

SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Royse City Signage Requirements Compliant with 2018 IFC

The following is consistent with local Ordinances, the International Fire Code (IFC) and Regional Amendments, supporting long-term development in the City of Royse City.

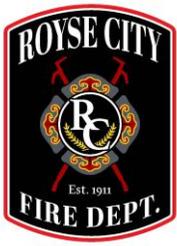
Pursuant to the 2018 IFC and to facilitate fire department operations, the following specifications of sign size, text, font, design and construction have been established. Signs contained in this document indicate the location of fire department related equipment and assist our staff in identifying the location of hazards.

The following examples are suggestions for compliance with 2018 IFC signage requirements, but may not include all of our requirements. This document is available to better serve our community and assist contractors with this task. It is incumbent upon each contractor to comply and businesses to maintain.

To better serve you, please email all proofs, in PDF format, to the Fire Marshal's Office for review and approval at rcfd@roysecity.com.

CONTENTS:

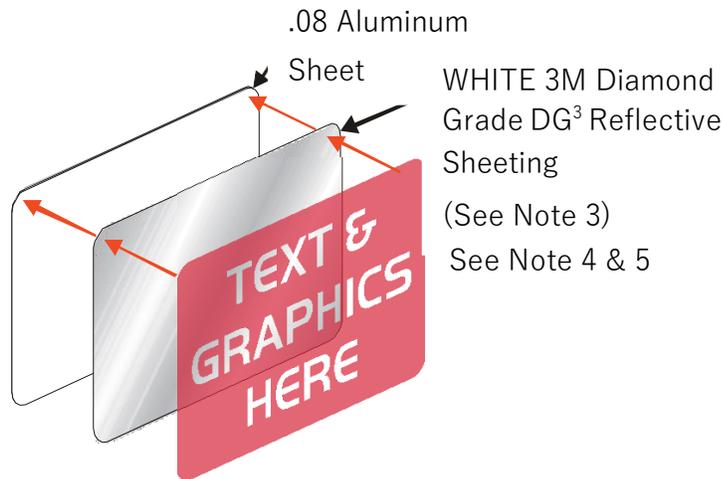
| | |
|---------|--|
| Page 2 | Sign Construction Specifications |
| Page 3 | General Storage & Fire Apparatus Access Roads |
| Page 4 | Fire Apparatus Access Roads |
| Page 5 | Premises Identification |
| Page 6 | Premises Identification |
| Page 7 | Utility Shut-Off and Identification |
| Page 8 | Fire Protection Identification and Access – FDC Signage |
| Page 9 | Fire Protection Identification and Access – FDC Signage |
| Page 10 | Fire Protection Identification and Access – Riser Room Signage |
| Page 11 | Fire Protection Identification and Access – Fire Pump Test Header Signage, Roof Access & FD Access |
| Page 12 | Fire Protection Identification and Access – Post Indicator Valve & High Piled Storage Striping |
| Page 13 | Fire Protection Identification and Access – High Piled Storage Signs |
| Page 14 | Fire Protection Identification and Access – Clearance Around Electrical Panels & Locks and Latches |
| Page 15 | Hazardous Materials Identification |
| Page 16 | Vendor List |



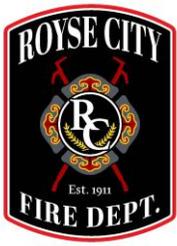
SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

