

DOOR HARDWARE

Expert Investigates Hand Entrapment

A man was exiting his apartment when his hand became entrapped in the security hardware on the interior door, and his hand was severely injured. His hand was caught between the interlocking pieces of a latch guard, one mounted on the door and the other on the frame.

A Robson Forensic architect was retained to investigate the configuration of the hardware and determine if it was dangerous and met the standard of care for safe door hardware configuration. The two pieces of metal, which were intended to prevent tampering with the lock or opening the door with force reduced the available space for a person's fingers by half, and created a condition in which the two pieces acted like a guillotine.

We determined that the configuration created a hazard, violated the standard of care for door and hardware maintenance, and that the condition the guards were intended to address could have been solved with safe and readily available devices.

Contact the [Premises Safety](#) team at Robson Forensic for information on how we can aid in your investigation.