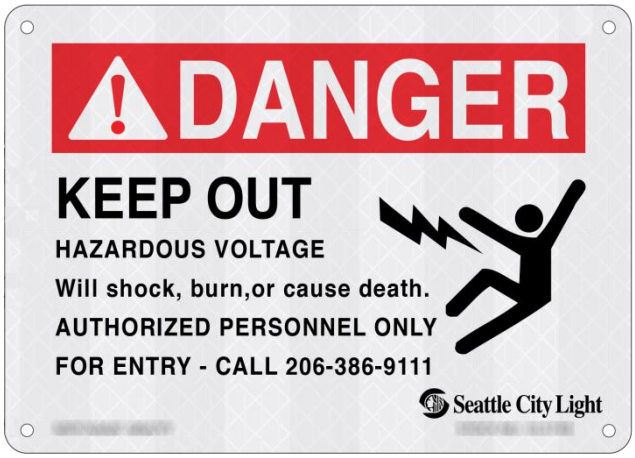
Signs, Danger Hazardous Voltage, 7 in x 10 in, Rigid



1. Scope

This standard covers the requirements for rigid “Danger Hazardous Voltage” signs.

This standard applies to Seattle City Light (SCL) Stock No. 765181.

2. Application

“Danger Hazardous Voltage” signs provide a visual aid in identifying potential hazards that may exist if a person were to come in contact with electrical equipment.

These signs are intended for use on the inside fence or on walls within a SCL substation. Signs may also be used in other situations where the same level of alert is warranted.

The term “danger” indicates a hazardous situation that, if not avoided, **will** result in death or serious injury. The use of this term is to be limited to the most extreme situations.

See SCL 7651.33 for rigid “Warning Hazardous Voltage” signs.

3. Industry Standards

Signs shall meet the applicable requirements of the following industry standards:

Occupational Safety and Health Administration (OSHA) 1910.145; Specifications for accident prevention signs and tags

American National Standards Institute (ANSI) Z535.1; Safety Colors

ANSI Z535.2; Environmental Facility and Safety Signs

ANSI Z535.3; Criteria for Safety Symbols

ANSI Z535.4; Product Safety Signs and Labels

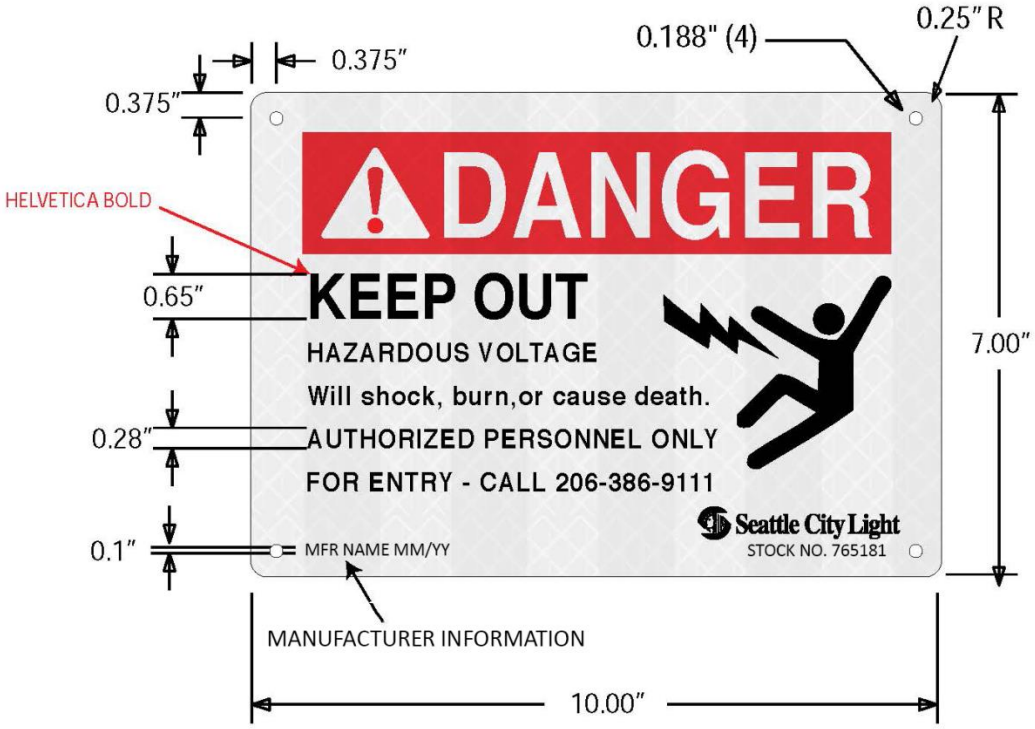
4. Requirements

Sign shall be fabricated according to Table 4 and Figure 4.

Table 4. Sign Requirements

Material	Aluminum
Dimensions (in)	7 x 10, with radiused corners and a 1/4-in hole (nominal) in each corner
Thickness (mils)	40
Coating	3M Series 3930 high intensity prismatic reflective sheeting; UV-inhibiting Sheeting strips shall be applied in a vertical orientation.
Text Colors	**Danger**: Safety White surrounded by Safety Red background **Exclamation point pictogram in triangle**: Safety Red surrounded by Safety White **Shocked person pictogram**: Safety Black **All other text**: Safety Black
Manufacturer and SCL Product Identification	**Manufacturer name or logo and the date of production** clearly marked along the bottom left edge of each sign **SCL stock number** clearly marked along the bottom right edge of each sign
Lettering	Helvetica Bold font
Layout	Per Figure 4

Figure 4. Example Sign Layout



5. Approval Process

Manufacturer must submit artwork and one representative physical sample for review by SCL Standards prior to being considered for approved manufacturer status. Artwork submission shall include manufacturer catalog number for SCL use in ordering product.

6. Approved Manufacturers

Manufacturer	Catalog No.
Almetek Industries	SIGN-14495
Designer Decal	DD-765181-SCL
Electromark	–

7. Packaging

Each standard package shall be legibly marked with the following information:

- Manufacturer identification
- Product description
- Seattle City Light stock number
- Quantity contained (not to exceed 10)

Each shipping container shall be legibly marked with the following information:

- Manufacturer identification
- Product description
- Seattle City Light purchase order number
- Seattle City Light stock number

8. Issuance

Stock Unit: EA

9. References

SCL Material Standard 7651.33; “Signs, Warning Hazardous Voltage, 7 in x 10 in, Rigid”

10. Sources

SCL Material Standard 7651.1 (canceled); “Sign, Danger High Voltage 7" x 10 "”

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