SIGN CONSTRUCTION SPECIFICATIONS



- ❖ The sign face shall be sized as indicated in corresponding specifications and fabricated from 0.08 aluminum sheet with a minimum of 0.75" radius corners.
- ❖ Font style used is **HANDEL GOTHIC BT CAPITAL** with additional kerning between letters.
- ❖ The sign face shall have a **WHITE 3M DIAMOND GRADE REFLECTIVE SHEETING (3990 SERIES VIP TYPE IX)** applied as a background.
- ❖ Lettering / graphics shall be one of the following:
 1. **3M ELECTROCUT FILM RED 1172 OR ORACAL 8300 TRANSPARENT CAL 201C RED** or equivalent in durability. Inverse cut to allow white reflective background to show through lettering.
 2. Screen printed using **3M 8801 SERIES TRAFFIC SIGN RED**, translucent ink.Both processes, (1 or 2) will accomplish a **RED FIELD WITH WHITE COPY.**
- ❖ Signs used in building interiors are not required to use a reflective background.
- ❖ **All signage and changes must be pre-approved by the Fire Marshal's Office. Please email proofs to rcfd@roysecity.com for review and approval prior to ordering.**



SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

The following sections reference the 2018 IFC and provide some examples. Not all signage will be required on all projects. Due to the complexity of some buildings / sites, the Fire Marshal's Office may require specific lettering or signage. It is suggested that sign layouts are approved by the Fire Marshal's Office PRIOR to ordering. This helps reduce cost in the event of an error.

Section 315 – General Storage

315.3.1 Ceiling clearances. Storage shall be maintained 2 feet (610 mm) or more below the ceiling in non-sprinklered areas of buildings or not less than 18 inches (457 mm) below sprinkler head deflectors in sprinklered areas of buildings. This would include, but not limited to, storage rooms, closets, commercial kitchen areas, pantries, etc....

The fire code official is authorized to require the marking of any storage area known to be a common area for over stacking. Markings shall be, at a minimum, 2" painted red stripe with 1" tall painted white letters "DO NOT STACK ABOVE THIS LINE."

DO NOT STACK ABOVE THIS LINE

DO NOT STACK ABOVE THIS LINE

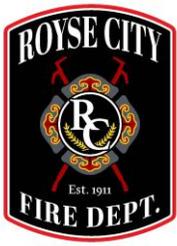
Section 503 – Fire Apparatus Access Roads

503.3 Marking. Striping, signs, or other markings, when approved by the fire code official, shall be provided for fire apparatus access roads to identify such roads or prohibit the obstruction thereof. Striping, signs and other markings shall be maintained in a clean and legible condition at all times and shall be replaced or repaired when necessary to provide adequate visibility.



- ❖ **Striping** - Fire apparatus access roads shall be continuously marked by painted lines of red traffic paint six inches (6") in width to show the boundaries of the lane. The words "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" shall appear in four-inch (4") white letters at 25-foot (25') intervals on the red border markings along both sides of the fire lanes. Where a curb is available, **the striping shall be on both the horizontal and vertical faces of the curb.**

The paint shall be Ennis Flint, SB Red All Stripe Low Voc, product code 98A2181 or equal. The concrete shall cure for a minimum of seven (7) days prior to the application of paint. Manufactures Documentation shall be required supporting the paint choice compliant with this mandate or of equal rating.



SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

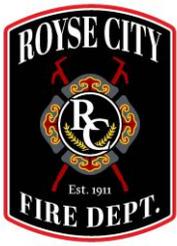
503.3 Marking Alternative.



❖ Decorative Striping Utilizing Paving Stones



- ❖ **Signs** - Signs shall read "NO PARKING FIRE LANE" or "FIRE LANE NO PARKING" and shall be twelve inches (12") wide and eighteen inches (18") high. Signs shall be painted on a white background with letters and borders in red, using not less than two-inch (2") lettering. Signs shall be permanently affixed to a stationary post and the bottom of the sign shall be six feet, six inches (6' 6") above finished grade. Signs shall be spaced not more than fifty feet (50') apart. Signs may be installed on permanent buildings or walls or as approved by the Fire Marshal's Office.



SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

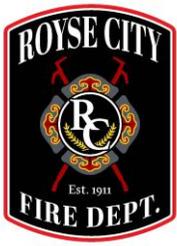
Section 505 – Premises Identification

503.3 Address Identification. Address numbers shall be Arabic numerals or alphabet letters at a minimum of twelve inches (12") in height and of a color contrasting with the background, designating the address placed on all new and existing buildings or structures in a position as to be plainly visible and legible at posted speed from the street or road fronting the property. Numerals a minimum of six inches (6") are to be plainly visible and legible from all rear alleyways / access.



