

# Safety and Performance Tests for Door Locks

The Hong Kong Standards and Testing Centre Ltd (STC) offers you a wide range of door lock testing services, under the accreditation by HKAS<sup>#</sup>, in accordance with the British standards, to ensure the performance and functionality of various door locks.

STC tests for door locks in British standards include:

Testing Item(s)	Test Method	Type of Lock
Freedom of operation of follower, knob and spring bolt action	BS 5872	Cylinder rim drawback Locks and Lever Handle Furniture and Locks
Strength of bolt spring		
Strength of follower or cam, knob, spring bolt and stopping medium		
Spring bolt through striking plate or staple		
Dead bolt against end pressure	BS 5872	Cylinder rim drawback Locks, Lever Handle Furniture and Locks, and Mortice Dead Locks
Strength of keys		
Strength of lock or latch case, forend and bolt		
Spring bolt through follower or knob	BS 5872	Lever Handle Furniture and Locks
Operation of security mechanism	BS 5872	Lever Handle Furniture and Locks, and Mortice Dead Locks
Strength of striking plate	BS 3621	Lever Handle Furniture and Locks, and Mortice Dead Locks
Strength of return mechanism	BS 4951	Lever Handle Furniture and Locks
Strength of furniture and methods of fixing		
Durability of mechanism		

<sup>#</sup>Accredited by HKAS for specific tests as listed in the HOKLAS Directory of Accredited Laboratories.

**More testing services are available, please contact our staff of Textile, Furniture and Footwear Products Division.**

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