

**ALABAMA DEPARTMENT OF CORRECTIONS (ALDOC)**  
**Specifications for SABRE RED Oleoresin Capsicum Aerosol Projectors**

**MK-2 SABRE Red Oleoresin Capsicum Aerosol Projectors**

- 1 – Aerosol Projector canister shall be stream delivery.
- 2 – Aerosol Projector canister shall contain 1.6 oz. of SABRE Red.
- 3 – Aerosol Projector canister shall have flip top safety to prevent accidental discharge.
- 4 – Aerosol Projector canister shall contain 10% O.C. and 1.33% Major Capsaicinoids and contain a scoville content of 200,000 (10 % of 2,000,000 SHUs) as quality controlled by a High Performance Liquid Chromatograph (HPLC) test.
- 5 – Aerosol Projector shall contain an ultra violet marking dye for suspect identification.
- 6 – Aerosol Projector shall have a push button firing mechanism.
- 7 – Aerosol Projector canister shall be a height of 4.00”
- 8 – Aerosol Projector canister shall be a diameter of 1.38”.
- 9 – The canister shall contain a high pressure, non-flammable, non-ozone depleting propellant that is chemically inert and toxicologically safe.
- 10 – The contents of each canister shall not contain any toxic or carcinogenic ingredients.
- 11 – All canisters shall have a protective Mylar over lamination label which resists wear and water damage.
- 12 – Each canister shall have an individual serial and batch number.
- 13 – Each serialized canister shall be traceable to its oleoresin capsicum lot number and formulation batch and also the delivery system and expiration date.
- 14 – Each canister label must be printed with a thermal transfer resin ribbon and manufacturer name and address must be permanently affixed to each label.
- 15 – Aerosol Projector minimum shelf life shall be 5 years.
- 16 – Aerosol Projector must be Electronic Immobilization Device compatible (EID).
- 17 – Each canister must state Non Flammable Electronic Immobilization Device Compatible on the Label.
- 18 – All canisters must be able to deploy continuously from any angle, position or orientation to increase target acquisition.

**MK-3 SABRE Red Oleoresin Capsicum Aerosol Projectors**

- 1 – Aerosol Projector canister shall be stream delivery.
- 2 – Aerosol Projector canister shall contain 1.8 oz. of SABRE Red.
- 3 – Aerosol Projector canister shall have flip top safety to prevent accidental discharge.
- 4 – Aerosol Projector canister shall contain 10% O.C. and 1.33% Major Capsaicinoids and contain a scoville content of 200,000 (10 % of 2,000,000 SHUs) as quality controlled by a High Performance Liquid Chromatograph (HPLC) test.
- 5 – Aerosol Projector shall contain an ultra violet marking dye for suspect identification.
- 6 – Aerosol Projector shall have a push button firing mechanism.
- 7 – Aerosol Projector canister shall be a height of 4.35”
- 8 – Aerosol Projector canister shall be a diameter of 1.50”.

- 9 – The canister shall contain a high pressure, non-flammable, non-ozone depleting propellant that is chemically inert and toxicologically safe.
- 10 – The contents of each canister shall not contain any toxic or carcinogenic ingredients.
- 11 – All canisters shall have a protective Mylar over lamination label which resists wear and water damage.
- 12 – Each canister shall have an individual serial and batch number.
- 13 – Each serialized canister shall be traceable to its oleoresin capsicum lot number and formulation batch and also the delivery system and expiration date.
- 14 – Each canister label must be printed with a thermal transfer resin ribbon and manufacturer name and address must be permanently affixed to each label.
- 15 – Aerosol Projector minimum shelf life shall be 5 years.
- 16 – Aerosol Projector must be Electronic Immobilization Device compatible (EID).
- 17 – Each canister must state Non Flammable Electronic Immobilization Device Compatible on the Label.
- 18 – All canisters must be able to deploy continuously from any angle, position or orientation to increase target acquisition.

#### **MK-4 SABRE Red Oleoresin Capsicum Aerosol Projectors**

- 1 – Aerosol Projector canister shall be stream delivery.
- 2 – Aerosol Projector canister shall contain 3.0 oz. of SABRE Red.
- 3 – Aerosol Projector canister shall have flip top safety to prevent accidental discharge.
- 4 – Aerosol Projector canister shall contain 10% O.C. and 1.33% Major Capsaicinoids and contain a scoville content of 200,000 (10 % of 2,000,000 SHUs) as quality controlled by a High Performance Liquid Chromatograph (HPLC) test.
- 5 – Aerosol Projector shall contain an ultra violet marking dye for suspect identification.
- 6 – Aerosol Projector shall have a push button firing mechanism.
- 7 – Aerosol Projector canister shall be a height of 6.25”
- 8 – Aerosol Projector canister shall be a diameter of 1.50”.
- 9 – The canister shall contain a high pressure, non-flammable, non-ozone depleting propellant that is chemically inert and toxicologically safe.
- 10 – The contents of each canister shall not contain any toxic or carcinogenic ingredients.
- 11 – All canisters shall have a protective Mylar over lamination label which resists wear and water damage.
- 12 – Each canister shall have an individual serial and batch number.
- 13 – Each serialized canister shall be traceable to its oleoresin capsicum lot number and formulation batch and also the delivery system and expiration date.
- 14 – Each canister label must be printed with a thermal transfer resin ribbon and manufacturer name and address must be permanently affixed to each label.
- 15 – Aerosol Projector minimum shelf life shall be 5 years.
- 16 – Aerosol Projector must be Electronic Immobilization Device compatible (EID).
- 17 – Each canister must state Non Flammable Electronic Immobilization Device Compatible on the Label.
- 18 – All canisters must be able to deploy continuously from any angle, position or orientation to increase target acquisition.