Tenant suite numbers placed on glass shall be a minimum of 12" in height with a minimum stroke width of 0.5 inches. Suite numbers on the back door shall be a minimum of 6" in height. The color shall be contrasting with the background. The material construction shall be vinyl.





SIGNAGE REQUIREMENTS

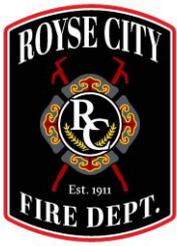
Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Where a sign is required, numerals or addresses shall be posted on a minimum 20" X 30" background on border.

Where access is provided by means of a private road and the building cannot be viewed from the public way, a monument, pole or other sign of means shall be used to identify the structure.



EXCEPTION – Main Street and Heritage District approved numerals 6” in height and of a color contrasting with the background designating the address shall be placed on all new and existing buildings or structures in a position as to be plainly visible and legible from the street or road fronting the property at posted speed and from all rear alleyways / access.



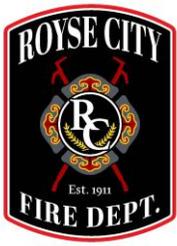
SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Below are *EXAMPLES* of signage, please see Page 2 of this document for font and sign specifications

Utility Shut-Off and Identification. All utilities shall have an exterior means of being disconnected by the Fire Department in case of an emergency and shall be labeled as such with approved signage. Approved numerals of minimum of 3" in height and of a color contrasting with the background shall be placed above gas and electrical meters serving all new and existing buildings or structures except R-3 occupancies.





SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Section 509 – Fire Protection and Utility Equipment Identification and Access

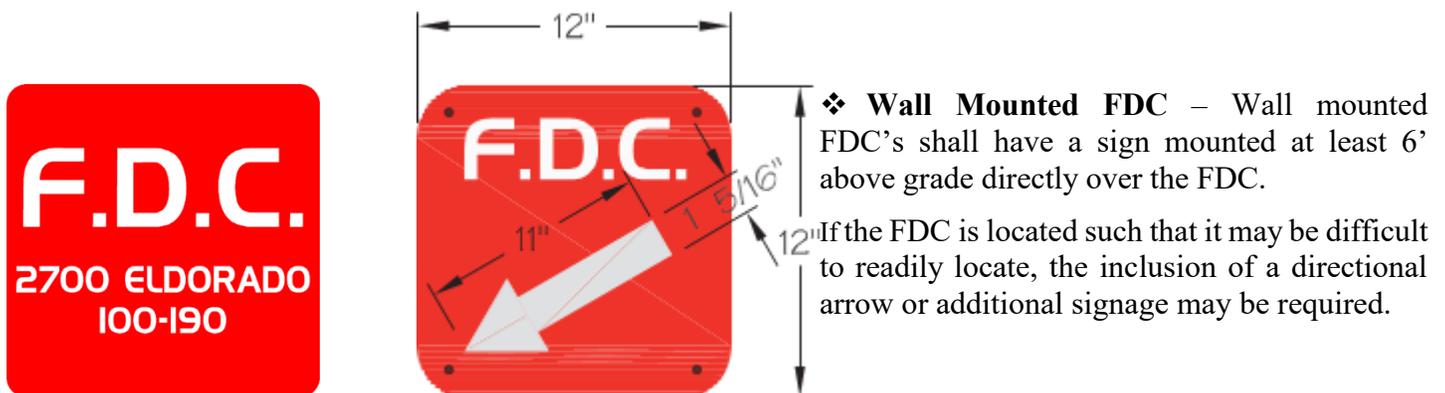
Sign Specifications. All signs required by this section shall be in accordance with the following specifications, including those listed on Page 2 of this document, unless otherwise noted. This document does not give examples of ALL signs that may be required, as every project is unique.

