



**Waitemata Fire Area**  
**Fire Risk Management Office**  
PO Box 300 412, Albany  
Auckland 0752  
Phone: 09 354 5170

17 August 2017



Dear [REDACTED]

**Subject: Pyrotechnic Display - Written Agreement**

**Venue:** Trusts Arena, 65-67 Central Park Drive, Henderson

**Date:** 01 October 2017 at 2145

**Agreement Conditions** – No alteration to event details as per your email. Display can viewed prior to use.

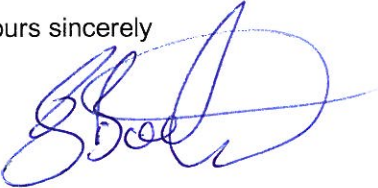
**Conditions:**

1. That resource consent from the Auckland Council has been granted.
2. Only the approved handler in charge, and those listed as being under their direct supervision, must attend and are to be engaged with the firing and handling, on site.
3. All product manufacturers/distributors instructions to be adhered to
4. The wind speed within the discharge area does not exceed, with the exception of occasional gusts, 30 km/hr.
5. No burning fragments fall within an area where a member of the public are present.
6. All spectators must be kept well clear of fireworks at all times during the display.
7. A procedure be put in place to evacuate the public away from the display area, should this be needed.
8. Suitable, in-service, first aid firefighting equipment (e.g. fire extinguishers, knapsack pumps, etc) are immediately available at the firing points and any other appropriate location, along with trained personnel to operate them.
9. Potential areas of vegetation fire, in the expected area of pyrotechnic landing, should be managed prior to firing. to avert accidental ignition (e.g. grass areas to be mown; dry gardens and vegetation wet down).
10. No Chinese lanterns are to be used.
11. Examination of site and surrounds is to be carried out post-firing
12. A phone must be available to contact fire or other emergency services (Dial 111).
13. Unobstructed access to the area must be maintained for emergency vehicles.
14. The New Zealand Fire Service Communication Centre notified prior to event (Phone: 09 486 7648 and place an 'Advised Event')

The Area Commander for Waitemata Fire Area hereby agrees to the above display in accordance with the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001, Section 39 (2).

The agreement is subject to the above 'agreement conditions'. If such conditions are not met, or continued to be met then this agreement is deemed to be withdrawn and you must seek a new approval from the Area Commander.


Yours sincerely

PP 

Denis O'Donoghue

**Area Commander**

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 <b>NEW ZEALAND FIRE SERVICE</b> <i>Whakararanga Iwi</i>	<h1>APPLICATION FORM</h1> <p><b>Outdoor pyrotechnic display written agreement and notification</b> H4-2a FM</p>
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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](mailto:fireinfo@fire.org.nz)

<b>Section A – Contact details</b>	
Person in charge of display	[REDACTED]
Address of person in charge	[REDACTED]
Contact phone number	[REDACTED]      Mobile phone number [REDACTED]
Fax or email	[REDACTED]@pyroworks.co.nz
Confirmation	Name..... [REDACTED]      Signature.....  I confirm a site inspection post firing will be conducted to ensure no subsequent fire occurs.  <b>Privacy Statement</b>  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 <a href="mailto:question@fire.org.nz">question@fire.org.nz</a>

<b>Section B – Pyrotechnic display information requirements</b>	
Physical address of display	The Trusts Arena, 65-67 Central Park Drive, Waitakere
Latitude and longitude (marine locations)	Location display fired from, if known, e.g., barge, shore. Latitude and longitude details essential for maritime/marine locations. See HSNO Pyrotechnics Application attached
Display:	Date: 1 October 2017 + rain date      Time: 21:45 approx

NZ FIRE SERVICE  
 WAITEMATA FIRE AREA  
 17 AUG 2017  
 SIGNED  
 FIRE MANAGEMENT

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**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.

