

AUSTIN ENERGY

PURCHASE SPECIFICATION

FOR

PADLOCKS, TRANS, SUB, DIST, OH, URD, STANDARD & HIGH SECURITY

<u>DATE</u>	<u>PREPARED BY</u>	<u>ISSUANCE/REVISION</u>	<u>APPROVAL</u> <u>DIVISION MANAGER/STANDARDS MANAGER</u>
6/25/15	Dennis Patrick	Issuance	

REASON FOR REVISION

AFFECTED PARAGRAPHS

This specification, until rescinded, shall apply to each future purchase and contract for the commodity described herein.
Retain for future reference.

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1.0 SCOPE

This specification shall define the minimum physical characteristics required by Austin Energy (AE) for padlocks. The padlocks shall cover general usage, also used for locking equipment cabinets such as transformers, switchgears, in high security applications such as air switch controllers, and substation gate locks.

2.0 CLASSIFICATION

The requirements herein shall apply to all padlocks, from general usage to high security applications. No other padlocks shall be used for AE property or equipment unless approved by Standards Department.

3.0 APPLICABLE STANDARDS

All characteristics, definitions, and terminology, except as specifically covered in this specification shall be in accordance with the latest revision of the following ASTM standards:

3.1 ASTM F883-13
Standard Performance Specification for Padlocks.

3.2 ANSI A156.5
Standard for Auxiliary Locks and Associated Products.

4.0 GENERAL LOCKS

4.1 #0316 – Padlock Master #1, keyed 2081 for Transmission gates, stamped “CITY OF AUSTIN ELECTRIC”, laminated steel lock body, 5/16” diameter hardened steel shackle, duel locking levers, 4 pin tumbler, and lock cylinder, keyed alike. Body width is 1-3/4” (+/- 1/8”); vertical shackle is 15/16” (+/- 1/8”) tall, supplied with key. On QPL EL1271.

4.2 #9556 – Padlock, keyed SARG NLJ82654, W/O Keys, stamped “COA ELECTRIC”, 5 pin tumbler, lock cylinder, keyed alike, Brass body and shackle, body width is 1-3/4 inches, shackle diameter is 5/16 inch, shackle clearance is 7/8 inch. No keys supplied. Used for Transformers. On QPL EL1249.

4.3 #9557 – Padlock, Brass body, brass shackle is diameter of 3/8”, with shackle clearance of 1 inch, UPC code is 92100-3, keyed SARG U37545, W/O Keys, stamped “CITY OF AUSTIN ELECTRIC GATE”. On QPL EL1158.

4.4 #9558 – Padlock, keyed 346544, Brass body, 2 inches in width, Boron alloy shackle with diameter of 3/8 inch, shackle clearance of 3 inches, W/O Keys, stamped “CITY OF AUSTIN ELECTRIC AIR3”. On QPL EL1240.

5.0 HIGH SECURITY LOCKS

- 5.1 #19169 - Padlock, MUL-T-LOCK, high security, #8 C series, pop shackle, key retaining, 7/8 inch clearance. To be keyed for AE & AES keys. The Cothrons at 2908 N. IH 35 is the only approved distributor allowed to key this lock due to security restrictions, and Cothrons is the only authorized distributor for MUL-T-LOCK. The lock shall be engraved with the word 'SUBSTATION'.
The shell: hardened steel, the core: black plated solid brass, the shackle: hardened boron alloy steel, protective shutter to prevent dust contamination, drainage hole to prevent freezing, 10 telescopic pin tumbler system, pick resistant, reversible nickel silver key with plastic key head and colored insert for identification.
Body measurements: body height 1.850 inches, body width 1.968 inches, body thickness 0.866 inches, shackle diameter 0.311 inch, shackle clearance 0.866 inch. Keyed AE&AES.
- 5.2 #22051 - Padlock, MUL-T-LOCK, high security, #8 C series, pop shackle, key retaining, 7/8 inch clearance. To be keyed for AE keys only. The Cothrons at 2908 N. IH 35 is the only approved distributor allowed to key this lock due to security restrictions, and Cothrons is the only authorized distributor for MUL-T-LOCK. These locks are for use on Distribution equipment such as air switches and Distribution switchgear.
The shell: hardened steel, the core: black plated solid brass, the shackle: hardened boron alloy steel, protective shutter to prevent dust contamination, drainage hole to prevent freezing, 10 telescopic pin tumbler system, pick resistant, reversible nickel silver key with plastic key head and colored insert for identification.
Body measurements: body height 1.850 inches, body width 1.968 inches, body thickness 0.866 inch, shackle diameter 0.311 inch, shackle clearance 0.866 inch. Keyed AE.
- 5.3 #22052 - Padlock, Used, MUL-T-LOCK, high security, #8 C series, pop shackle, key retaining, 7/8 inch clearance. To be keyed for AE keys only. The Cothrons at 2908 N. IH 35 is the only approved distributor allowed to key this lock due to security restrictions, and Cothrons is the only authorized distributor for MUL-T-LOCK. These locks are for high security locks that come un-assembled and taken to Cothrons to be assembled.
The shell: hardened steel, the core: black plated solid brass, the shackle: hardened boron alloy steel, protective shutter to prevent dust contamination, drainage hole to prevent freezing, 10 telescopic pin tumbler system, pick resistant, reversible nickel silver key with plastic key head and colored insert for identification.
Body measurements: body height 1.850 inches, body width 1.968 inches, body thickness 0.866 inch, shackle diameter 0.311 inch, shackle clearance 0.866 inch. Keyed AE.

6.0 TESTING

- 6.1 Prior to accepting a contract Austin Energy shall receive a full test report from a reputable domestic testing lab on subject product(s). The lab shall not be affiliated directly with the manufacturer of subject product(s). Test performed on Product(s) shall be according to all applicable Standards. Test results shall be sent directly to AE Standards, at 4411B, Meinardus Dr. Austin, TX 78744. Test results shall indicate the exact product number that the tests were performed on.