

Guy Hooks



1. Scope

This standard covers the requirements for guy hooks.

This standard applies to Seattle City Light (SCL) Stock No. 565195.

Guy hooks are also known as goat hooks, goathorns, T-hooks, or integral spur hooks.

2. Application

Guy hooks are used to attach down or span guys to wood poles.

The minimum strength values cited in Table 4b equate to ultimate strength values commonly cited by manufacturers.

Guy hooks are not for use on flat surfaces or fiberglass structures. For fiberglass pole applications, see SCL 5651.28.

3. Industry Standards

Guy hooks shall meet the applicable requirements of the following industry standards:

ASTM A47 (2014); "Standard Specification for Ferritic Malleable Iron Castings"

ASTM A123 (2015); "Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products"

ASTM A153/153M (2016); "Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware"

ASTM A536 (2014); "Standard Specification for Ductile Iron Casting"

IEEE C135.90 (2014); "Standard for Pole Line Hardware for Overhead Line Construction"

Table 4a. Guy Hook Dimensions (in)

Dimension	Size	Max	Min
Strand	1/2	1/2	–
Thimble (dia)	1-3/8	1-7/8	1-3/8
A	13/16	7/8	13/16
B	–	–	9/16

Table 4b. Guy Hook Minimum Strength

Angle (degrees)	Minimum Strength (lb)
45 or 90	18,350

5. Markings

Markings for each guy hook shall include, but not be limited to, the following:

- Manufacturer identification
- Country of origin
- Part identification

6. Packaging

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

- Manufacturer identification
- Product description
- Seattle City Light stock number
- Quantity contained

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

7. Issuance

Stock Unit: EA

8. Approved Manufacturers

Manufacturer	Catalog No.	Material
Hubbell/Chance	GH6-ILS	Ductile iron
Line Hardware, Inc.	HGA-75CS	Ductile iron
MacLean Power Systems	AG-6X	Aluminum

9. Sources

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