

Appendix C

Guide to Classes of Fires and Methods of Extinguishing

X. GUIDE TO CLASSES OF FIRES AND METHODS OF EXTINGUISHMENT

Class A Fire

Material: Wood, paper, textiles and other ordinary combustible materials.

To extinguish: Pressurized water
Multi-purpose dry chemical
Halon

Class B Fire

Material: Flammable liquids: oils, solvents, grease, paint, etc.

To extinguish: BC dry chemical, regular
Carbon dioxide (if fire is contained in a small area).
Multi-purpose dry chemical
Halon

Class C Fire

Electrical Fires

To extinguish: Carbon dioxide
Halon
BC dry chemical, regular. This is effective, but will destroy electronic gear.
Multi-purpose dry chemical. This is effective, but will destroy electronic gear.

Class D Fire

Material: Metals: Magnesium, Aluminum, Sodium, Potassium, Zirconium, Titanium etc.

To extinguish: Special metal extinguishers
The ordinary extinguishers found in the building should not be used on metal fires because a violent reaction may result.