### **MK-3 Aerosol Grenades**

- 1 – Aerosol Projector canister shall be fog delivery.
- 2 – Aerosol Projector canister shall contain 2.0 oz./56 grams/60 ml of SABRE Red.
- 3 – Aerosol Projector canister shall have a locking actuator for continuous discharge of contents.
- 4 – Aerosol Projector canister shall contain 10% O.C. and 1.33% Major Capsaicinoids and contain a scoville content of 200,000 (10 % of 2,000,000 SHUs) as quality controlled by a High Performance Liquid Chromatograph (HPLC) test.
- 5 – Aerosol Projector shall contain an ultra violet marking dye for suspect identification.
- 6 – Aerosol Projector shall aerosolize and remain airborne for a long period of time.
- 7 – Aerosol Projector canister shall be a height of 3.75”
- 8 – Aerosol Projector canister shall be a diameter of 1.50”.
- 9 – The canister shall contain a high pressure, non-flammable, non-ozone depleting propellant that is chemically inert and toxicologically safe.
- 10 – The contents of each canister shall not contain any toxic or carcinogenic ingredients.
- 11 – All canisters shall have a protective Mylar over lamination label which resists wear and water damage.
- 12 – Each canister shall have an individual serial and batch number.
- 13 – Each serialized canister shall be traceable to its oleoresin capsicum lot number and formulation batch and also the delivery system and expiration date.
- 14 – Each canister label must be printed with a thermal transfer resin ribbon and manufacturer name and address must be permanently affixed to each label.
- 15 – Aerosol Projector minimum shelf life shall be 5 years.
- 16 – Aerosol Projector must be Electronic Immobilization Device compatible (EID).
- 17 – Each canister must state Non Flammable Electronic Immobilization Device Compatible on the Label.
- 18 – All canisters must be able to deploy continuously from any angle, position or orientation to increase target acquisition.
- 19 – All canisters shall empty in approximately 6 seconds and have an approximate coverage area of 10,000 cubic feet in 60 seconds.

### **MK-5 Aerosol Grenades**

- 1 – Aerosol Projector canister shall be fog delivery.
- 2 – Aerosol Projector canister shall contain 5.0 oz./140 grams/150 ml of SABRE Red.
- 3 – Aerosol Projector canister shall have a locking actuator for continuous discharge of contents.
- 4 – Aerosol Projector canister shall contain 10% O.C. and 1.33% Major Capsaicinoids and contain a scoville content of 200,000 (10 % of 2,000,000 SHUs) as quality controlled by a High Performance Liquid Chromatograph (HPLC) test.
- 5 – Aerosol Projector shall contain an ultra violet marking dye for suspect identification.
- 6 – Aerosol Projector shall aerosolize and remain airborne for a long period of time.

- 7 – Aerosol Projector canister shall be a height of 5.25”
- 8 – Aerosol Projector canister shall be a diameter of 2.13”.
- 9 – The canister shall contain a high pressure, non-flammable, non-ozone depleting propellant that is chemically inert and toxicologically safe.
- 10 – The contents of each canister shall not contain any toxic or carcinogenic ingredients.
- 11 – All canisters shall have a protective Mylar over lamination label which resists wear and water damage.
- 12 – Each canister shall have an individual serial and batch number.
- 13 – Each serialized canister shall be traceable to its oleoresin capsicum lot number and formulation batch and also the delivery system and expiration date.
- 14 – Each canister label must be printed with a thermal transfer resin ribbon and manufacturer name and address must be permanently affixed to each label.
- 15 – Aerosol Projector minimum shelf life shall be 5 years.
- 16 – Aerosol Projector must be Electronic Immobilization Device compatible (EID).
- 17 – Each canister must state Non Flammable Electronic Immobilization Device Compatible on the Label.
- 18 – All canisters must be able to deploy continuously from any angle, position or orientation to increase target acquisition.
- 19 – All canisters shall empty in approximately 14 seconds and have an approximate coverage area of 22,000 cubic feet in 60 seconds