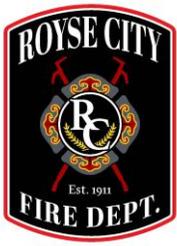
- ❖ Font style shall be Handel Gothic BT Capital with additional kerning between letters
- ❖ Lettering / graphics shall be reflective unless sign is to be posted interior
- ❖ All signs shall be secured by mechanical means, adhesive tape and/or glue is prohibited
- ❖ **All signage and changes must be pre-approved by the Fire Marshal's Office. Please email proofs to rcfd@roysecity.com for review and approval prior to ordering.**

Fire Department Connections (FDC) Signage – Any building that has an automatic fire suppression (sprinkler) system requiring a fire department connection (FDC) shall indicate the location of the FDC with the appropriate signage.

The fire department understands that there are unique situations to each building/site and has provided several options to facilitate fire suppression activities, however, due to the complexity of some buildings/sites, the Fire Marshal's Office may require specific lettering or signage.

Below are *EXAMPLES* of signage, please see Page 2 of this document for font and sign specifications





SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Below are *EXAMPLES* of signage, please see Page 2 of this document for font and sign specifications



- ❖ **Remote Mounted FDC** – For fire protection systems supplied by a remotely located FDC, a sign shall be mounted at least 6' directly above or adjacent to the FDC. This allows the arriving fire apparatus to locate the remote FDC. The sign shall include the numerical street number and depending on the location may require the full address.



- ❖ **FDC Protection** – All FDC's either remote or wall mounted shall have an 8" x 12" sign that reads "DO NOT BLOCK – BY ORDER OF FIRE MARSHAL" placed directly over the FDC. This serves as a notice to the general public and as a reminder to property owners/managers that it is a violation of fire code to obstruct the FDC with vehicles, landscaping,

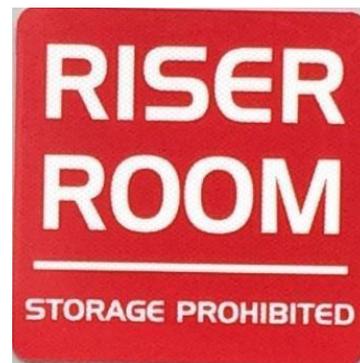
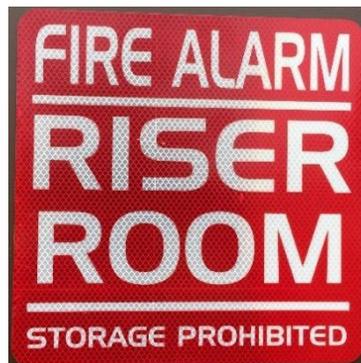


SIGNAGE REQUIREMENTS

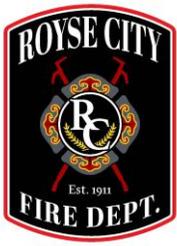
Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Below are *EXAMPLES* of signage, please see Page 2 of this document for font and sign specifications

Riser Room Signage – Fire sprinkler control rooms (riser rooms) shall be identified with a 12” x 12” sign which includes “STORAGE PROHIBITED”. When the fire alarm main panel and/or other fire department equipment is in the same room as the riser, the sign shall include lettering identifying both.



❖ **Fire Department Riser Zone Signs** – For multiple riser systems



SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Below are **EXAMPLES** of signage, please see Page 2 of this document for font and sign specifications

Fire Pump Test Header – When a fire pump is provided as part of the fire protection system, a sign shall be provided to differentiate the test header from other equipment. Signs shall at a minimum read “FIRE PUMP TEST HEADER”



Roof Access – If there is roof access that is not accessible from the exterior of the building, the following sign shall be installed on the door of the room containing the ladder.



