

ANSI/BHMA A156.24 2003

American National Standard for Delayed Egress Locking Systems

This Standard covers products used in connection with conventional exit devices or locks causing the doors to remain locked after releasing actuation for a predetermined length of time. Performance criteria are included for functional, cycle, operational, fail-safe and overload requirements.

In addition, definitions, general information regarding the usage, and the requirements for the delayed egress locking systems are listed. Test methods are also provided.

Sample test values performed under laboratory conditions:

Please note that the following is a partial description used for illustration purposes only. See the full Standard for detailed test methods, and exceptions.

Test	Requirements
Cycle	The door shall be opened by actuating the lock equipped with a 15 second maximum delay feature including a zero to three second pre-delay as described in 3.7. The door shall be allowed to close by action of the door closer. Electrically re-lock the system so that the time delay is operative. This constitutes one cycle. Repeat for 10,000 cycles. Failure occurs if more than a 15 lbf (67 N) for exit devices, a 28 lbf-inch (3 Nm) torque for levers, and a 9 lbf-inch (1 Nm) torque for knobs is required prior to and at the completion of the cycle test or if the lock cannot be released at the end of the 15 second period at any point during the cycling period.

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Note: This document is not to be used as a substitute for the standard. Users should refer to the entire standard for complete requirements and details. For further information go to www.buildershardware.com.