# CITY OF NOVI CITY COUNCIL SEPTEMBER 9, 2024



**SUBJECT:** Approval of request for Pyrotechnics Display Permit by Brightmoor Christian Church to be operated by James Herr, on Saturday, September 21st, 2024.

**SUBMITTING DEPARTMENT:** City Clerk

#### **KEY HIGHLIGHTS:**

- State Law requires legislative approval for these types of permits
- Brightmoor Church has requested previously and was approved for similar displays last year
- Novi Fire Department has conducted the necessary inspections to ensure the display is safe

# **BACKGROUND INFORMATION:**

Brightmoor Christian Church would like to enhance upcoming programs with the addition of a pyrotechnics display on Saturday, September 21st, 2024.

The pyrotechnics show will be launched from the worship center stage.

The Michigan Fireworks Safety Act requires the applicant to furnish adequate insurance coverage with the Fireworks Permit Application. The Certificate of Liability Insurance is acceptable and provides an endorsement listing the City of Novi as an Additional Insured.

The Novi Fire Department has conducted a site inspection, and an additional inspection will occur once the show is complete. Additional Police and Fire Department personnel will be assigned for the duration of the event to ensure that all safety measures and processes are adhered to according to the fireworks permit.

**RECOMMENDED ACTION:** Approval of request for Pyrotechnics Display Permit by Brightmoor Christian Church to be operated by James Herr, on Saturday, September 21st, 2024.

# 2024 Application for Fireworks Other Than Consumer or Low Impact

FOR USE BY LEGISLATIVE BODY OF CITY, VILLAGE OR TOWNSHIP BOARD ONLY

DATE

DATE PERMIT(S) EXPIRE: The LEGISLATIVE BODY OF CITY, VILLAGE OR TOWNSHIP BOARD will not discriminate against any individual or group because of race, sex, religion, age, national origin, color, marital status, disability, or political beliefs. If you need assistance with reading, writing, hearing, etc., under the Americans with Disabilities Act, you may make your needs known to this Legislative Body of City, Village or Township Board. Authority: 2011 PA 256 TYPE OF PERMIT(S) (Select all applicable boxes) Agricultural or Wildlife Fireworks Articles Pyrotechnic Display Fireworks Public Display Private Display Special Effects Manufactured for Outdoor Pest Control or Agricultural Purposes NAME OF APPLICANT ADDRESS OF APPLICANT AGE OF APPLICANT 18 YEARS OR OLDER 40800 W 13 Mile Road, Novi MI 48377 X YES NO NAME OF PERSON OR RESIDENT AGENT REPRESENTING ADDRESS PERSON OR RESIDENT AGENT REPRESENTING CORPORATION, LLC, DBA OR OTHER CORPORATION, LLC, DBA OR OTHER IF A NON-RESIDENT APPLICANT (LIST NAME OF MICHIGAN ATTORNEY ADDRESS (MICHIGAN ATTORNEY OR MICHIGAN RESIDENT TELEPHONE NUMBER OR MICHIGAN RESIDENT AGENT) NAME OF PYROTECHNIC OPERATOR ADDRESS OF PYROTECHNIC OPERATOR AGE OF PYROTECHNIC OPERATOR 18 YEARS OR 40800 W 13 Mile Road, Novi MI 48377 James Herr OLDER X YES □ NO NO. YEARS EXPERIENCE NO. DISPLAYS WHERE Brightmoor Christian Church NAME OF ASSISTANT ADDRESS OF ASSISTANT AGE OF ASSISTANT 18 YEARS OR OLDER ☐ YES □ NO NAME OF OTHER ASSISTANT ADDRESS OF OTHER ASSISTANT AGE OF OTHER ASSISTANT 18 YEARS OR OLDER □ NO EXACT LOCATION OF PROPOSED DISPLAY Brightmoor Christian Church Worship Center Platform DATE OF PROPOSED DISPLAY TIME OF PROPOSED DISPLAY September 21, 2024 3:00pm MANNER AND PLACE OF STORAGE, SUBJECT TO APPROVAL OF LOCAL FIRE AUTHORITIES, IN ACCORDANCE WITH NFPA 1123, 1124 & 1126 AND OTHER STATE OR FEDERAL REGULATIONS. PROVIDE PROOF OF PROPER LICENSING OR PERMITTING BY STATE OR FEDERAL GOVERNMENT Metal Flammables Cabinet AMOUNT OF BOND OR INSURANCE (TO BE SET BY LOCAL GOVERNMENT) NAME OF BONDING CORPORATION OR INSURANCE COMPANY 900,000 Shilton & Associates, Inc. ADDRESS OF BONDING CORPORATION OR INSURANCE COMPANY 660 Cascade West Parkway, SE Grand Rapids, MI 49546 NUMBER OF FIREWORKS KIND OF FIREWORKS TO BE DISPLAYED (Please provide additional pages as needed) 12 1/2 Second x 20' Silver Gerb 40 10 Second x 25' Silver Waterfalls

