

CHSSF Quick Reference Guide

Consolidated Hazardous Substance Storage Facility (CHSSF)
2250 Rock Ave, Fort Meade, MD 20755

Facility Contacts:

Dan Bryan 301-677-9674

George Knight 301-677-9188

Primary Emergency Coordinator: Fort Meade Fire Department: Chief Evans 301-677-3762

Secondary Emergency Coordinator: Dan Bryan 301-677-9674

Primary Environmental Coordinator: Dan Bryan 301-677-9674

Site Description

Building 2250 houses the DPW Controlled Hazardous Substance Storage Facility (CHSSF), and the DPW Recycling Center. Building 2250 is located on Rock Avenue, approximately 1,000 feet west of the intersection of Rock Avenue and Pepper Road. This area-specific plan will focus on the CHSSF located on the west end of Building 2250.

The DPW CHSSF serves as a RCRA-permitted 90-day or less storage facility for hazardous wastes generated at Ft. Meade. Wastes are usually held for 40-60 days before they are shipped for disposal.

The Controlled Hazardous Substance Storage Facility is equipped with spill kits, overpack drums, and appropriate safety equipment. The locations of these are depicted on the site drawing.

HW Storage Units

The hazardous waste storage sheds are equipped with secondary containment and are fireproof buildings. The three (3) Storage Sheds are electrically powered with each having a circuit breaker box located on the exterior wall. Each unit is supported by heat and air conditioning and are thermostatically controlled. The single most important safety feature is the ANSUL Fire suppression System. Fire Suppression is provided by nozzles, piping, and a system of clips and hangers that release when heated. The ANSUL system uses Compressed Nitrogen Gas from a 127-pound cylinder.

The rear wall of the units is designed as an explosion relief area.

Oil Storage Tanks

The 12,000-gallon (2 x 6,000 gallons) and 1 x 6,000-gallon ASTs are double-walled and equipped with an interstitial leak detection systems, high level alarms, and automatic tank gauging systems (ATGS).

Oil storage levels are monitored by a Veeder-Root TLS 350 Plus system.

Emergency Communications

Emergency Communications is by use of a Land Line phone (301-677-9674)

