

Wrenches, Adjustable, Heavy-Duty



1. Scope

This standard covers the requirements for adjustable heavy duty open-end and pipe wrenches.

This standard applies to the following Seattle City Light (SCL) stock numbers:

Open-end wrenches, adjustable:

| Stock No. | Size (in) |
|-----------|-----------|
| 766140 | 4 |
| 766145 | 6 |
| 766150 | 8 |
| 766155 | 10 |
| 766160 | 12 |
| 766162 | 15 |

Pipe wrenches, adjustable:

| Stock No. | Size (in) |
|-----------|-----------|
| 766175 | 10 |
| 766180 | 14 |
| 766185 | 18 |
| 766190 | 24 |

2. Application

Open-end wrenches are hand tools used to turn nuts and bolts for tightening or loosening.

Pipe wrenches are hand tools used to turn pipe and tighten and loosen threaded pipe connections with round threaded fittings.

Standards Coordinator
Ponet Neunansourinh

Standards Supervisor
John Shipek

Unit Director
Andrew Strong

3. Industry Standards

Wrenches shall meet the applicable requirements of the latest revision of the following industry standards:

ASME B107.110 - Socket Wrenches, Handles, and Attachments

ASME B107.8 - Adjustable Wrenches

SAE AS4984A – Coating Requirements for Aerospace Hand Tools

4. Requirements

Product requirements shall be as described below and defined in Section 7:

Open-end wrenches:

- Drop-forged alloy steel
- I-beam style handle, plain
- Chrome or satin finish
- Hole in handle for hanging
- Square jaw opening

Pipe wrenches:

- Ductile-iron housing
 - Straight style
 - I-beam style handle
 - Red color housing and handle
 - Adjustable full-floating alloy steel forged hook jaw
 - Self-cleaning threads
 - Hole in handle for hanging
 - Replaceable hook and heel jaws
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5. Packaging

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

Individual packages shall be legibly marked with:

- Manufacturer name
- Manufacturer catalog number
- Product description
- Seattle City Light stock number

Shipping containers shall be legibly marked with:

- Seattle City Light purchase order number
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6. Issuance

Stock Unit: EA

7. Approved Manufacturers

Open-end wrenches, adjustable:

| Stock No. | Size (in) | Jaw Opening, Maximum (in) | Williams Product No. | Proto Tools Part No. |
|------------------|------------------|--------------------------------------|-----------------------------|-----------------------------|
| 766140 | 4 | 1/2 | AP-4A | J704 |
| 766145 | 6 | 3/4 | AP-6A | J706 |
| 766150 | 8 | 1 | AP-8A | J708 |
| 766155 | 10 | 1-11/64 | AP-10A | J710 |
| 766160 | 12 | 1-5/16 | AP-12A | J712 |
| 766162 | 15 | 1-11/16 | AP-15A | J715 |

Pipe wrenches, adjustable:

| Stock No. | Size (in) | Jaw Opening, Maximum (in) | Rigid Tools Part No. |
|------------------|------------------|--------------------------------------|-----------------------------|
| 766175 | 10 | 1-1/2 | 31010 |
| 766180 | 14 | 2 | 31020 |
| 766185 | 18 | 2-1/2 | 31025 |
| 766190 | 24 | 3 | 31030 |

8. Sources

Neuansourinh, Ponet; SCL Standards Engineer and originator of 7637.22
(ponet.neuansourinh@seattle.gov)

SCL Stock Catalog page 76-25; February 26, 2004

www.asme.org

www.protoindustrial.com

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