SIGNATURE OF APPLICANT

# 2024 Permit for Fireworks Other than Consumer or Low Impact

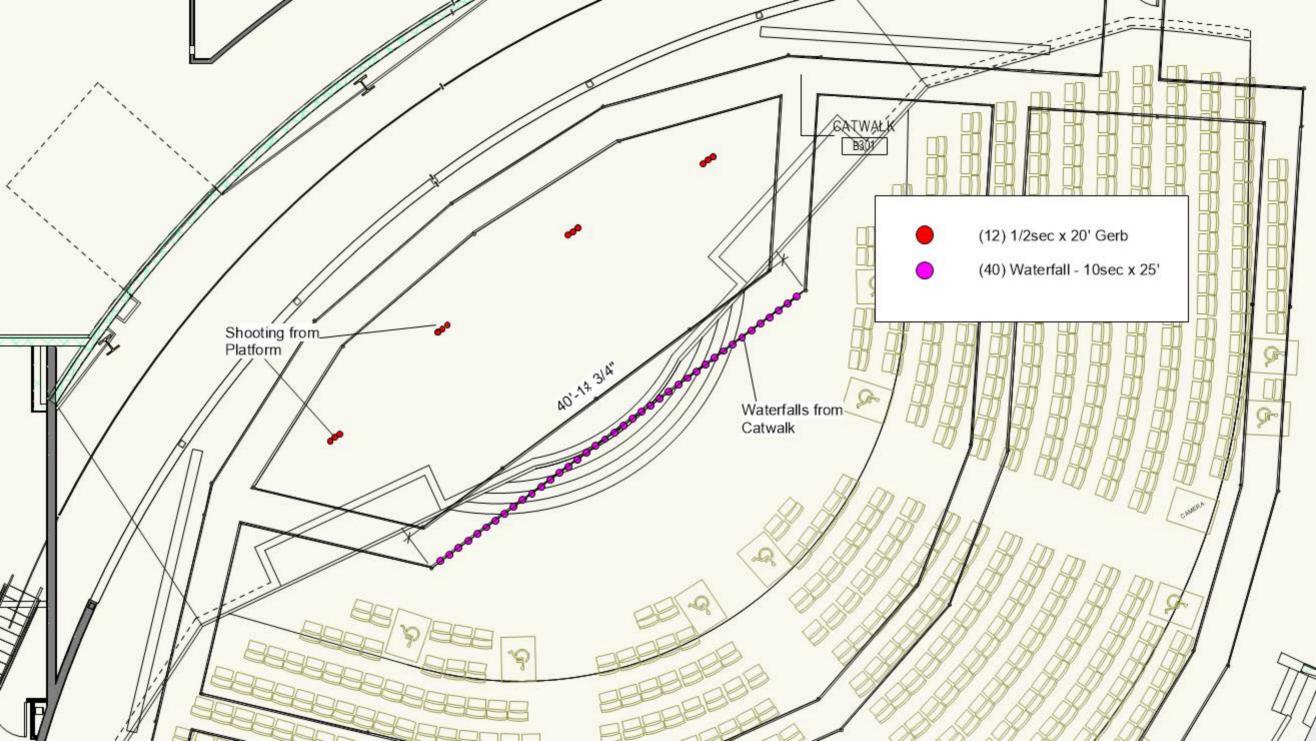
The **LEGISLATIVE BODY OF CITY, VILLAGE OR TOWNSHIP BOARD** will not discriminate against any individual or group because of race, sex, religion, age, national origin,color, marital status, disability, or political beliefs. If you need assistance with reading, writing, hearing, etc., under the Americans with Disabilities Act, you may make your needs known to this Legislative Body of City, Village or Township Board.

