IFC/IBC REQUIRED EGRESS MARKINGS AND SIGNS

OBSTACLE MARKER

STAIR ID SIGN

EXIT SIGN

DOOR OUTLINE MARKER

PANIC BAR MARKER

RUNNING MAN SIGNS

HANDRAIL MARKERS

STAIR NOSINGS

PERIMETER MARKER

DIRECTIONAL ARROW SIGN

Safe-T-Nose®
LEAVE NO DOUBT • THIS WAY OUT • EXIT SAFELY

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.

PART 1   GENERAL

1.1   SUMMARY

A.   Section Includes:
1.   Photoluminescent exit signs.

B.   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.

1.2   REFERENCES

A.   International Code Council (ICC):
1.   International Building Code (IBC).
2.   International Fire Code (IFC).

B.   National Fire Protection Association (NFPA) 101 - Life Safety Code.

C.   Underwriters Laboratories, Inc. (UL) 924 - Standard for Emergency Lighting and Power Equipment.

1.3   SUBMITTALS

A.   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.]

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

C.   Closeout Submittals:
1.   Maintenance Data: Include recommendations for cleaning and routine maintenance.

1.4   QUALITY ASSURANCE

A.   Installer Qualifications: Minimum [2] [__] years experience in work of this Section.

B.   Provide exit signs in accordance with [NFPA 101.] [ICC IBC.] [ICC IFC.] [_____.]

1.5   DELIVERY, STORAGE AND HANDLING

A.   Store exit signs in dry location until installed.

1.6   WARRANTIES

A.   Provide manufacturer's 10 year warranty against defects in materials and workmanship.

PART 2   PRODUCTS

2.1   MANUFACTURERS

   A.   Contract Documents are based on products by Safe-T-Nose LLC. (www.safetnose.com)

   B.   Substitutions: [Refer to Division 01.] [Not permitted.]

2.2   MATERIALS

   A.   Sign Faces: Metallized plastic.

   B.   Extruded Plastic: Resin with embedded photoluminescent pigment.

   C.   Reflectance Material: Photoluminescent pigment embedded in resin carriers.

   D.   Photoluminescent Area Luminance Properties: Meet UL 924 requirement for 5 footcandle light source.

2.3   MANUFACTURED UNITS

   A.   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.]
      8.   Mounting brackets: Manufacturer's standard, extruded aluminum, clear finish.

2.4   ACCESSORIES

   A.   Fasteners: Stainless or corrosion-resistant; type best suited to application.

PART 3   EXECUTION

3.1   INSTALLATION

   A.   Install signs in accordance with [NFPA 101,] [ICC IBC,] [ICC IFC,] [_____,] manufacturer's instructions, and approved Shop Drawings.

   B.   Set signs plumb, level, and rigid.

   C.   Attach signs to supporting construction.

3.2   FIELD QUALITY CONTROL

   A.   With room light fixtures illuminated, measure amount of illumination on face of each exit sign using handheld light meter.

   B.   Ensure that each location has minimum required illumination.

3.3   EXIT SIGN 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