

### APPENDIX 3: FIRE TYPE INFORMATION

Fires occur as a result of the coming together of three essential elements. They are:

- Heat
- Oxygen
- Combustible materials

Depriving the fire of any of these essential elements will extinguish it. Fires are separated into four basic classes in accordance with the combustible elements involved. These classes of fires should be common knowledge but are outlined below.

<b>CLAS S</b>	<b>COMMON COMBUSTIBLE MATERIAL</b>	<b>TYPE EXTINGUISHER</b>	<b>EFFECTS OF EXTINGUISHER</b>
A	Wood, Paper, Cloth, etc.	Water Dry Chemical	Eliminates heat Deprives fire of oxygen
B	Petroleum Products Flammable Liquids	Dry Chemical Smothering Material	Deprives fire of oxygen Deprives fire of oxygen
C	Electrical Fires <sup>1</sup>	CO <sup>2</sup> (Carbon Dioxide)	Eliminates heat/reduces Oxygen
D	Combustible Metals <sup>2</sup>	Dry Chemicals	Deprives fire of oxygen

<sup>1</sup> Note: the use of water increases shock hazard

<sup>2</sup> Note: The use of water may cause hazardous fumes



## APPENDIX 5: FIRE EXTINGUISHER USE

### Fire Extinguisher Use

#### • P.A.S.S.

- Pull the pin.
- Aim low, pointing the nozzle at the base of the fire.
- Squeeze the handle.
- Sweep from side to side at the base of the fire.