This permit is not transferable. Posses the purpose of and at the place listed by			on to possess, transpo	ort and display f	reworks in the amounts, for			
TYPE OF PERMIT(S) (Select all appl	FOR US	FOR USE BY LEGISLATIVE BODY OF						
Agricultural or Wildlife Fireworks	CITY, VI BOARD	LLAGE OR TOWNSHIP ONLY.						
Public Display	X Private Display				PERMIT(S) EXPIRATION DATE (ENTER DATE OF EXPIRATION)			
Special Effects Manufactured for C	Outdoor Pest Control or Agricu	ultural Purposes						
NAME OF PERSON PERMIT ISSUED TO James Herr					AGE (18 YEARS OR OLDER)			
ADDRESS OF PERSON PERMIT ISSUED TO 40800 W 13 Mile Road No	ovi MI 48377							
40800 W. 13 Mile Road, No NAME OF ORGANIZATION, GROUP, FIRM OR	CORPORATION							
Brightmoor Christian Churc								
40800 W. 13 Mile Road, Novi MI NUMBER AND TYPES OF FIREWORKS (Please	48377 attach additional pages if necessary)							
(12) 1/2 second by 20' Silve (40) 10 second by 25' Silve								
EVALUE DISPLAY OF LIST								
EXACT LOCATION OF DISPLAY OR USE  Main Worship Center Platfo	orm							
CITY, VILLAGE, TOWNSHIP			DATE C/O4/O4		IME			
Novi BOND OR INSURANCE FILED			9/21/24		:00pm MOUNT			
X YES NO					900,000			
				Ψ	300,000			
Issued by action of the Legislative Bo	ody of the							
☐ City ☐ Village ☐ Township of	of							
		on the _	day of		_ , 2024.			
Justin Fischer, Mayor								
	(Signature and	Title of Legislative Body Represe	entative)					

\*THIS FORM IS VALID UNTIL THE DATE OF EXPIRATION OF PERMIT\*

Authority:

2011 PA 256





# SAFETY DATA SHEET

#### January 2019

# **SECTION 1 – PRODUCT IDENTIFICATION**

# 1.1 Product identifier

Product Name: GERBS, JETS, CASCADES, WATERFALLS & ROCKETS

# 1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Articles pyrotechnic for technical purposes

# 1.3 Details of the Supplier of the Safety Data Sheet

Supplier: Le Maitre Ltd

Street/P.O. Box: 6 Forval Close Postcode/City: CR4 4NE, Mitcham

Country: England

Telephone number: +44 (0)20 8646 2222

Email: info@lemaitreltd.com

# 1.4 Emergency telephone number

Please contact: +44 (0)151 951 3317 Health and Safety Executive (HSE) Chemicals Regulation Directorate

Other comments: Only available during office hours

# **SECTION 2 – HAZARDS IDENTIFICATION**

Hazard pictograms:

# 2.1 Classification of the substance or mixture

H204: Fire or projection hazard

# 2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Hazard category: Division 1.4

Signal word: Warning

Hazard statement: H204 Fire or projection hazard Precautionary Statements Prevention: P210, P234

Precautionary Statements Response: P370 + P372 + P380 + P373

Precautionary Statements Storage: P401 Precautionary Statements Disposal: P501

#### 2.3 Other hazards

There are no chronic effects from handling the product appropriately.

When used in the correct manner, any fallout does not pose a risk to personal health.

#### **SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

#### 3.1 Substances

Name	CAS No.	EC No.			
Acaroid Resin	93164-80-8	298-861-7			
Aluminium powder	7429-90-5	231-072-3			
Antimony Sulphide	1345-04-6	215-713-4			
Barium Carbonate	513-77-9	208-167-3			
Charcoal	16291-96-6	240-383-3			
Dextrin	9004-53-9	232-675-4			
Graphite	7782-42-5	231-955-3			
Iron	7439-89-6	231-096-4			
Magnesium powder	7439-54-4	231-104-6			
Potassium Benzoate	582-25-2	209-481-3			
Sodium Bicarbonate	144-58-8	205-633-8			
Potassium Nitrate	7757-79-1	231-818-8			
Potassium Perchlorate	7778-47-7	231-912-9			
Talc	14087-96-6	238-877-9			
Sulphur	7704-34-9	231-722-6			
Titanium powder	7440-32-6	231-142-3			

List above covers all products within the Gerb, Jet, Cascade, Waterfall & Rocket families

#### **SECTION 4 - FIRST AID MEASURES**

# 4.1 Description of first aid measures

**General notes:** In the case of accident or sickness, seek medical advice immediately. **Following inhalation:** Remove casualty to fresh air and keep warm and at rest.

