

## Colors as Safety Signals

The American National Standards Institutes schedule of safety colors for marking physical hazards.

This chart shows recommended use of colors with additional information about piping, ductwork, etc.

<b>PLANT EQUIPMENT</b>
<b>RED = FIRE PROTECTION</b>
<ul style="list-style-type: none"><li>• ALARM BOXES</li><li>• BLANKET BOXES<ul style="list-style-type: none"><li>• BUCKETS</li></ul></li><li>• EXTINGUISHERS</li><li>• HOSE LOCATIONS PUMPS<ul style="list-style-type: none"><li>• HYDRANTS</li><li>• SIRENS</li><li>• EXIT SIGNS</li></ul></li><li>• SAFETY CANS AND CONTAINERS FOR FLAMMABLE LIQUIDS</li></ul>
<b>YELLOW = CAUTION</b>
<ul style="list-style-type: none"><li>• FRONT ENDS OF LOCOMOTIVES<ul style="list-style-type: none"><li>• HAND RAILS</li><li>• BULLDOZERS</li><li>• TRACTORS</li></ul></li><li>• EXPOSED EDGES OF PLATFORMS AND CURBING<ul style="list-style-type: none"><li>• GUARDRAILS</li><li>• PILLARS &amp; POSTS<ul style="list-style-type: none"><li>• COLUMNS</li><li>• FORK LIFTS</li></ul></li></ul></li><li>• DOORWAY PROJECTIONS<ul style="list-style-type: none"><li>• LOW BEAMS</li></ul></li><li>• PULLEY BLOCKS AND CRANES<ul style="list-style-type: none"><li>• CONVEYORS</li><li>• CAUTION SIGNS</li></ul></li></ul>
<b>PURPLE = RADIATION HAZARDS</b>
<b>ORANGE = DANGEROUS MACHINERY PARTS (WHICH MAY CUT, CRUSH OR SHOCK)</b>
<ul style="list-style-type: none"><li>• EXPOSED PARTS OF PULLEYS<ul style="list-style-type: none"><li>• GEARS</li><li>• ROLLERS</li></ul></li><li>• CUTTING DEVICES<ul style="list-style-type: none"><li>• POWER JAWS</li></ul></li><li>• SAFETY STARTING BUTTONS</li><li>• INSIDE OF MOVABLE GUARDS</li><li>• ELECTRICAL SWITCH BOXES<ul style="list-style-type: none"><li>• FUSE BOXES</li></ul></li></ul>

**BLUE = WARNING AGAINST STARTING, OR MOVING EQUIPMENT UNDER REPAIRS**

- LADDERS
- SCAFFOLDING
- ELECTRICAL CONTROLS
- ELEVATOR STARTING CONTROLS
  - BOILERS
  - DRYERS
- MACHINERY, ETC.

**GREEN = SAFETY  
DESIGNATES LOCATION OF:**

- FIRST AID DISPENSERS
- FIRST AID KITS
- GAS MASKS
- STRETCHER
- SAFETY SHOWERS
- OTHER SAFETY EQUIPMENT
- SAFETY INSTRUCTION SIGNS

**IDENTIFICATION OF PIPES**

**RED = FIRE PROTECTION AND SPRINKLER PIPING**

- POST INDICATOR VALVES FOR SPRINKLER SYSTEMS

**YELLOW OR ORANGE - DANGEROUS MATERIALS**

- FLAMMABLE LIQUIDS GASOLINE, NAPHTHA, FUEL OIL, ETC.
- POISONOUS GASES CHLORINE GAS, AMMONIA, SULPHUR DIOXIDE, ETC.
  - CORROSIVE LIQUIDS ACIDS, ALKALIS
- STEAM, WATER, OR AIR AT HIGH TEMPERATURES AND PRESSURES.

**GREEN = MATERIALS LOW IN TEMPERATURES AND PRESSURES: NON-POISONOUS NON-FLAMMABLE**

- WATER
- SYRUPS
- GLYCOLS

**BLUE = PROTECTIVE MATERIALS FOR PREVENTING OR REDUCING HAZARDS OF DANGEROUS MATERIALS**

- INCLUDES SPECIAL GASES TO COUNTERACT OR NEUTRALIZE POISONOUS FUMES, WHICH ARE PIPED FOR RELEASING IN EVENT OF DANGEROUS PROTECTIVE MATERIAL OTHER THAN FIRE PROTECTION