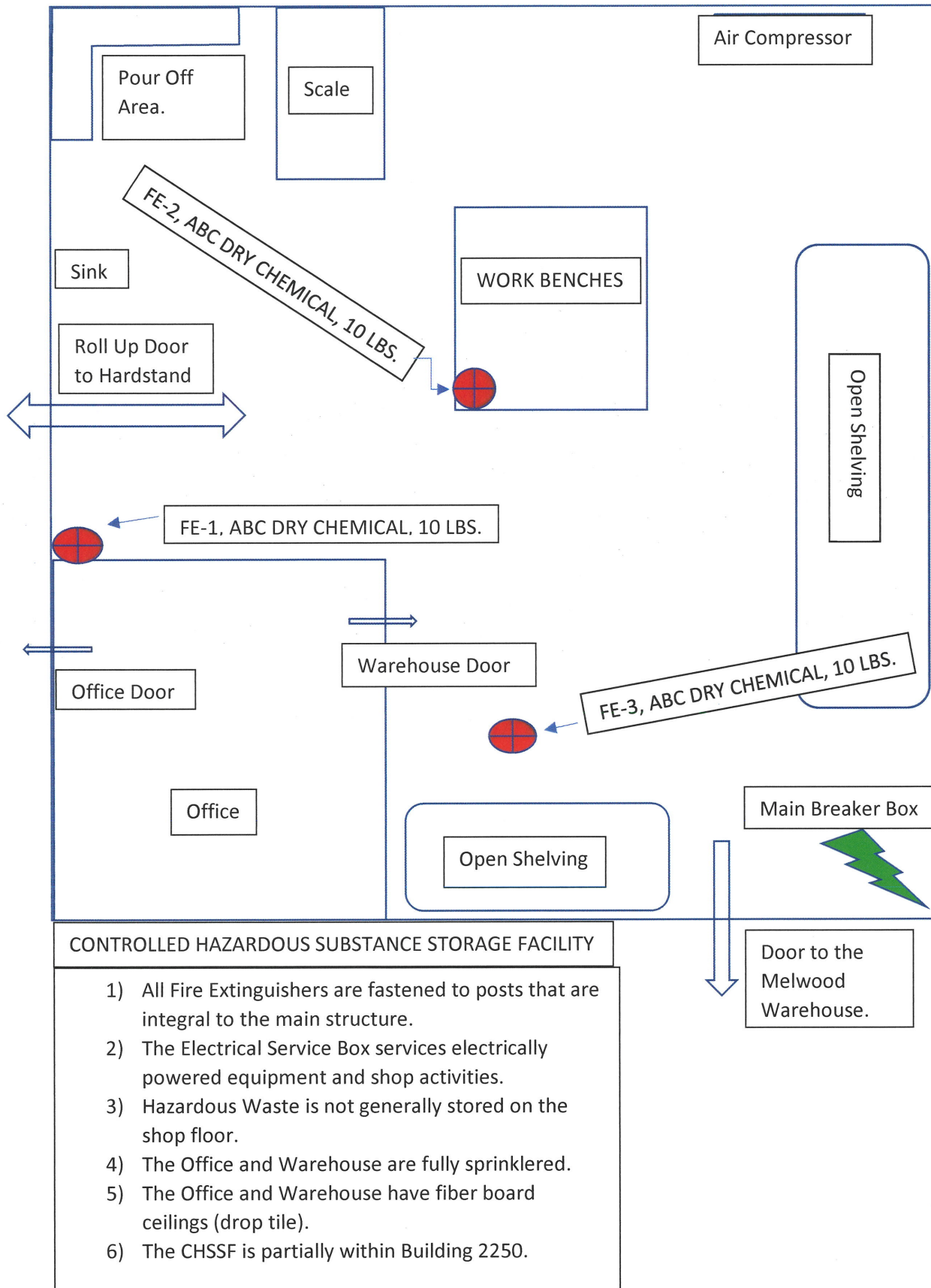
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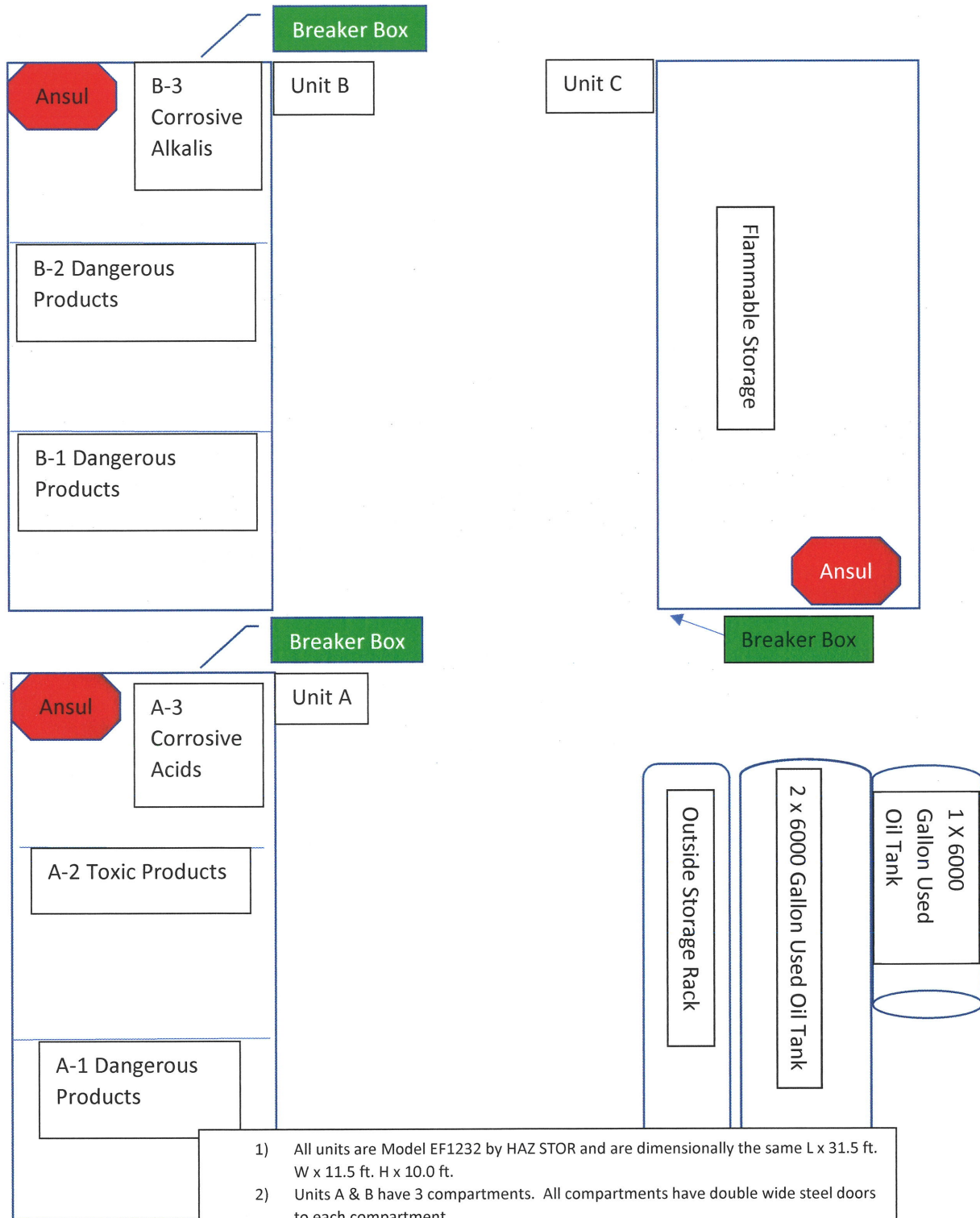
| Hazardous Waste by Name | Hazard | EPA Code | ERG # | Maximum Amount on Site (Pounds) | Response Notes | Safety Notes | Storage Location |
|---|--------------------|----------------------|-------|---------------------------------|---------------------------------|---|----------------------------|
| CORROSIVE SOLID, N.O.S. (SODIUM HYDROXIDE), | Corrosive | D002 | 154 | 22 Pounds | Plastic Drums or Pails | Chemical Protective Clothing is Recommended | A-3 |
| AEROSOLS | Ignitable | D001 | 126 | 50 Pounds | Metal Drums or Plastic Pails | Contents Under Pressure | C |
| CORROSIVE LIQUID BASIC, INORGANIC, N.O.S. (POTASSIUM HYDROXIDE, SODIUM HYDROXIDE) | Corrosive | D002 | 154 | 75 Pounds | Plastic Drums or Pails | Chemical Protective Clothing is Recommended | B-3 |
| FLAMMABLE LIQUIDS, TOXIC, N.O.S. (ETHYL ACETATE, ISO-OCTANE) | Ignitable Toxic | D001 F003 | 129 | 90 Pounds | Plastic Drums | Highly Flammable | C |