**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.

See attached HSNO Pyrotechnics Application

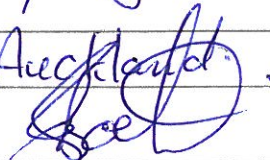
**For Official New Zealand Fire Service use only**

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	J BOOTH	Date	17/AUG/2017
Position	AAC		
Area	Waitemata	Region	Auckland
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	





**VAN TIEL**  
**PYROTECHNICS**  
LIMITED



**DESIGNER MANUFACTURER DISPLAYER OF FIREWORKS & PYROTECHNIC EFFECTS**

[Redacted] Ph.D. (Chem), B.Sc. (Chem & Physics), MNZIC, IPS, PGII, AFN  
[Redacted] Phone/Fax 64-7-8246564 Mobile [Redacted]  
Email: [Redacted]@pyroworks.co.nz Web: www.pyroworks.co.nz

**HAZARDOUS SUBSTANCES AND NEW ORGANISMS ACT 1996**

**APPLICATION FOR AN OUTDOOR PYROTECHNICS DISPLAY  
TEST CERTIFICATE**

Regulation 40 of the Hazardous Substances (Class1 to 5 Controls) Regulations 2001

**1. Person with overall responsibility for the display**

Full name: [Redacted]  
Company: Van Tiel Pyrotechnics Ltd  
Address: [Redacted]  
Home phone number: [Redacted]  
Work phone number: (07) 824 6564  
Mobile phone number: [Redacted]  
Email address: [Redacted]@pyroworks.co.nz

**2. Client details**

Full name: [Redacted]  
Company: Waitakere Indian Association  
Address: PO Box 21670, Henderson, Auckland  
Work phone number: [Redacted]  
Mobile phone number: [Redacted]  
Email address: waitindass@gmail.com

**3. Consent of owner of property or owner's delegate**

Owner's full name:  
Address:  
Work phone number:  
Home phone number:  
Mobile phone number:  
Email address:  
Signature & date:

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17 AUG 2017

WORLD  
FIRE PIEX MANAGEMENT

#### 4. Approved handler in charge of the pyrotechnics display

Full name: [REDACTED]  
Address: [REDACTED]  
Home phone number: [REDACTED]  
Work phone number: (07) 824 6564  
Mobile phone number: [REDACTED]  
Email address: [REDACTED]@pyroworks.co.nz

#### 5. Test certificate details of approved handler in charge

Approved handler test certificate number: AH001-841  
Expiry date: 20/9/2020  
Valid for hazard classes: 1.1B, 1.1D, 1.1G, 1.2G, 1.3C, 1.3G, 1.4G, 1.4S, 2.1.1A, 3, 4, 5.1, 5.2, 6, 8  
Level of approved handler: LEVEL 3  
Special conditions of test certificate:

Name of test certifier who issued the approved handler test certificate: Ian Donald

#### 6. Details of the display

Display location: The Trusts Arena, 65-67 Central Park Drive, Waitakere  
GPS co-ordinates: 36°51'31.23"S 174°38'14.97"E  
Date of display: 1 October 2017  
Time of display: 21:45 hours approx  
Postponement date(s): 2 October 2017  
Type of firings: Outdoor  
Number of firings: 297

#### 7. Additional pyrotechnic personnel

Name & test certificate number: [REDACTED] AH001-966  
Name & test certificate number: [REDACTED] AH001-965  
Name & test certificate number: [REDACTED]  
Name & test certificate number: [REDACTED]

#### 8. Pyrotechnics supplier

Company name: Van Tiel Pyrotechnics Ltd  
Address: [REDACTED]  
Work phone number: (07) 824 6564  
Mobile phone number: [REDACTED]  
Email address: [REDACTED]@pyroworks.co.nz

#### 9. 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:  
SEE ATTACHED MAP
- Details of arrangements for identifying and securing discharge area and exclusion zone:  
DISCHARGE AREA OF 25 METERS. EXCLUSION ZONE ESTABLISHED BY A FENCED AREA AND/OR SECURITY.

