


























# Fire Extinguishers and Fire Classifications

Fires	Type	Use	Operation	
<b>Class A Fires</b> Ordinary Combustibles (Materials such as wood, paper, textiles.) <i>Requires... cooling-quenching</i>	<b>Soda-acid</b> Bicarbonate of soda solution and sulfuric acid	Okay for use on 	Direct stream at base of flame.	
		Not for use on   		
<b>Class B Fires</b> Flammable Liquids (Liquids such as grease, gasoline, oils, and paints.) <i>Requires...blanketing or smothering</i>	<b>Pressurized Water</b> Water under pressure	Okay for use on 	Direct stream at base of flame.	
		Not for use on   		
<b>Class C Fires</b> Electrical Equipment (Motors, switches, and so forth.) <i>Requires...blanketing or smothering</i>	<b>Carbon Dioxide (CO<sub>2</sub>)</b> Carbon dioxide (CO <sub>2</sub> ) gas under pressure	Okay for use on  	Direct discharge as close to fire as possible, first at edge of flames and gradually forward and upward.	
		Not for use on  		
<b>Class D Fires</b> Combustible Metals (Flammable metals such as magnesium and lithium.) <i>Requires...blanketing or smothering.</i>	<b>Foam</b> Solution of aluminum sulfate and bicarbonate of soda	Okay for use on  	Direct stream into the burning material or liquid. Allow foam to fall lightly on fire.	
		Not for use on  		
<b>Class D Fires</b> Combustible Metals (Flammable metals such as magnesium and lithium.) <i>Requires...blanketing or smothering.</i>	<b>Dry Chemical</b>	Multi-purpose type	Ordinary BC type	Direct stream at base of flames. Use rapid left- to-right motion toward flames.
		Okay for   	Okay for  	
	<b>Dry Chemical</b> <i>Granular type material</i>	Not okay for 	Not okay for  	Smother flames by scooping granular material from bucket onto burning metal.
		Okay for use on 	Not for use on 