



Designation: F 1577 – 9601

Standard Test Methods for Detention Locks for Swinging Doors¹

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1. Scope

1.1 These test methods cover the apparatus, procedures, and acceptance conditions for evaluating the normal operational performance and the performance characteristics under assault conditions of locks used in swinging door assemblies in detention and correctional institutions. Thus, they ~~only~~ give only an indication of the performance characteristics of locks in actual service. Such variables as installation and maintenance conditions are not considered.

1.2 It is the intent of these test methods to help ensure that detention locks perform at or above minimum acceptable levels to control passage to unauthorized or secure areas, to confine inmates, and to delay and frustrate escape attempts and resist vandalism. It is recognized that in order to meet the intent of these test methods, door and frame assemblies must be compatible with the level of performance required by Test Method ~~F 1450–92~~, F 1450.

1.3 The values stated in inch-pound units are to be regarded as the standard. The values in parentheses are for information only.

1.4 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

E 152 Methods for Fire Tests of Door Assemblies²

¹ These test methods are under the jurisdiction of ASTM Committee F33 on Detention and Correctional Facilities and are the direct responsibility of Subcommittee F33.04 on Operational Systems.

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