CHAPTER 9
HAZ MAT IDENTIFICATION

CONTENTS:

- Fire Diamonds
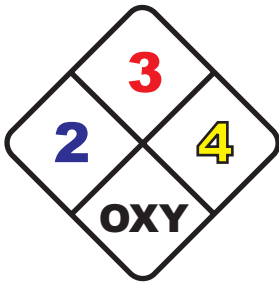- HAZ MAT ID Signage

PURPOSE:

Emergency responders must be aware of any Hazardous Materials involved in any emergency. This signage will help protect emergency responders which in turn will protect the public.

12" x 12"
Hazardous Materials Identification
(Fire Diamond)

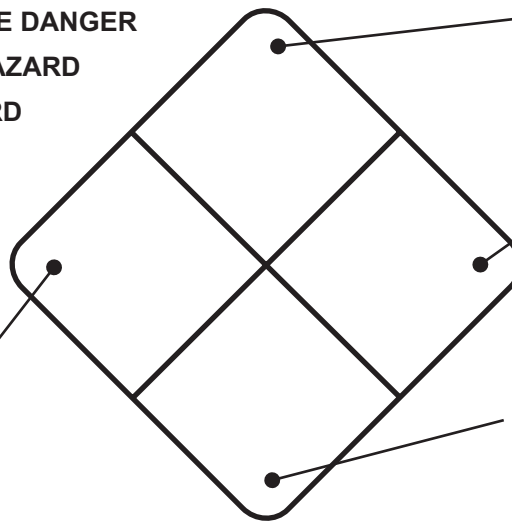Occupancy Name: _____

Occupancy Address: _____

EXAMPLE

NUMBER SYSTEM
4 - SEVERE DANGER
3 - HIGH DANGER
2 - MODERATE DANGER
1 - SLIGHT HAZARD
0 - NO HAZARD

TOP

Number in this space shall be RED

Number in this space shall be YELLOW with a black outline

Number in this space shall be BLUE

Letters in this space shall be BLACK (White Special Hazard Box)

SPECIFICATIONS:

The sign plate shall be a 12" square with a thickness of .080 aluminum construction. Radius Corners

The sign face shall have a white reflective vinyl background.

Font style used - Numbers: Helvetica Bold Extended, Letters: Helvetica Blk BT.

Numbers shall be a minimum of 3½" high with 11/16" stroke width.
Lettering for White Special Hazard Box:

One Line	1 3/4" high w/ 9/16" stroke width.
Two Lines	1 3/8" high w/ 7/16" stroke width.
Three Lines	1¼" high w/ 3/8" stroke width.

Numbers and Letters arranged by color as shown above.

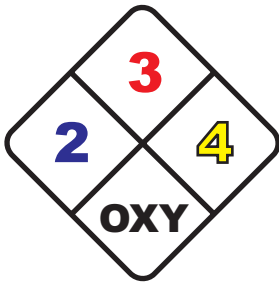Sign shall be posted at location as approved by the City of Phoenix Fire Department.

Click on thumbtack for Auto CAD File

Phoenix Fire Department

18" x 18"
Hazardous Materials Identification
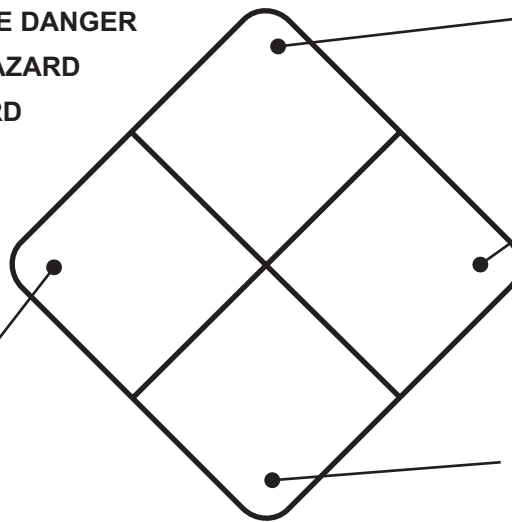# (Fire Diamond)

Occupancy Name: _____

Occupancy Address: _____

NUMBER SYSTEM

4 - SEVERE DANGER

3 - HIGH DANGER

2 - MODERATE DANGER

1 - SLIGHT HAZARD

0 - NO HAZARD

EXAMPLE

TOP

Number in this space shall be RED

Number in this space shall be YELLOW with a black outline

Number in this space shall be BLUE

Letters in this space shall be BLACK (White Special Hazard Box)

SPECIFICATIONS:

The sign plate shall be a 18" square with a thickness of .080 aluminum construction with Radius Corners. The sign face shall have a white reflective vinyl background using 3M scotchlite sign face number R7-32 or equivalent.

For **Tank application** the sign shall be Engineer Grade Reflective with an Adhesive backed sheeting.