Following skin contact: Wash immediately with soap and water

Following eye contact: Immediately flush with water

Following ingestion: If accidently swallowed, rinse the mouth with plenty of water (only if the person is

conscious) and obtain medical attention

Self protection of the first aider: Pay attention to self protection!

# 4.2 Most important symptoms and effects, both acute and delayed

Irritation to the eyes and irritation to the skin

# 4.3 Indication of any immediate medical attention and special treatment needed

First aid, decontamination, treatment of symptoms

# **SECTION 5 - FIREFIGHTING MEASURES**

# 5.1 Extinguishing media

**Suitable extinguishing media:** If there is a small flame persisting from the effect itself (or from the surrounding area) this can be extinguished with a dry powder or Carbon Dioxide Fire Extinguisher if trained to do so.

For larger fires do not attempt to extinguish any fire unless specifically trained to do so. Evacuate area and contact emergency services

Unsuitable extinguishing media: N/A

# 5.2 Special hazards arising from the substance or mixture

Hazardous combustion products may be produced.

Pyrotechnic devices can burn violently and the state of the fire will be dependent on composition, packaging and containment.

#### GERBS, JETS, CASCADES, WATERFALLS & ROCKETS

#### 5.3 Advice for firefighters

Exercise extreme caution. Special protective equipment for firefighters: wear self-contained breathing apparatus and chemical protective clothing

# **SECTION 6 - ACCIDENTAL RELEASE MEASURES**

#### 6.1 Personal precautions, protective equipment and emergency procedures

- **6.1.1 For non-emergency personnel:** Suitable personal protective equipment. Remove ignition sources.
- **6.1.2 For emergency responders:** Remove persons to safety. Isolate hazard area and deny entry. Ventilate closed spaces before entering.

# 6.2 Environmental precautions

Prevent large spillages from entering surface water or drains.

# 6.3 Methods and material for containment and cleaning up

Dispose of as special waste in compliance with local and national regulations.

# 6.4 Reference to other sections

See sections 8 and 13

#### **SECTION 7 - HANDLING AND STORAGE**

# 7.1 Precautions for safe handling

Protective measures: Handle with caution.

Measures to prevent fire: No smoking and no naked flames.

Measures to prevent aerosol and dust generation: Do not tamper with the item.

Advice on general occupational hygiene: Do not eat, drink or smoke in work areas. Wash hands after

use.

# 7.2 Conditions for safe storage, including any incompatibilities

**Technical measures and storage conditions:** Store in cool, dry place.

**Requirments for storage rooms and vessels:** Always store in original packaging with appropriate marking and labelling. Stores should be adequately secured and identified.

# 7.3 Specific end use(s)

The identified use for this product is detailed in section 1.2.

# **SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

# 8.1 Control parameters

Workplace exposure limits.

# 8.2 Exposure controls

- **8.2.1 Appropriate engineering controls:** Provide adequate ventilation.
- 8.2.2 Personal protection equipment: Appropriate Safety goggles.
- **8.2.3 Environmental exposure controls:** No specific measures.

#### GERBS, JETS, CASCADES, WATERFALLS & ROCKETS

#### **SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

# 9.1 Information on basic physical and chemical properties

Appearance: Solid tube containing pressed composition

As this is essentially a sealed unit chemical properties are not applicable

#### 9.2 Other information

No additional information relevant to safe use.

#### SECTION 10 - STABILITY AND REACTIVITY

# 10.1 Reactivity

No specific data related to reactivity available.

# 10.2 Chemical stability

Stable under recommended conditions of storage and use.

