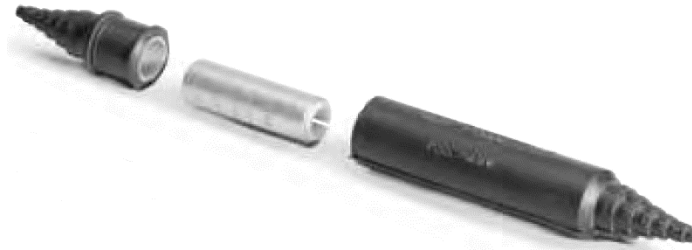


Splice Kits, Compression, Inline, Submersible



1. Scope

This standard covers the requirements for submersible, inline, compression, splice kits.
This standard applies to Seattle City Light Stock No. 678665.

2. Application

Splice kits include a compression splice, a watertight boot, and a silicone grease packet.
Splice kits are used to join #6 AWG copper, 600 V streetlight cables.

3. Industry Standards

Splices shall meet the requirements of the latest revision of the following industry standard:

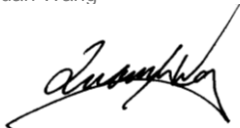
ANSI C119.4, American National Standard for Electric Connectors— Connectors for Use between Aluminum-to-Aluminum and Aluminum-to-Copper Conductors Designed for Normal Operation at or Below 93°C and Copper-to-Copper Conductors Designed for Normal Operation at or Below 100°C

4. Requirements

Splice kits shall include the following components shown in Figure 4:

- Splice cover (cap and rocket)
 - Insulating rubber
 - Capable of accepting conductor size #14 to 2/0 AWG
 - Watertight and submersible
- Repair splice
 - Tin-plated aluminum
 - Appropriate for #6 AWG, copper or aluminum conductor
 - Prefilled with oxide inhibitor and capped
- Silicone grease, single-use packet

Standards Coordinator
Quan Wang



Standards Supervisor
John Shipek



Unit Director
Andrew Strong



Figure 4. Splice Kit (Cap, Rocket, Compression Splice, Silicone Grease)



5. Marking

Splice bodies shall be legibly and permanently marked with the following:

- Manufacturer name or trademark
- Catalog number
- Conductor size

6. Packaging

Splice kits shall be packaged to prevent damage during shipping, handling, and storage.

Splice kits shall be packaged with all components in a single bag.

Packages shall be legibly marked with the following information:

- Manufacturer identification
- Product catalog part number
- Product description
- SCL stock number

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

- Seattle City Light purchase order number

7. Issuance

EA

8. Approved Manufacturers

Manufacturer	Catalog No.
ABB/ Thomas & Betts / Homac	ULSK-6

9. Sources

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Wang, Quan; SCL Standards Engineer, originator, and subject matter expert for 6780.44 (quan.wang@seattle.gov)

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