#### **MK-9 Cell Buster Heavy Fogger**

- 1 – Aerosol Projector canister shall be fog delivery.
- 2 – Aerosol Projector canister shall contain 18.5 oz.of SABRE Red.
- 3 – Aerosol Projector canister shall have a pistol grip, with yellow trigger that holds a trigger safety pin, with hose and wand attachment that can be maneuvered underneath cell doors, through vents, food slots or other openings, which lead into a cell.
- 4 – Aerosol Projector canister shall contain 10% O.C. and 1.33% Major Capsaicinoids and contain a scoville content of 200,000 (10 % of 2,000,000 SHUs) as quality controlled by a High Performance Liquid Chromatograph (HPLC) test.
- 5 – Aerosol Projector shall contain an ultra violet marking dye for suspect identification.
- 6 – Each canister shall reach the top portion of the cell rear wall when deployed underneath the cell door.
- 7 – Aerosol Projector canister shall be a height of 10.50”
- 8 – Aerosol Projector canister shall be a diameter of 2.50”.
- 9 – The canister shall contain a high pressure, non-flammable, non-ozone depleting propellant that is chemically inert and toxicologically safe.
- 10 – The contents of each canister shall not contain any toxic or carcinogenic ingredients.
- 11 – All canisters shall have a protective Mylar over lamination label which resists wear and water damage.
- 12 – Each canister shall have an individual serial and batch number.
- 13 – Each serialized canister shall be traceable to its oleoresin capsicum lot number and formulation batch and also the delivery system and expiration date.
- 14 – Each canister label must be printed with a thermal transfer resin ribbon and

- manufacturer name and address must be permanently affixed to each label.
- 15 – Aerosol Projector minimum shelf life shall be 4 years.
  - 16 – Aerosol Projector must be Electronic Immobilization Device compatible (EID).
  - 17 – Each canister must state Non Flammable Electronic Immobilization Device Compatible on the Label.
  - 18 – All canisters must be able to deploy continuously from any angle, position or orientation to increase target acquisition.
  - 19 – Each wand will have a compression fitting for reattachment of hose.

#### **MK-46 Crowd Management Unit**

- 1 – Aerosol Projector canister shall be a High Volume stream delivery.
- 2 – Aerosol Projector canister shall contain 46.0 oz. of SABRE Red.
- 3 – Aerosol Projector canister shall have a pistol grip, with trigger that contains a trigger safety pin.
- 4 – Aerosol Projector canister shall contain 10% O.C. and 1.33% Major Capsaicinoids and contain a scoville content of 200,000 (10 % of 2,000,000 SHUs) as quality controlled by a High Performance Liquid Chromatograph (HPLC) test.
- 5 – Aerosol Projector shall contain an ultra violet marking dye for suspect identification.
- 6 – All canisters will have a secure canister holster and shoulder strap.
- 7 – Aerosol Projector canister shall be a height of 20.50”
- 8 – Aerosol Projector canister shall be a diameter of 4.25”.
- 9 – The canister shall contain a high pressure, non-flammable, non-ozone depleting propellant that is chemically inert and toxicologically safe.
- 10 – The contents of each canister shall not contain any toxic or carcinogenic ingredients.
- 11 – All canisters shall have a protective Mylar over lamination label which resists wear and water damage.
- 12 – Each canister shall have an individual serial and batch number.
- 13 – Each serialized canister shall be traceable to its oleoresin capsicum lot number and formulation batch and also the delivery system and expiration date.
- 14 – Each canister label must be printed with a thermal transfer resin ribbon and manufacturer name and address must be permanently affixed to each label.
- 15 – Aerosol Projector minimum shelf life shall be 4 years.
- 16 – Aerosol Projector must be Electronic Immobilization Device compatible (EID).
- 17 – Each canister must state Non Flammable Electronic Immobilization Device Compatible on the Label.
- 18 – All canisters must be able to deploy continuously from any angle, position or orientation to increase target acquisition.
- 19 – All canisters shall be equipped with a high pressure gauge valve.

#### **One (1) Gallon Refill Containers**

- 1 – Aerosol Chemical in refill Gallon jug shall contain 64.0 oz. of SABRE Red.
- 2 – Aerosol Chemical in refill Gallon jug shall contain 10% O.C., 1.33% Major

- Capsaicinoids and contain a scoville content of 200,000 (10 % of 2,000,000 SHUs) as quality controlled by a High Performance Liquid Chromatograph (HPLC) test.
- 3 – Aerosol Chemical in refill Gallon jug shall contain an ultra violet marking dye for suspect identification.
  - 4 – The Chemical in Gallon jug shall contain a high pressure, non ozone depleting propellant.
  - 5 – The contents of each refill Gallon jug shall not contain any toxic or carcinogenic ingredients.
  - 6 – All Refill Gallon jugs shall have a protective Mylar over lamination label which resists wear and water damage.
  - 7 – Each refill Gallon jug shall have an individual serial and batch number.
  - 8 – Each serialized Gallon jug shall be traceable to its oleoresin capsicum lot number and formulation batch and also the delivery system and expiration date.
  - 9 – Each refill Gallon jug label must be printed with a thermal transfer resin ribbon and manufacturer name and address must be permanently affixed to each label
  - 10 – Aerosol chemical refill Gallon jug minimum shelf life shall be 4 years.
  - 11 – Aerosol chemical refill Gallon jug must be Electronic Immobilization Device compatible (EID).
  - 12 – Each refill Gallon jug must state Non Flammable Electronic Immobilization Device Compatible on the Label.