FD Access - If any fire department access system (i.e., Knox box, key switches, etc.) is in an area that is not obvious, is confusing, or is not readily identifiable, the Fire Marshal's will require the following sign be installed as approved.





SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Below are *EXAMPLES* of signage, please see Page 2 of this document for font and sign specifications

Post Indicator Valves – When a Post Indicator Valve (PIV) is provided as part of the fire protection system, signs shall be posted to indicate the riser and/or zone controlled by the valve. Signs shall be located directly adjacent to the control valve and shall be either mounted on a sign post or affixed to the exterior of the building.



High Piled Storage – When high piled combustible storage, in accordance with Chapter 23, is present within a building or structure, marking shall be provided.

- ❖ **Striping** – A 6” wide traffic style red stripe with 4” white lettering OR 6” yellow stripe with black lettering shall be provided in all areas in which storage exceeds 12’, or as required by the fire code official, around the perimeter of the designed storage area. The top of the stripe shall indicate the maximum storage height, and shall read as follows "NO STORAGE PERMITTED ABOVE THIS LINE" at 25’ intervals.

“NO STORAGE PERMITTED ABOVE THIS LINE”

EXCEPTION – When permitted by the Fire Marshal’s Office, a 6” wide red or yellow striping with no text may be allowed on the rack structures for non-publicly accessible areas where permanent signs are provided along the walls and racks.



SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

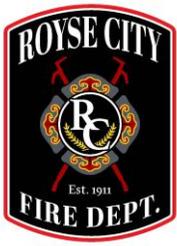
Below are *EXAMPLES* of signage, please see Page 2 of this document for font and sign specifications

- ❖ **Signs** – Permanent signs shall be placed on the ends of alternative racks to indicate "MAX STORAGE HEIGHT XX FEET" or "NO STORAGE ABOVE THIS SIGN," for racks and areas in which a wall is not adjacent to the storage array. Signs shall be 12" x 12" with 2" lettering, or other means as approved.

**MAXIMUM
STORAGE
HEIGHT 12
FEET**

**NO STORAGE
ABOVE THIS
SIGN**





SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Below are *EXAMPLES* of signage, please see Page 2 of this document for font and sign specifications

❖ Clearance Around Electrical Panels



Section 1010 – Doors, Gates and Turnstiles

1010.1.9.4 Locks and Latches.



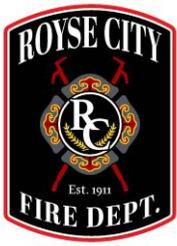
2. In buildings in occupancy Group A having an occupant load of 300 or less, Groups B, F, M and S, and in places of religious worship, the main exterior door or doors are permitted to be equipped with key-operated locking devices from the egress side provided:

- 2.1. The locking device is readily distinguishable as locked;
- 2.2. A readily visible durable sign is posted on the egress side on or adjacent to the door stating:

“THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED”

The sign shall be in letters 1” high on a contrasting background; and

- 2.3. The use of the key-operated locking device is revokable by the fire code official for due cause.



