



April 2, 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: April 18, 2024 @ 7pm

April 19, 2024 @ 7pm

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 each of the performances. Along with the fire safety inspection, there will be two fire safety officers for each show on fire standby.

- 1) 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 2012 for locations.
- 4) Conduct a fire safety inspection prior to each 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.

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- 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.
 - Concussion mortars and concussion effects shall be a minimum of 25' separation.
 - Glowing or flaming particles shall be 10' or greater.