- The name of the manufacturer, and the size, type and number of pyrotechnic articles to be used:  
VAN TIEL PYROTECHNICS AND/OR IMPORTED PYROTECHNIC PRODUCTS  
110 x 2.5", 72 x 3", 54 x 4", 28 x 5" STAR SHELLS (1.3G),  
20 x 100mm STAR MINES (1.4G), 13 x MULTISHOTS (1.4G), 2 x ROMAN CANDLES (1.4G)

NEQ = 74 KG

- Details of positioning of firing points and mortar tubes and the methods of firing:  
FIRING POINTS AS INDICATED ON MAP. PLASTIC HDPE MORTAR TUBES IN WOODEN RACKS/BOXES, ELECTRIC FIRING.
- The name and responsibilities of all authorized persons operating the display:  
SEE ABOVE FOR AUTHORIZED PERSONNEL. DUTIES INCLUDE, PREPARATION, FIRING, SECURITY OF PYROTECHNICS, CLEAN UP AND OTHER DUTIES ASSOCIATED WITH CONDUCTING A PYROTECHNICS DISPLAY.
- An indication that the requirements of regulation 42 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 will be met:  
UNINTENDED INITIATION OR IGNITION OF CLASS 1 CATEGORY G SUBSTANCES INCLUDE COVERING/CAPS, PROTECT OR REMOVE ANY CLASS 2, 3, 4 OR 5 SUBSTANCES, APPROVED COMPUTER OR MANUAL FIRING SYSTEMS, EVACUATION DURING THUNDERSTORM
- 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:  
ALL MATERIAL IN THE EXCLUSION ZONE IS SUFFICIENTLY FIRE RESISANT TO WITHSTAND CONTACT WITH A BURNING OBJECT LIKELY TO BE GENERATED AS A RESULT OF THE DISPLAY FOR 30 SECONDS
- In the case of aerial displays over 60m in height, an indication that the requirement of regulation 43 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001 will be met:  
APPROVED PLASTIC MORTARS, WIND STRENGTH AND DIRECTION TAKEN INTO CONSIDERATION REGARDING EXCLUSION ZONE, NO RELOADING

#### 10. Fire Service written agreement

Refer regulation 39 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001. Regulation 39(2)(a), the person in charge of the display must obtain prior written agreement for the holding of the display from the New Zealand Fire Service or the New Zealand Rural Fire Authority:

Written agreement of the Chief Fire Officer or Principal Rural Fire Officer:

Name:

Position:

Organisation:

Additional conditions specified by a Chief Fire Officer:

Stamp:



- Specify fire fighting equipment to be used:  
2 x 10 LITRE FOAM FIRE EXTINGUISHERS. WATER SPRAYER AND BUCKETS AS REQUIRED.

Describe appropriate steps so that a fire cannot spread more than 5 metres from the point of ignition:  
SITE VEGETATION – MOWN GRASS & GARDEN AREA. WET DOWN GARDEN AREA DEPENDING ON WEATHER CONDITIONS IN FIREWORKS ZONE. MAXIMUM WIND SPEED 30KM/HR FROM FIRING ZONE.

- Describe the evacuation route the audience will use to a place of safety should an emergency arise as a result of the pyrotechnic display:  
LARGE OUTDOOR AREAS WITH EVACUATION ROUTES AWAY FROM PYROTECHNICS DISPLAY. EVENT ORGANISER AND/OR SECURITY WILL DIRECT SPECTATORS IN THE EVENT OF AN EVACUATION.
- Applicant will organize a thorough inspection of the site post firing to ensure no subsequent fire will occur:  
POST DISPLAY INSPECTION AND 30 MINUTE FIRE WATCH. REMOVAL OF BULK PYROTECHNIC WASTE.

#### 11. Civil Aviation Authority (CAA) or Air Traffic Control (ATC) written agreement

Refer regulation 39 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001. Regulation 39(2)(b), the person in charge of the display must obtain prior written agreement for the holding of the display from the agency responsible for air safety in the vicinity of the display if the firing involves heights over 60 meters:

Application for approval made: YES  
When written approval has been obtained this will be attached to this application.

