Dry chemical extinguishers are carried on every engine, truck and staff vehicle. On the engines and trucks a 20A 120BC mono ammonium phosphate extinguisher is carried and the staff vehicles carry a 5lb:2A 10BC extinguisher.

**What it Does**

Mono ammonium phosphate is considered a multi-purpose extinguishing agent meaning it works on class A, B and C fires.

**Uses**

The agent works by breaking the chemical chain reaction of the fire. The mono ammonium phosphate sticks to the burning material which smoothes and isolates the fuel from air. The Dry Chemical extinguisher is a good all-around extinguisher. The Escondido Fire Department recommends this extinguisher in the 5lb. 2A 10 BC size for most businesses and homes. The agent comes out in a fine powder and therefore is affected by wind and thermal updraft. Apply from an upwind position as close as safe at the base of the fire.

**Specifications**

- Weighs 35lbs 15oz
- 20lbs of self-expellant agent – mono ammonium phosphate
- Stream range of 5-20 feet over 10-25 seconds
- Charged at 195 PSI with nitrogen
- Range 5-20ft.
- Duration 10-25 seconds
- Steel cylinder
- Siphon tube 80% down
- Carrying handle with hand squeeze discharge
- Ring pin and valve
- Color coated pressure gauge
- Discharge hose and nozzle
- Does not conduct electricity
- Expellant is corrosive and can damage sensitive electronics
- Non-toxic but can irritate the skin and lungs
Care and Maintenance

— Inspect Daily, Monthly, Annual Tags
— Hydro every 5 years on engine and 12yrs mounted
— Send in for refill after every use.
— Ensure extinguisher is securely in its mount on the apparatus
— Apply from the windward side when possible

Safety

— Full PPE with SCBA when using
— Clean debris from extinguisher to minimize corrosion