**SECTION 26 52 13**

**PHOTOLUMINESCENT EXIT SIGNS**

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by the following method in Microsoft Word:

 Display the FILE tab on the ribbon, click OPTIONS, then DISPLAY. Select or deselect HIDDEN TEXT.

This guide specification section has been prepared by Safe-T-Nose for use in the preparation of a project specification section covering photoluminescent exit signs.

The following should be noted in using this specification:

Hypertext links to specific websites are included after manufacturer names and names of organizations whose standards are referenced within the text, to assist in product selection and further research. Hypertext links are contained in parenthesis and shown in blue, e.g.:

 (www.astm.org)

Items requiring user input are enclosed within brackets and included as red text, e.g.:

 Section [09 00 00] [\_\_ \_\_ \_\_.]

Optional paragraphs are separated by an "OR" statement included as red text, e.g.:

\*\*\*\* OR \*\*\*\*

For assistance on the use of the products in this section, contact Safe-T-Nose LLC by calling 855-723-6673, by email at sales@safetnose.com, or visit their website at [www.safetnose.com](http://www.safetnose.com).

This specification has been prepared based on SimpleSpecs™-Specs specification templates. The SimleSpecs™ Specs Master Guide Specification system comprises a full architectural master specification that can be used to specify all project requirements. For additional information on SimpleSpecs™ Specs products visit the ZeroDocs.com website at www.zerodocs.com

1. **GENERAL**
	1. SUMMARY
		1. Section Includes:
			1. Photoluminescent exit signs.

Coordinate the following with other sections in the Project Manual.

* + 1. Related Requirements:
			1. Division 01 - General Requirements: Administrative, procedural, and temporary work requirements.
			2. Section 05 55 19 - Photoluminescent Stair Nosings.
			3. Section 10 45 00 - Photoluminescent Exit Specialties.
	1. REFERENCES

Edit the following to include only those references used elsewhere in this section.

* + 1. International Code Council (ICC) [(www.iccsafe.com)](http://www.iccsafe.com):
			1. International Building Code (IBC).
			2. International Fire Code (IFC).
		2. National Fire Protection Association (NFPA) [(www.nfpa.org](http://www.nfpa.org)) 101 - Life Safety Code.
		3. Underwriters Laboratories, Inc. (UL) [(www.ul.com)](http://www.ul.com) 924 - Standard for Emergency Lighting and Power Equipment.
	1. SUBMITTALS

Retain the following for submittals requiring the Design Professional’s review.

* + 1. Action Submittals:
			1. Shop Drawings: Indicate exit sign locations, mounting heights, and attachments.
			2. Product Data: Include product description, materials, finishes, and performance characteristics.
			3. Samples: Full size exit sign. [Sample will be returned for installation on Project.]

Retain the following for submission of informational submittals. These submittals are for the Owner's record purposes only.

* + 1. Informational Submittals:
			1. Certificates of Compliance: Show product compliance with reference standards.

Retain the following for closeout submittals for the Owner's record purposes.

* + 1. Closeout Submittals:
			1. Maintenance Data: Include recommendations for cleaning and routine maintenance.
	1. QUALITY ASSURANCE

Retain the following if required; edit to suit project requirements.

* + 1. Installer Qualifications: Minimum [2] [\_\_] years experience in work of this Section.
		2. Provide exit signs in accordance with [NFPA 101.] [ICC IBC.] [ICC IFC.] [\_\_\_\_.]
	1. DELIVERY, STORAGE AND HANDLING
		1. Store exit signs in dry location until installed.
	2. WARRANTIES
		1. Provide manufacturer’s 10 year warranty against defects in materials and workmanship.
1. **PRODUCTS**
	1. MANUFACTURERS
		1. Contract Documents are based on products by Safe-T-Nose LLC. [(www.safetnose.com](http://www.safetnose.com))

Edit the following to indicate whether or not substitutions will be permitted for the products in this section.

* + 1. Substitutions: [Refer to Division 01.] [Not permitted.]
	1. MATERIALS
		1. Sign Faces: Metallized plastic.
		2. Extruded Plastic: Resin with embedded photoluminescent pigment.
		3. Reflectance Material: Photoluminescent pigment embedded in resin carriers.
		4. Photoluminescent Area Luminance Properties: Meet UL 924 requirement for 5 footcandle light source.
	2. MANUFACTURED UNITS
		1. Photoluminescent Exit Signs:
			1. Tested and listed to UL 924.
			2. Meet requirements for 50 foot visibility and 90 minute photoluminescent emergency illumination.
			3. Sign type: [Single sided.] [Double sided.] [As indicated in Schedule at end of Section.] [As indicated on Drawings.]
			4. Sign face: 1/8 inch thick metallized plastic sheet with photoluminescent markings.
			5. Face color: [Brushed silver.] [Red.] [Green.] [Black.]
			6. Sign size: 16 inches wide x 9 inches high.
			7. Mounting type: [Peel-and-stick adhesive.] [Mounting bracket.] [As indicated in Schedule at end of Section.] [As indicated on Drawings.]

Retain the following if mounting brackets are required.

* + - 1. Mounting brackets: Manufacturer’s standard, extruded aluminum, clear finish.
	1. ACCESSORIES
		1. Fasteners: Stainless or corrosion-resistant; type best suited to application.
1. **EXECUTION**
	1. INSTALLATION
		1. Install signs in accordance with [NFPA 101,] [ICC IBC,] [ICC IFC,] [\_\_\_\_,] manufacturer’s instructions, and approved Shop Drawings.
		2. Set signs plumb, level, and rigid.
		3. Attach signs to supporting construction.
	2. FIELD QUALITY CONTROL
		1. With room light fixtures illuminated, measure amount of illumination on face of each exit sign using handheld light meter.
		2. Ensure that each location has minimum required illumination.
	3. EXIT SIGN SCHEDULE

Include the following for a schedule listing the products in this section; edit to suit project requirements. Coordinate with Part 2 - Products and with drawing designations. The following may assist in developing a schedule.

|  |  |  |  |
| --- | --- | --- | --- |
| SIGN DESIGNATION | SIGN MODEL | SIGN TYPE | MOUNTING TYPE |
|  |  |  |  |
| ES-1 | EUL50 | Single sided | Wall – Flush |
| ES-2 | EUL502 | Double sided | Wall - Flag |
| ES-3 | EUL502 | Double sided | Ceiling |

END OF SECTION