

The British Standard EN2 (Classification of Fires) divides different fires into broad classifications for the ease of extinguishing.



Class A - Paper, wood and other fast burning debris that leaves behind ash.



Class B - Liquids including oil, grease, gasoline, lighter fluids and alcohol.



Class C - Gases including natural mains, from liquid petroleum and medical.



Class D - Metals and powdered metals such as titanium and magnesium.

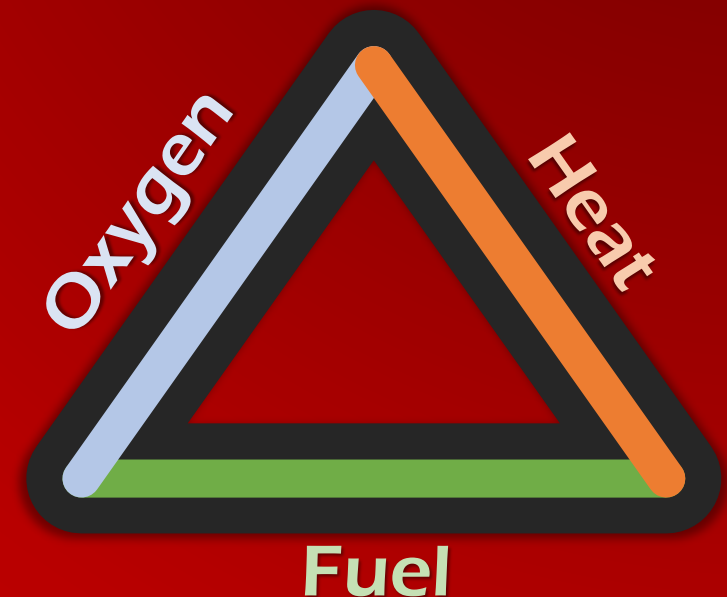


Class E - Any fire hazard caused by electricity as the source of ignition.



Class F - Cooking oils and fat that are at extremely high temperatures.

The fire triangle illustrates the three elements required for a fire to take place and sustain itself as fire is a chemical reaction -



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Access Control – CCTV – Intruder Alarms – Fire Alarms



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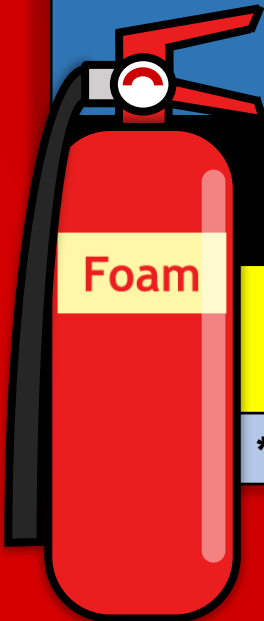
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There are 5 main types of extinguisher to combat the various fire classes effectively and can be determined by the label colour.



| Type of Extinguisher / Class of Fire | Class A | Class B | Class C | Class D | Class E | Class F |
|--------------------------------------|---------|---------|---------|---------|---------|---------|
| Water | ✓ | ✗ | ✗ | ✗ | ✗ | ✗ |
| Foam | ✓ | ✓ | ✗ | ✗ | ✗ | ✗ |
| Dry Powder | ✓ | ✓ | ✓ | ✓ | ✓ | ✗ |
| Co2 | ✗ | ✓ | ✗ | ✗ | ✓ | ✗ |
| Wet Chemical | ✓ | ✗ | ✗ | ✗ | ✗ | ✓ |



*Note - There is no one single extinguisher type that can work against every class of fire.

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