

Pyrotechnic Application

1. Completed Application for State Permit is attached.
2. Proof of liability insurance is attached.
3. Plan for the use of pyrotechnic special effects:
 - a. City of Rochester Hills, Festival of the Hills
 - b. August 11, 2021 at approximately 9:30 p.m.
 - c. The soccer fields and baseball diamonds (front show) at Borden Park, 1400 E. Hamlin Rd., Rochester Hills, MI 48307
 - d. Brian Teeling is the pyrotechnic operator.
 - e. 7 Assistants:
 - i. Donald Allebach – 22
 - ii. Dustin Bond – 35
 - iii. Dan Fisher – 54
 - iv. Tim Bilbrey – 65
 - v. Jeramy Szmansky – 34
 - vi. David Roth- 47
 - vii. John Cross – 24
 - f. Brian Teeling has successfully shot 100+ displays of the same size or larger than the Rochester Hills display. He attends American Fireworks Company yearly safety seminar.
 - g. Brian Teeling has been a pyrotechnic operator for over 30 years and has shot over 500 displays in the United States.
 - h. There is no license required to be a pyrotechnicians in the State of Michigan but he (along with his crew) has cleared a federal background check conducted by the BATFE and is allowed to work under American Fireworks Company's ATF license.
 - i. 34 – 1" Special Effect Barrages, 1.3 G Fireworks UN-0335 PG11, 792- 3" 1.3 G Fireworks, UN-0335 PG11, 768 – 3" 1.3 G Fireworks, UN-0335 PG11; 636 – 4" 1.3 G Fireworks, UN-0335 PG11; 348 – 5" 1.3 G Fireworks, UN-0335 PG11; 264 – 6" 1.3 G Fireworks, 38 – 8" 1.3 G Fireworks, UN-0335 PG11. All items will be shot using electric match. The pyrotechnic operator and his assistants have worked extensively with all of these, shooting more than 50 shows a year using these same types of devices. General responsibilities of the assistants will be setting up and securing racks, loading and plugging in shells, assisting with continuity check and failed electric match checks and resolving any

problems which can be resolved before shooting display, checking for unexploded materials after the display is shot and disassembling equipment, loading it back on the truck and cleaning the shoot site.

- j. Site diagram is attached.
- k. All equipment will be assembled in its designated area on the shoot site, marked with the green pins on the site diagram.
- l. Pyrotechnics will arrive Wednesday morning the day of the display.
- m. SDS sheets are attached.
- n. All of our mortar racks are made of HDPE (high density polyethylene) or fiberglass, both of which are permitted for use of shooting pyrotechnic devices per NFPA 1123 (4.3.7.1), PGI (Official Fireworks Safety Guidelines 6.C.2) and A.P.A. (APA Display Fireworks Training Program 7.1.4.1.).