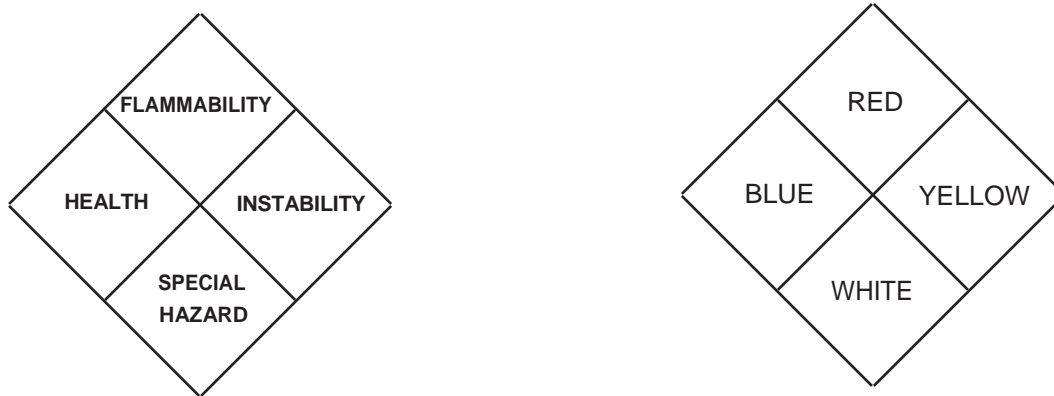


## SPECIFICATION FOR CRTK NFPA 704 PLACARD

The National Fire Protection Association (NFPA) 704 system of placarding shall be used at facilities handling hazardous chemicals, hazardous materials, or hazardous wastes in reportable amounts per the municipal 'Community Right-to-Know' Ordinance, Title 16.

This system identifies the hazards of a material in terms of three categories: "HEALTH", "FLAMMABILITY" and "INSTABILITY." The system indicates the order of severity by a numerical rating that ranges from "zero" (0) - indicating minimum hazard, to "four" (4) - indicating severe hazard.

The information is presented by a spatial system of diagrams with "HEALTH" always being on the left; "FLAMMABILITY" always at the top; and "INSTABILITY" always on the right. In addition to this designated configuration, these categories are color-coded. The color codes are: "HEALTH" blue; "FLAMMABILITY" red; "INSTABILITY" yellow. Example of spatial arrangement and color background are shown.



The fourth space in the above diagram shall be used to indicate "Special Hazard". "Special Hazard" is used to indicate unusual properties for that material which may cause special problems or require special firefighting techniques. The symbols to be used in this category are:

Materials that demonstrate unusual reactivity with water shall be identified by the letter **W** with a horizontal line through the center. **( W- )**

Materials that possess oxidizing properties shall be identified by the letters **OXY**.

Materials possessing radioactivity hazards shall be the standard radioactivity symbol.

Hazardous Waste shall be identified by the letters **H** and **W**. The **W** shall be located directly under the **H** as follows:

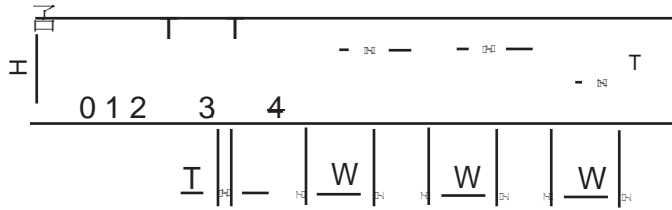


The color background for "Special Hazard" shall be the color white.

## SPECIFICATIONS FOR SIZE AND DESIGN OF PLACARD

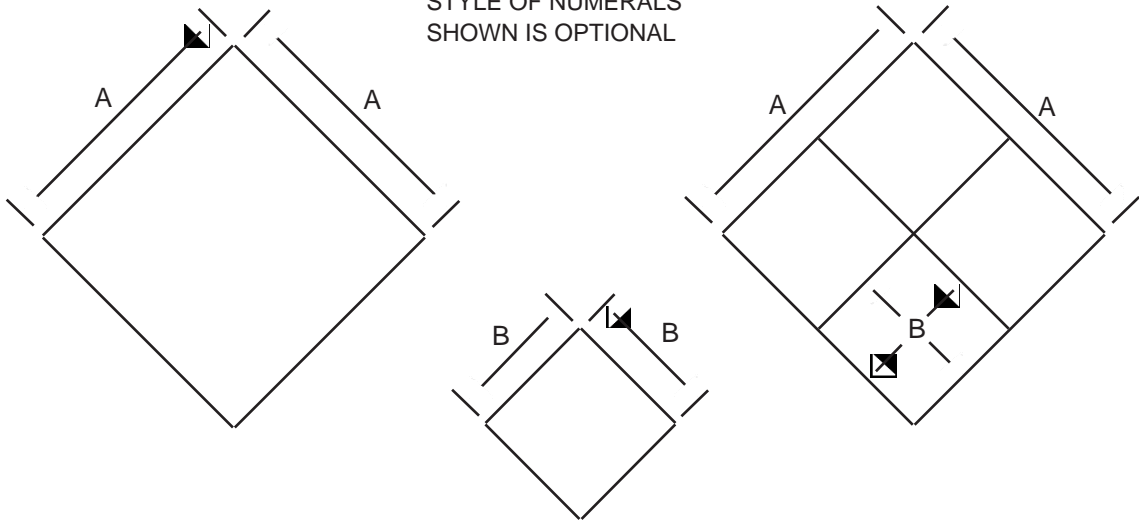
The following illustrations shall be used for the implementation of this standard

SIZE OF SIGNALS				
H	W	T	A	B
3	2.1	15/32	7 1/2	3 3/4



**NOTE:**

STYLE OF NUMERALS  
SHOWN IS OPTIONAL



The NFPA 704 placard material Specifications are:

- a) 7-1/2" X 7-1/2" square diamond on end, made out of .080 gauge Aluminum sheeting.
- b) 1/8" border and section spacing, on a black or white background.
- c) Background: baked on 2290 3M reflective sheeting or equivalent material.
- d) Screen Print 4 Colors:
  - Blue Transparent #710 3M Ink or equivalent material
  - Red Transparent #712 3M Ink or equivalent material
  - Yellow Transparent #722 3M Ink or equivalent material
  - Black Transparent #705 3M Ink or equivalent material

All screen printing to be done on 5290 3M Pressure Sensitive material or equivalent.

Numbers:

- a) White numbers are to be made out of pressure sensitive reflective Engineer Grade Vinyl. White numbers are used in the Blue-health and Red-flammability categories.
- b) Black numbers and special hazard symbols are to be made out of pressure sensitive Opaque Vinyl.
  - Black numbers are used in the Yellow-reactivity and White-special hazard categories.

**NOTE:**

INTERIOR SIGNS same as above (optional .080 gauge Aluminum).