

FIRE EXTINGUISHERS—Supporting Document

- ❑ Types of fire extinguishers:
 - ❑ **Class A** extinguishers are for ordinary combustible materials such as paper, wood, cardboard, and most plastics. The numerical rating on these types of extinguishers indicates the amount of water it holds and the amount of fire it can extinguish. Geometric symbol (green triangle)
 - ❑ **Class B** fires involve flammable or combustible liquids such as gasoline, kerosene, grease and oil. The numerical rating for class B extinguishers indicates the approximate number of square feet of fire it can extinguish. Geometric symbol (red square)
 - ❑ **Class C** fires involve electrical equipment, such as appliances, wiring, circuit breakers and outlets. Never use water to extinguish class C fires - the risk of electrical shock is far too great! Class C extinguishers do not have a numerical rating. The C classification means the extinguishing agent is non-conductive. Geometric symbol (blue circle)
 - ❑ **Class D** fire extinguishers are commonly found in a chemical laboratory. They are for fires that involve combustible metals, such as magnesium, titanium, potassium and sodium. These types of extinguishers also have no numerical rating, nor are they given a multi-purpose rating - they are designed for class D fires only. Geometric symbol (Yellow Decagon)
 - ❑ **Class K** fire extinguishers are for fires that involve cooking oils, trans-fats, or fats in cooking appliances and are typically found in restaurant and cafeteria kitchens. Geometric symbol (black hexagon)

- ❑ **RACE** for fighting fire:
 - ❑ **Rescue**—assist persons in danger to exit building
 - ❑ **Alarm**—sound alarm and/or call 911
 - ❑ **Confine**—by closing doors
 - ❑ **Extinguish**—attempt to extinguish fire (i.e. PASS)

- ❑ **PASS** technique
 - ❑ **Pull** the pin which breaks the seal
 - ❑ **Aim** low, point nozzle at base of fire. If using a CO₂ extinguisher, do not touch plastic tip as it is cold and can damage skin
 - ❑ **Squeeze** the handle to release extinguishing agent
 - ❑ **Sweep** from side to side at the base of the fire until appears to be out, watch area, if reignites, repeat steps 2-4.