| HAZARDOUS WASTE SOLID, N.O.S. (MERCURY) | Toxic | D009 | 151 | 5 Pounds | Plastic Drums or Pails | Class D OSHA recommended | A-2 |
| WASTE FLAMMABLE LIQUIDS, N.O.S. (METHANOL, ETHYL ACETATE) | Ignitable Toxic | D001 F002 F003 | 131 | 1250 Pounds | Plastic Drums | Highly Flammable | C |
| FLAMMABLE SOLIDS, N.O.S. (FUEL FILTERS) | Ignitable Toxic | D001 D018 | 131 | 240 Pounds | Metal Drums | Class D OSHA recommended | Outside Racks |
| WASTE DIESEL FUEL | Ignitable | D001 | 128 | 3000 Pounds | Metal or Plastic Drums or Pails | Flammable | Outside Racks |
| HAZARDOUS WASTE SOLID, N.O.S. (CRUSHED FLOURESCENT TUBES) | Toxic | D009 | 151 | 2050 Pounds | Metal Drums | Class D OSHA recommended | Outside Racks |
| WASTE PROPANE | Ignitable | D001 | 115 | 5 Cylinders | Cylinders | Highly Flammable | Outside Racks or HW Unit C |
| WASTE PAINT | Ignitable Toxic | D001 D018 | 132 | 150 Pounds | Metal or Plastic Pails | Flammable | Outside Racks or C |