#### 12. Notifications

Refer regulation 39 of the Hazardous Substances (Classes 1 to 5 Controls) Regulations 2001. Regulation 39(1), the person in charge of an outdoor pyrotechnic display involving the firing of Class 1 category G substances to any height must, at least 3 working days before the first firing occurs notify:

**WorkSafe New Zealand.** A copy of the notification attached.

**Maritime New Zealand** (for displays on or over water). A copy of the notification attached.

#### 13. 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:

[Redacted signature]

[Redacted signature]

Date: 14/08/2017

Signature of applicant

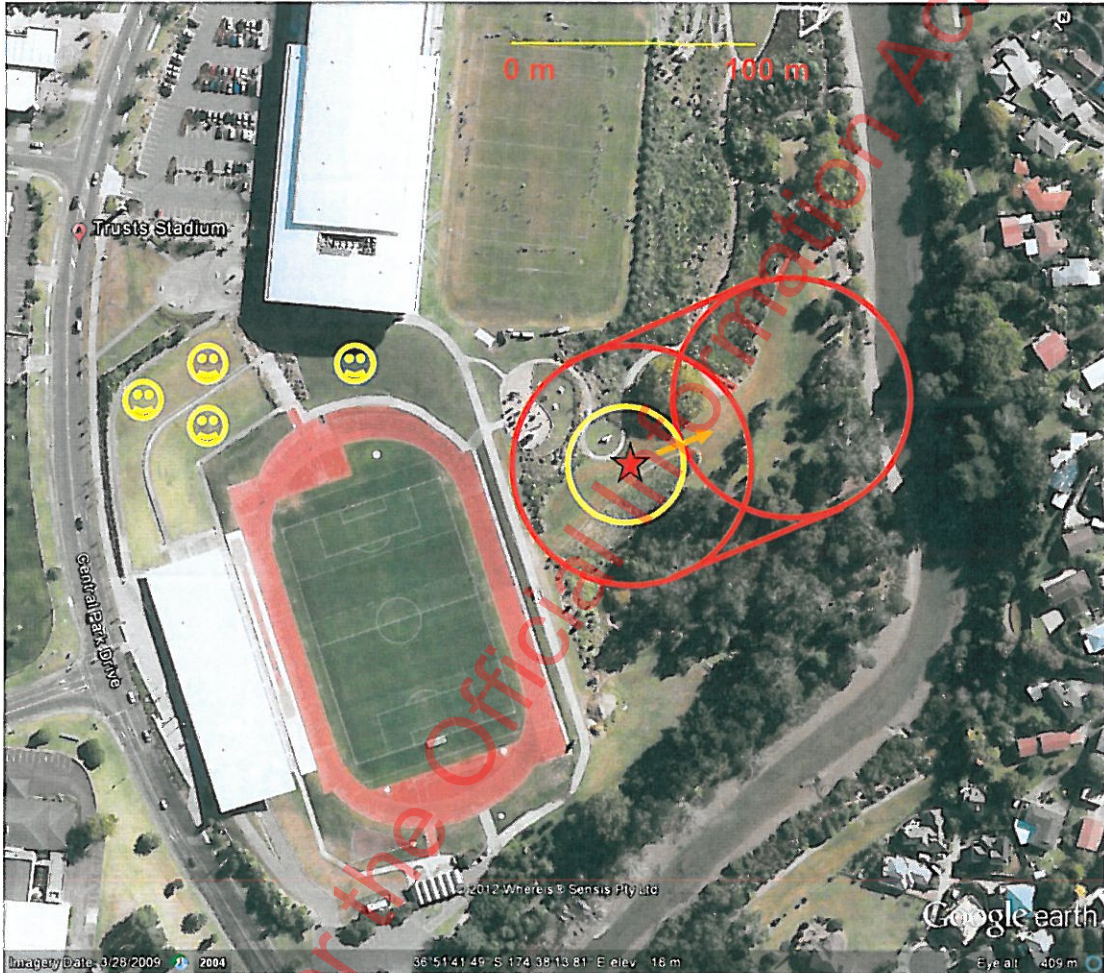




**PYROTECHNICS DISPLAY SITE MAP**

**DATE: 1 OCTOBER 2017**

**THE TRUSTS ARENA, CENTRAL PARK DRIVE, WAITAKERE**



★ = FIREWORKS

— = DISCHARGE AREA – 25m

— = EXCLUSION ZONE – 50m TO SIDES, 125m DOWN RANGE

→ = DIRECTION OF FLIGHT



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