Font style - Numbers: Helvetica Bold Extended, Letters: Helvetica Blk BT.

Numbers shall be a minimum of 5¼" high with 1 1/8" stroke width.
Lettering for White Special Hazard Box:

One Line	2 3/4" high w/ 7/8" stroke width.	
Two Lines	2 1/16" high w/ 5/8" stroke width.	
Three Lines	1 7/8" high w/ 9/16" stroke width.	

Numbers and Letters arranged by color as shown above.

Sign shall be posted at location as approved by the City of Phoenix Fire Department.
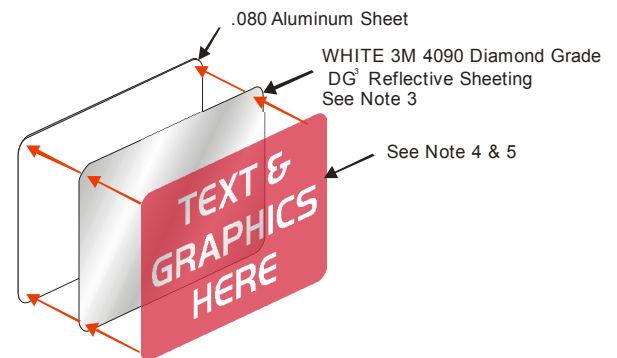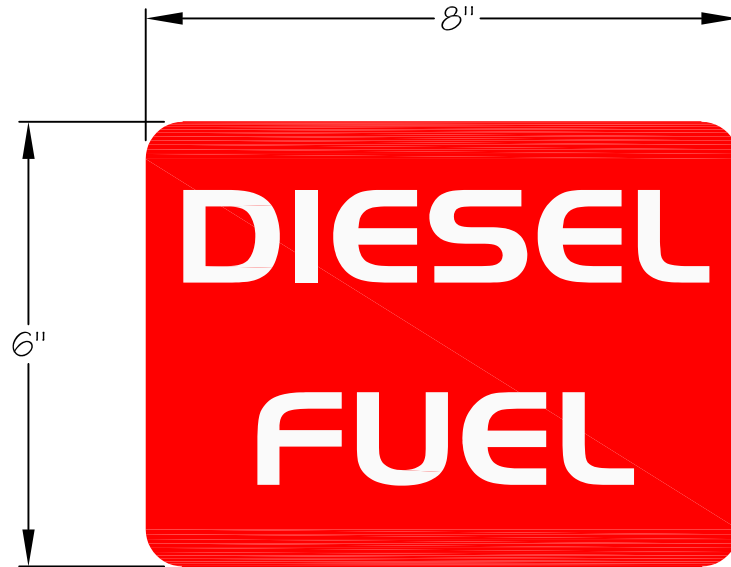
Click on thumbtack for Auto CAD File 📌

Phoenix Fire Department

HAZARDOUS MATERIALS SIGN 18 X 18

L. HERTZ   DETAIL 9.2   AUG. 2003

APPROVED PHOENIX FIRE DEPARTMENT
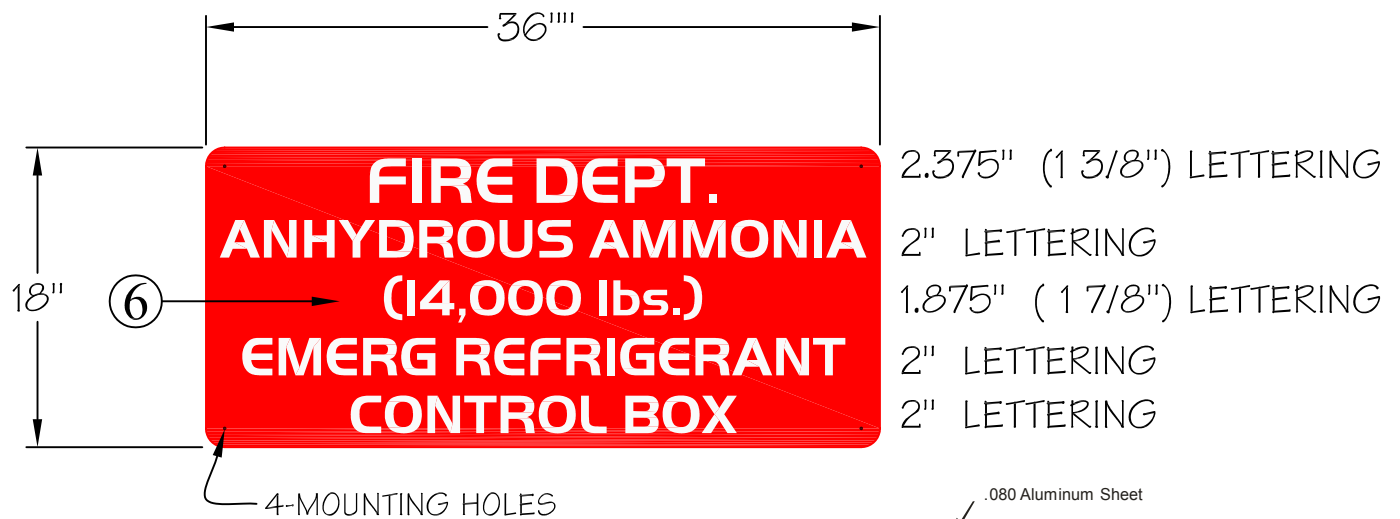## DIESEL FUEL SIGN