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|--|-----------|------|-----|-------------|-------------------------------------|---|--------------------|
| BATTERY, WET | Corrosive | D002 | 157 | 350 Pounds | Plastic Drums or Original Packaging | Chemical Protective Clothing is Recommended | Shop Floor or A-3 |
| WASTE GASOLINE | Ignitable | D001 | 128 | 2450 Pounds | Metal or Plastic Drums or Pails | Highly Flammable | Outside Racks or C |
| WASTE FLAMMABLE LIQUID, N.O.S. (ETHANOL/ GUANIDINIUM CHLORIDE) | Ignitable | D001 | 128 | 20 Pounds | Plastic Drums or Pails | Highly Flammable | C |
| WASTE FLAMMABLE LIQUID, N.O.S. (ISOPROPANOL/METHANOL) | Ignitable | D001 | 128 | 50 Pounds | Plastic Drums or Pails | Highly Flammable | C |
| WASTE SULFURIC ACID | Corrosive | D001 | | 8 Pounds | Plastic Pails | Chemical Protective Clothing is Recommended | A-3 |
| | | | | | | | |

Note: The amounts reflect yearly totals.





- 1) All units are Model EF1232 by HAZ STOR and are dimensionally the same L x 31.5 ft. W x 11.5 ft. H x 10.0 ft.
- 2) Units A & B have 3 compartments. All compartments have double wide steel doors to each compartment.
- 3) All units have internal secondary containment.
- 4) All units are fireproof structures (the rear panel provides explosion relief).
- 5) All units have separate Electrical Junction Boxes on the exterior (see drawing).
- 6) All units have a Fire Suppression system with Ansul Nitrogen 127 LB cylinders.

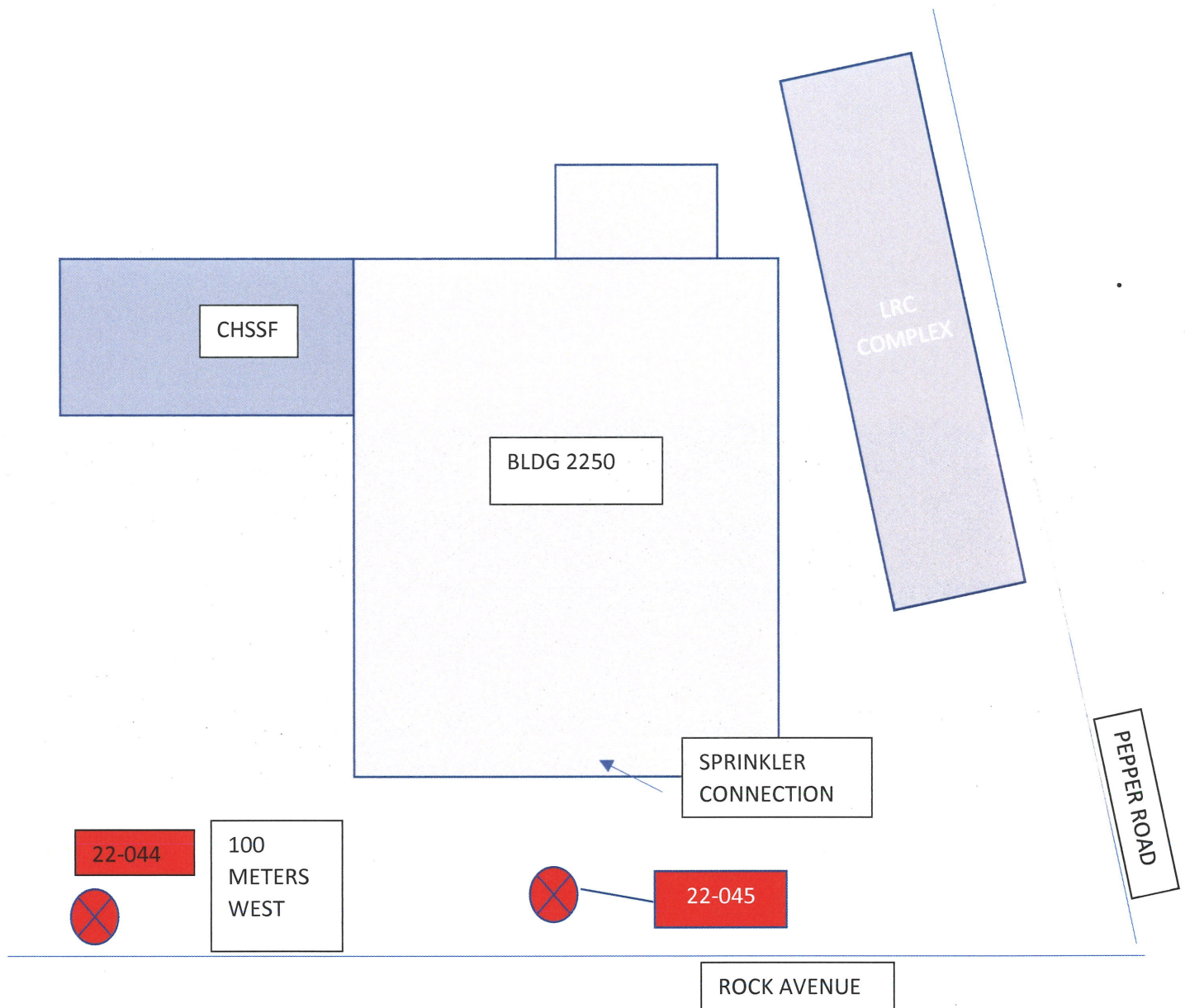
Note: Drawing is not to scale

Hazardous Waste Storage Units A & B



Flammable Hazardous Waste Storage Locker





- 1) Fire Hydrants 22-044 and 22-045 are nearby to the CHSSF.
- 2) Hydrants are rated at 3000 GPM.
- 3) Sprinkler location is on the exterior along the East side of the Rock Avenue roll up door.

