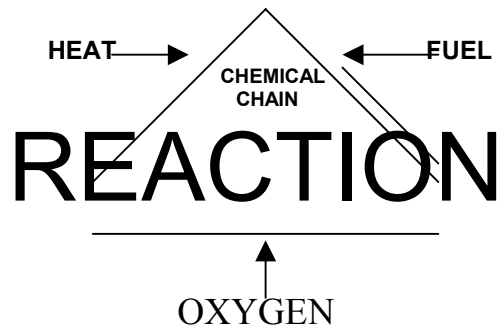


FIRE TETRAHEDRON



HEAT : Open flames, sparks, or high temperature - such as furnaces, ovens, incinerators, stoves, lamps, gas jets, matches, burning cigarettes, cigars, and pipes, welding and cutting torches, heated pipes, surface dryers etc.

| | | |
|----------|-------------|------------------|
| EXAMPLES | Match flame | 2,000 degrees F |
| | Cigarette | 1,350 degrees F |
| | Welding arc | 10,000 degrees F |

FRICITION Bearing, rubbing belts, grinding, polishing, drilling etc.

ELECTRICITY Arcs, lighting, static electricity, open switches and fuses, defective wiring, overloaded wires, heating appliances, motors, and other electrical equipment.

CHEMICAL REACTIONS Acids, re-agents, oxidizing agents, spontaneous ignition, etc.

INCENDIARY DEVICES Bombs

EXPLOSIONS

FUEL : Wood, paper, trash, cloth, rubber, plastic, flammable/combustible liquids, combustible metals etc.

OXYGEN : To support combustion the oxygen level must be 21% , Atmospheres less than 21%, fire will not burn (may smolder), atmospheres above 21% will burn very rapidly.

Chemical Chain Reaction

The chemical reaction of heat, fuel, and oxygen that allows fire to burn.