8"

6"

DIESEL
FUEL

.080 Aluminum Sheet

WHITE 3M 4090 Diamond Grade
DG³ Reflective Sheeting
See Note 3

See Note 4 & 5

TEXT & GRAPHICS HERE

NOTES:
1. THE SIGN FACE SHALL BE 8" X 6" AND FABRICATED FROM .080 ALUMINUM SHEET
   WITH ½" RADIUS CORNERS.

2. FONT STYLE USED IS HANDEL GOTHIC BT CAPITAL FONTS

3. THE SIGN FACE SHALL HAVE A WHITE 3M DIAMOND GRADE REFLECTIVE SHEETING
   (DG³ 4090 SERIES OR EQUIVALENT) APPLIED AS A BACKGROUND TO THE ALUMINUM PLATES.

4. LETTERING / GRAPHICS SHALL BE DONE ONE OF THE FOLLOWING WAYS:
   A. 3M SCOTCHLITE ACRYLIC, TRANSPARENT, ELECTRONIC CUTTABLE FILM
      (RED 1172 SERIES) INVERSE CUT TO ALLOW WHITE REFLECTIVE BACKGROUND TO SHOW
      THROUGH.
   B. SCREEN PRINTED USING 3M 880I OR 880-00 SERIES TRAFFIC SIGN RED TRANSLUCENT
      INK.
   BOTH PROCESSES (A OR B) WILL ACCOMPLISH A RED FIELD WITH WHITE COPY.

5. ALL SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFLECTIVE SHEETING MANUFACTURES
   MATCH COMPONENT SYSTEM.

6. REQUIRES PRE-APPROVAL BY FIRE PREVENTION HAZMAT SECTION.

FILE NAME: HazMat_SIGN.dwg
CALL FIRE PREVENTION-ACCESS OFFICER
FOR QUESTIONS OR ASSISTANCE
602-256-3382 OR 602-262-6771

Click on thumbtack for Auto CAD File 📌

PHOENIX
FIRE DEPARTMENT
DIESEL FUEL SIGN
L. HERTZ   DETAIL 9.3   MAY 2006

36""

18"

⑥

FIRE DEPT.
ANHYDROUS AMMONIA
(14,000 lbs.)
EMERG REFRIGERANT
CONTROL BOX

2.375" (1 3/8") LETTERING

2" LETTERING

1.875" (1 7/8") LETTERING

2" LETTERING

2" LETTERING

4-MOUNTING HOLES

.080 Aluminum Sheet

WHITE 3M 4090 Diamond Grade
DG³ Reflective Sheeting
See Note 3

See Note 4 & 5

TEXT & GRAPHICS HERE

NOTES:
1. THE SIGN FACE SHALL BE 36" X 18" AND FABRICATED FROM .080 ALUMINUM SHEET WITH 1½" RADIUS CORNERS.

2. FONT STYLE USED IS HANDEL GOTHIC BT CAPITAL FONTS

3. THE SIGN FACE SHALL HAVE A WHITE 3M DIAMOND GRADE REFLECTIVE SHEETING (DG³ 4090 SERIES OR EQUIVALENT) APPLIED AS A BACKGROUND TO THE ALUMINUM PLATES.

4. LETTERING / GRAPHICS SHALL BE DONE ONE OF THE FOLLOWING WAYS:
    A. 3M SCOTCHLITE ACRYLIC, TRANSPARENT, ELECTRONIC CUTTABLE FILM (RED 1172 SERIES) INVERSE CUT TO ALLOW WHITE REFLECTIVE BACKGROUND TO SHOW THROUGH.
    B. SCREEN PRINTED USING 3M 880I OR 880-00 SERIES TRAFFIC SIGN RED TRANSLUCENT INK.
    BOTH PROCESSES (A OR B) WILL ACCOMPLISH A RED FIELD WITH WHITE COPY.
5. ALL SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFLECTIVE SHEETING MANUFACTURES MATCH COMPONENT SYSTEM.

