

## **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, Meadow Brook Hall Event
  - b. October 4, 2019 at approximately 7:30 p.m.
  - c. Meadow Brook Hall, 350 Estate Dr., Rochester, MI 48309
  - d. Shawn Kosecki is the lead pyrotechnic operator.
  - e. 11 Assistants:
    - i. Blaine Anderson – 43
    - ii. Jennifer Campau – 42
    - iii. Aaron Anderson – 59
    - iv. Daryl Cohoon - 49
    - v. Travis Doren - 38
  - f. Shawn Kosecki has successfully shot more than 100 displays of the same size or larger than this display. He attends Wolverine's yearly safety seminar.
  - g. Shawn Kosecki has been a pyrotechnic operator for over 10 years and has shot over 300 displays in the United States.
  - h. There is no license required to be a pyrotechnician 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 Wolverine's ATF license.
  - i. 396 - 3" 1.3 G Fireworks, UN-0335 PGII, 180 – 4" 1.3 G Fireworks, UN-0335 PGII; 18 Shot Cake Items, 1.3 G Fireworks, UN-0335 PGII. All items will be shot using electric match. The pyrotechnic operator and his assistants have worked extensively with all of these items, shooting more than 30 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.).