# 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

# 10.4 Conditions to avoid

Avoid high temperatures, shock, static discharge, vibrations or other physical stresses that might result in a hazardous situation.

#### 10.5 Incompatible materials

As this is a sealed unit incompatible materials are not applicable.

# 10.6 Hazardous decomposition products

Decomposition does not occur during normal circumstances of storage, transport and handling. Upon functioning various gases may be emitted including oxides.

# **SECTION 11 - TOXILOGICAL INFORMATION**

# 11.1 Information on toxilogical effects

As this is a sealed unit this only applies to spillages.

May cause eye and skin irritation. Inhalation or ingestion may cause discomfort.

# **SECTION 12 – ECOLOGICAL INFORMATION**

# 12.1 Toxicity

Not classified as dangerous for the environment/aquatic toxicant

# 12.2 Persistance and degradability N/A

# 12.3 Bioaccumulative potential N/A

#### 12.4 Mobility in soil N/A

# 12.5 Results of PBT and vPvB assessment N/A

#### 12.6 Other adverse effects N/A

#### **SECTION 13 - DISPOSAL CONSIDERATIONS**

# 13.1 Waste treatment methods

No specific regulations apply to packagings or spent devices.

Unused devices should be returned to the manufacturer, functioned in a safe manner or soaked in a vessel of water for 48 hours. If soaked in water review local and national requirements prior to disposal.

#### **SECTION 14 – TRANSPORT INFORMATION**

# 14.1 UN number

UN0431 or UN0432

# 14.2 UN proper shipping name

Articles pyrotechnic for technical purposes

# 14.3 Transport hazard class(es)

1.4G (UN0431) or 1.4S (UN0432)

# 14.4 Packing group

N/A

# 14.5 Environmental hazards

None

#### 14.6 Special precautions for user

No smoking or naked flames

# 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

N/A

#### **SECTION 15 - REGULATORY INFORMATION**

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Explosives Regulations 2014 and all orders of council, HSG 36, Local Authorities and the Health and Safety Executive.

Pyrotechnic Articles European Directive 2013/29/EU

# 15.2 Chemical Safety Assessment

N/A

#### **SECTION 16 - OTHER INFORMATION**

Information for this safety data sheet was obtained from sources considered technically accurate and reliable. Whilst every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of, or reliance on, any information contained in this form.

OP ID: MB

ACORD

# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 03/11/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

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Ge the	neral Eas	Liability Ce ter Programs d 19th, 2024	rtifi s (fe	cate listing eaturing pyre	City o	f No nics ncell	D 101, Additional Remarks Schedu vi as additional insured on the following date ation/ 10 Day Notice fo I insureds is strictly su	d for s:Apri	iI	 re space is requii	ed)			
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This Liability Coverage Endorsement is subject to the **terms** of the applicable Commercial Liability Coverage Form (GL-100) and the Liability and Medical Coverage Form (BGL-11). Only one liability coverage will apply to an **occurrence** and any **related loss**. This endorsement is attached to and made part of the policy.

THIS INSURANCE ENDORSEMENT FORMS PART OF YOUR POLICY CONTRACT.

PLEASE READ IT CAREFULLY.

# ADDITIONAL INSURED ENDORSEMENT ADDITIONAL CONDITION

# ADDITIONA L CONDITION

The following additional condition is added to the Conditions section of the Liability and Medical Coverage Form (BGL-11):

Additional Insureds: With respect to any person or entity shown on the declarations as an Additional Insured or who is otherwise designated by the Named Insured and recognized by us as an Additional Insured, we will provide Principal Coverage L of the Commercial Liability Coverage Form (GL-100) to such Additional Insured (they will be considered an insured for Principal Coverage L), but only to the extent that such person or entity is legally liable for the acts of you, your leader, your employee, or your appointed person. Such coverage will be limited to that which is specifically provided by Principal Coverage L, and will be strictly subject to the terms of this policy. No coverage will apply to any independent acts, errors, or omissions of an Additional Insured.