SIGNAGE REQUIREMENTS

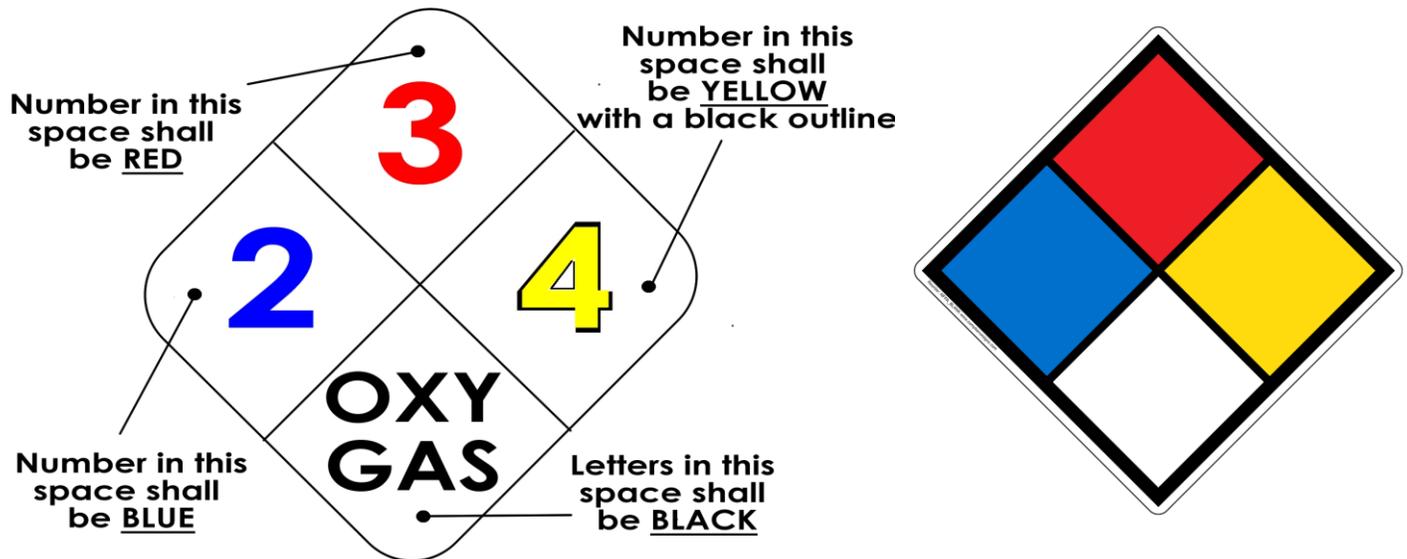
Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

Below are *EXAMPLES* of signage, please see Page 2 of this document for font and sign specifications

HAZARDOUS MATERIALS IDENTIFICATION (12" X 12")

Where compressed gases or hazardous materials are present, an NFPA 704 (Fire Diamond) placard shall be posted at a location on the premise as approved by the Fire Marshal.

Note: Numbers indicated in placard below are examples only! The materials on site dictate the numbers in each category.



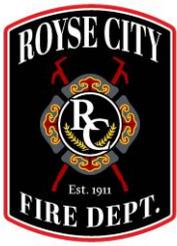
The sign shall be constructed out of .080 aluminum construction with rounded corners. The sign face shall have a white diamond grade reflective background. Numbers and letters shall be arranged by color as shown above and be constructed of an engineer-grade reflective vinyl.

If multiple hazardous materials are present, the numbers shall reflect the highest hazard in each category

Numbering shall be a minimum of 3.5" high with an 11/16" stroke width

Lettering for the Special Hazard Box shall be as follows:

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



SIGNAGE REQUIREMENTS

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

VENDOR LIST

This list is provided to assist you in locating companies that are familiar with the Royse City Fire Marshal's Office signage requirements. You may use any of these companies or any company of your choice. Please be advised that the sign construction specs are very specific in the material that is required.

SignsReady Co.

6817 K Avenue, Suite 104
Plano, TX 75074
972.359.7264
sales@signsreadyco.com

Signature Signs of Rockwall

880 E. Ralph Hall Pkwy
Rockwall, TX 75032
972.771.7818
info@signsofrockwall.com

FASTSIGNS of McKinney

401 S. Central Expressway Suite 101
McKinney, TX 75070
469.742.0425
Fax: 469.742.0505
Contact: Lisa
Email: 473@fastsigns.com

A Sign of Quality

5707 State Highway 276
Royse City, Texas 75189
972.771.2004
Contact: Nick
Email: nick@asoq.com

AlphaGraphics of Rockwall

2009B Industrial Blvd
Rockwall, TX 75087
972.771.6728
Email: us749@alphagraphics.com

Rockwall HighTech Signs

2850 Ridge Rd Suite 118
Rockwall, TX 75032
972.525.2500
sales@sigmagrafix.com