Seattle City Light

MATERIAL STANDARD

TRAFFIC SAFETY CONES, STANDARD PROFILE

1. Scope

This standard covers the requirements for standard profile, retroreflectorized traffic safety cones.

This standard applies to Seattle City Light Stock Number 761125.

2. Application

Traffic safety cones are used to channelize road users, divide opposing vehicular traffic lanes, divide lanes when two or more lanes are kept open in the same direction, and delineate short duration maintenance and utility work.

The cones specified in this standard are appropriate for day or night time use on low-speed roadways or freeways.

To minimize the possibility of being blown over or displaced by moving vehicular traffic, cones may be doubled up to increase their weight.

3. Industry Standards

Traffic safety cones shall meet the requirements of the following standard:

Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (MUTCD), 2009

4. Requirements

Material	
Base	black PVC
Underline	pink PVC
Top Coat	highly-pigmented, UV-stabilized PVC
Color	brilliant fluorescent orange
Tensile strength, minimum	1200 psi
Tear strength, maximum	250 lbs/in
Weight, nominal	8 lbs
Wall thickness, nominal	
Top	0.075 in
Bottom	0.130 in

Cones shall be provided with a 6-inch wide white, retroreflectorized band located 3 to 4 inches from the top of the cone with an additional 4-inch wide band located approximately 2 inches below the 6-inch band.

Cones shall be designed and fabricated to nest neatly and separate easily when stacked.

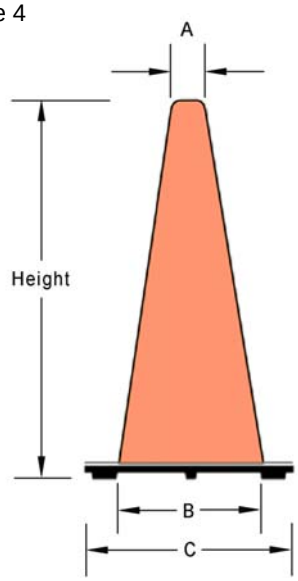
Cones shall be inner (in-mold) stenciled with "**SCL**" or equivalent text in letters readable from a distance of ten feet.

standards coordinator	*standards supervisor*	*unit director*
John Shipek	John Shipek	Darnell Cola

4. Requirements, continued

Dimensions, nominal	
Height	28 in
A	2.38 in
B	10.5 in
C	14.5 in

Figure 4



5. Testing

Test data that establishes compliance with this material standard shall be provided upon request.

6. Packaging

Each shipping container shall be marked with:

- Seattle City Light's Purchase Order Number
- Seattle City Light's Stock Number

7. Issuance

EA

8. Approved Manufacturers

Stock Number	Catalog Numbers	
	Jackson Safety	JBC Safety
761125	3000SCL	JBC700SCL

9. Reference

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