#### OTHER PROVISIONS

All other provisions of the applicable Commercial Liability Coverage Form (GL-100) and the Liability and Medical Coverage Form (BGL-11) remain unchanged

# **MEMORANDUM**

com



TO:

Melissa Morris, Deputy City Clerk

FROM:

Charles Boulard, Director of Community Development

SUBJECT: 40800 THIRTEEN MILE - BRIGHTMOOR CHURCH

DATE:

08/30/24

Auctions

] L	iquor license
$\supseteq A$	Arcade license
_ N	Aassage license
	Outdoor gathering
	Outdoor seating
$\boxtimes$ (	Other: Brightmoor Church pyrotechnic display during event.

From building safety standpoint, the Building Division does not object to the proposed firework/pyrotechnic display being used for a private event at Brightmoor Church on September 21, 2024, no exceptions taken. Should you have any further questions with regards to this matter please feel free to contact me at (248) 347-0423.

Thank you!

# **MEMORANDUM**

NOV cityofnovi.org

TO: CORTNEY HANSON, CITY CLERK

FROM: ERICK W. ZINSER

DIRECTOR OF PUBLIC SAFETY / CHIEF OF POLICE

INITIATED BY: MICHAEL BENDER, DETECTIVE MICHAEL BENDER, DETECTIVE

**SUBJECT:** PYROTECHNIC APPLICATION-

**BRIGHTMOOR CHURCH** 

**DATE:** AUGUST 27, 2024

APPLICANT: James Herr 2247 Charms Ravine Wixom, MI 48393

VENUE OF EVENT: Brightmoor Church 40800 W. Thirteen Mile Rd Novi, MI 48377

DATE/TIME OF EVENT: 09-21-24 at 3:00pm

# INFORMATION:

The Novi Police Department received this request from the Novi City Clerk's Office to review a pyrotechnic/private display application which will be displayed at Brightmoor Church, on the main worship center platform.

# INVESTIGATION:

An ICHAT, Sex Offender Registry and CLEMIS check revealed nothing of concern that would disqualify any applicant from approval.



September 4, 2024

TO: Cortney Hanson- City Clerk

FROM: Fire Marshal Kevin S. Pierce

SUBJECT: Indoor Pyrotechnics for Brightmoor Christian Church

40800 Thirteen Mile Rd, Novi MI 48377

EVENT DATES & TIMES: September 21, 2024 @ 9am - 3pm

I have reviewed the application for a Fireworks Permit at the above location. This application is **recommended for approval with conditions** and is contingent upon a satisfactory fire safety inspection prior to the performance. Along with the fire safety inspection, there will be two fire safety officers for each show on fire standby.

- NFPA 6.4 Pre-Show Review and Demonstration. A walk-through and a representative demonstration of the pyrotechnics shall be approved by the authority having jurisdiction before permit is approved.
- 2) **MUST** provide Fire Department exact location where fireworks will be ignited.
- 3) **MUST** provide additional fire extinguishers behind the stage. Extinguishers must follow IFC 2015 for locations.
- 4) Conduct a fire safety inspection prior to the performance.
- 5) NFPA 6.5.1.1: An applicant for licensing as an operator shall provide evidence of actual experience as an operator or assistant as part of demonstrating competency to the authority having jurisdiction.
- 6) NFPA 8.1.1\* **Portable Fire-Fighting Equipment.** Four or more fire extinguishers of the classification and size as approved by the authority having jurisdiction shall be readily accessible while the pyrotechnics are being loaded, preparing for firing or fired.

CITY COUNCIL

**Mayor** Justin Fischer

Mayor Pro Tem
Laura Marie Casev

Dave Staudt

Brian Smith

Ericka Thomas

Matt Heintz

Priya Gurumurthy

City Manager

Victor Cardenas

Director of Public Safety Chief of Police

Erick W. Zinser

Fire Chief

John B. Martin

**Assistant Chief of Police** 

Scott R. Baetens

**Assistant Fire Chief** 

Todd Seog

Novi Public Safety Administration 45125 Ten Mile Road Novi, Michigan 48375 248.348.7100 248.347.0590 fax

cityofnovi.org

- 7) NFPA 8.1.1.1\* In all cases, at least two pressurized water, Class 2-A extinguishers and two Class 10-BC extinguishers shall be provided, in addition to those required by NFPA 10, for the building.
- 8) NFPA 8.4 Separation Distance for Audiences:
  - Pyrotechnic device fired shall be a minimum of 15' or twice the fallout radius of the device, whichever is greater.
  - Glowing or flaming particles shall be 10' of greater.