BHMA builders hardware manufacturers association

Standards at a GLANCE

ANSI/BHMA A156.25-2002
American National Standard for Electrified Locking Devices

Electrified locking systems are comprised of input devices, locking devices, controlling devices and power supplies. Standard ANSI/BHMA A 156.25-2002 establishes requirements for electrified locking devices that control door access, and includes definitions, general information and tests (required equipment and procedures). When the input and/or controlling devices are an integral part of the locking device, they shall also be covered by this standard.

Electrified locking devices must also adhere to the requirements of ANSI/UL 1034-1994, Fourth Edition Standard, for Burglary Resistant Electric Locking Mechanisms.

Tests and required performance levels in this standard include:

- Operational
- Cycle
- Material
- Electrical

The following are partial descriptions of test values. Please see the complete standard for additional tests:

Full Indoor Test	Doors shall operate as intended with related equipment at 32 degrees F (0 degree C) and 120 degrees F (49 degrees C). At a maximum of 85%, non-condensing relative humidity.
Full Outdoor Test	Doors shall operate as intended with its related equipment at –31 degrees F (-35 degrees C) and 151 degrees F (66 degrees C). At a maximum of 85%, non, condensing relative humidity.
Combination of Locked Indoor and Locked Outdoor Test	Doors shall operate as intended with the outdoor side subject to –31 degrees F (-35 degrees C) and 151 degrees F (66 degrees C) while the indoor side is at room ambient 70 +/- 4 degrees F (21 +/- 2 degrees C). At a maximum of 85%, non-condensing relative humidity.
Slam Cycle Test	[Partial exerpt] With the electrified locking device in the test door assembly (7.1) adjust the fixture to provide no latching or locking engagement…door closing speed shall be 2.5 seconds or less from 90 degrees open to fully closed with no deceleration during the closing cycle…Failure to pass the operational tests after the slam test constitutes failure of the entire test.