



**Guil-Rand Fire Department**  
**Pyrotechnic / Explosives Magazine**  
**Plan Review Application**



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**This application is for a plan review for the storage of Pyrotechnics/Explosives and is required for the storage of any quantities regulated by the North Carolina Fire Code (NCFC), applicable NFPA standards, and all applicable State, Federal, and Local Laws and Ordinances.**

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### **1. Applicant Information**

- **Applicant / Company Name:** \_\_\_\_\_
- **Mailing Address:** \_\_\_\_\_
- **City / State / ZIP:** \_\_\_\_\_
- **Primary Contact Name & Title:** \_\_\_\_\_
- **Phone Number:** \_\_\_\_\_ **Email:** \_\_\_\_\_

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### **2. Property / Site Information**

- **Facility / Site Name:** \_\_\_\_\_
- **Physical Address of Magazine:** \_\_\_\_\_
- **City / County / State:** \_\_\_\_\_
- **Parcel ID (if applicable):** \_\_\_\_\_
- **Zoning Classification:** \_\_\_\_\_

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### 3. Magazine Type and Use

- **Intended Use (check all that apply):**
  - Pyrotechnics (Display Fireworks)
  - Explosives (Blasting Agents / High Explosives)
  - Special Effects / Theatrical Pyrotechnics
- **Magazine Type (per ATF / NFPA):**
  - Type 1  Type 2  Type 3  Type 4  Type 5
- **New Installation or Existing Magazine:**  New  Existing
- **Permanent or Temporary Magazine:**  Permanent  Temporary

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### 4. Materials to Be Stored

- **Explosive / Pyrotechnic Material Description:**

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- **UN / DOT Classification:** \_\_\_\_\_
- **Maximum Quantity to Be Stored (lbs or units):** \_\_\_\_\_
- **Compatibility Group:** \_\_\_\_\_

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### 5. Construction Details

- **Magazine Construction Type:** \_\_\_\_\_
- **Exterior Materials:** \_\_\_\_\_
- **Interior Lining (if applicable):** \_\_\_\_\_
- **Door Type & Thickness:** \_\_\_\_\_
- **Locking Method (per ATF requirements):** \_\_\_\_\_
- **Ventilation Method:** \_\_\_\_\_
- **Lightning Protection System Installed:**  Yes  No

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## 6. Separation Distances

- **Distance to Nearest Inhabited Building:** \_\_\_\_\_ feet
- **Distance to Public Highway / Road:** \_\_\_\_\_ feet
- **Distance to Other Magazines:** \_\_\_\_\_ feet
- **Distance to Property Lines:** \_\_\_\_\_ feet

*(Attach scaled site plan showing all distances in accordance with ATF tables, NFPA 495, NFPA 1123, and NC Fire Code.)*

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## 7. Fire Protection & Security

- **Fire Extinguishers Provided:**  Yes  No
  - Type / Rating: \_\_\_\_\_
- **Access Control Measures:** \_\_\_\_\_
- **Fencing / Barriers:**  Yes  No Description: \_\_\_\_\_
- **Signage ("Explosives – Keep Out", etc.):**  Yes  No
- **24-Hour Security Measures (if applicable):** \_\_\_\_\_

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## 8. Operational Information

- **Hours of Access:** \_\_\_\_\_
- **Authorized Personnel Only:**  Yes  No
- **ATF Federal Explosives License or Permit Number:** \_\_\_\_\_
- **Expiration Date:** \_\_\_\_\_
- **State or Local Permits Held:** \_\_\_\_\_

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## 9. Required Plan Review Submittals (Attach All That Apply)

- Completed application
- Scaled site plan with separation distances
- Construction drawings/details of magazine
- ATF license or permit
- Material Safety Data / Safety Data Sheets (SDS)
- Manufacturer specifications
- Emergency response information
- Security and theft prevention plan

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## 10. Code Compliance Acknowledgement

By signing below, the applicant certifies that the proposed pyrotechnic/explosives magazine complies with:

- North Carolina Fire Code (current adopted edition)
- NFPA 495 – Explosive Materials Code
- NFPA 1123 – Code for Fireworks Display
- NFPA 1126 – Use of Pyrotechnics Before a Proximate Audience (if applicable)
- North Carolina General Statutes and Administrative Code
- Federal regulations enforced by the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF)

The applicant understands that approval is subject to plan review, inspection, and ongoing compliance.

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## 11. Applicant Certification

Printed Name: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Disclaimer

**Approval of this application does not relieve the applicant from complying with all applicable local, state, and federal laws. This approval may be revoked if conditions change or violations are found during inspection or operation.**