6. NUMBERS OF LBS. CHANGES ACCORDING TO SYSTEM.

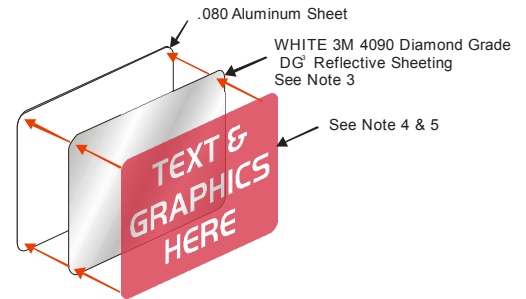7. REQUIRES PRE-APPROVAL BY FIRE PREVENTION HAZMAT SECTION.

Requires Permit

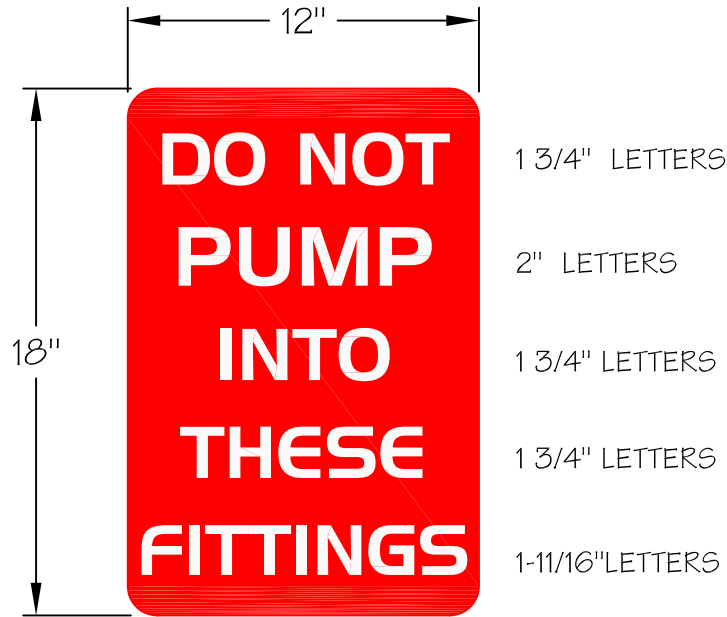FILE NAME: AmmoniaNH3.dwg
CALL FIRE PREVENTION-ACCESS OFFICER
FOR QUESTIONS OR ASSISTANCE
602-256-3382 OR 602-262-6771

PHOENIX
FIRE DEPARTMENT

FIRE DEPARTMENT
SPECIAL APPLICATION
HAZ MAT SIGN

L. HERTZ   DETAIL 9.4   MAY 2006

SPECIAL FIRE DEPARTMENT
FIRE PUMP TEST HEADER SIGN

12"

18"

DO NOT PUMP INTO THESE FITTINGS

1 3/4" LETTERS

2" LETTERS

1 3/4" LETTERS

1 3/4" LETTERS

1-11/16" LETTERS

.080 Aluminum Sheet

WHITE 3M 4090 Diamond Grade
DG³ Reflective Sheeting
See Note 3

See Note 4 & 5

TEXT & GRAPHICS HERE

NOTES:
1. THE SIGN FACE SHALL BE 12" X 18" AND FABRICATED FROM .080 ALUMINUM SHEET WITH 1½" RADIUS CORNERS.

2. FONT STYLE USED IS HANDEL GOTHIC BT CAPITAL FONTS.

3. THE SIGN FACE SHALL HAVE A WHITE 3M DIAMOND GRADE REFLECTIVE SHEETING (DG³ 4090 SERIES OR EQUIVALENT) APPLIED AS A BACKGROUND TO THE ALUMINUM PLATES.

4. LETTERING / GRAPHICS SHALL BE DONE ONE OF THE FOLLOWING WAYS:
   A. 3M SCOTCHLITE ACRYLIC, TRANSPARENT, ELECTRONIC CUTTABLE FILM (RED 1172 SERIES) INVERSE CUT TO ALLOW WHITE REFLECTIVE BACKGROUND TO SHOW THROUGH.
   B. SCREEN PRINTED USING 3M 880I OR 880-00 SERIES TRAFFIC SIGN RED TRANSLUCENT INK.
   BOTH PROCESSES (A OR B) WILL ACCOMPLISH A RED FIELD WITH WHITE COPY.

5. ALL SIGN IMAGING SHALL BE IN COMPLIANCE WITH THE REFLECTIVE SHEETING MANUFACTURES MATCH COMPONENT SYSTEM.

6. MOUNT ON ALL 4 CORNERS.

7. REQUIRES PRE-APPROVAL BY FIRE PREVENTION HAZMAT SECTION.

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PHOENIX FIRE DEPARTMENT

SPECIAL FIRE DEPARTMENT
NO PUMPING SIGN

L. HERTZ   DETAIL 9.5   MAY 2006