]	Fax:	[Redacted]
Email:	[Redacted]		
Postal Address (if different from Address for Service.)		[Redacted]	
Authorised Contact:		[Redacted]	
Tel:	[Redacted]	Fax:	[Redacted]
Email:	[Redacted]		

2. Nature of Proposal

Location (WGS84)			
Lat	[Redacted]	°S	Long
	[Redacted]		°E
Start date/time (NZST, NZDT or UTC)	2nd of April to 6th of April 2015 9pm each night	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>There are 5 displays to be held over 3 nights at the ASB Showgrounds Easter show from 2 April to 6 April 2015. ASB Showgrounds 217 Greenlane Rd West Auckland.</p>	
<p>Product: each night</p>	
<p>800 x 2.5" display shells, effect height = 40 to 50 metres 200 ground rocket with dot, effect height = 40 to 50 metres</p>	
<p>Display duration will be approx 10 minutes in the period around 9pm each night</p>	
<p>Proposed timing within the event (indicate if in NZST, NZDT or UTC):</p>	<p>WEST 8:30 to 9pm</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>50 metre Radius</p>
<p>Designated Controlling Authority or contact person for special use airspace and contact details:</p>	<p>Approved handler 04-41214</p>

Evidence of consultation with other affected airspace users, if any:	N/A
Other information pertinent to the activity or event (procedures, support arrangements, expected periphery activity, etc, please attach as necessary)	5 x test certificates, 1 for each display on each night of the Easter show

5. Certification

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

[Redacted Name]

Printed Name

[Redacted Signature]

Signature

14/3/2015

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.