# Test Report No. 7191152727-MEC16-MHA
**dated 15 Dec 2016**
**(2191053195)**

PSB Singapore

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**SUBJECT:**

Indicative durability test on 'Ocius' OPT 10A stainless steel 304 patch lock submitted by Ocius Hardware.

**TESTED FOR:**

Ocius Hardware
Jakarta
Indonesia

**DATE SUBMITTED:**

28-Nov-2016

**TEST DURATION:**

05-Dec-2016 to 12-Dec-2016

**METHOD OF TEST:**

1. Adopting to EN 12209 : 2003, clause 5.3.2, Building hardware – Locks and latches – Mechanically operated locks, latches and locking plates – Requirements and test methods.

2. The test was conducted at TÜV SÜD PSB's fire test laboratory located at No. 10, Tuas Avenue 10, Singapore 639134.

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**DESCRIPTION OF SAMPLE:**

3. Two sets of patch lock said to be 'Ocius' OPT 10A were received. The locks are said to be of stainless steel 304 material and shall be marked 'Ocius'. The country of origin was said to be China. Photographs of the lock are shown in Plate 1 and a dimensioned picture of the lock is shown in figure 1.

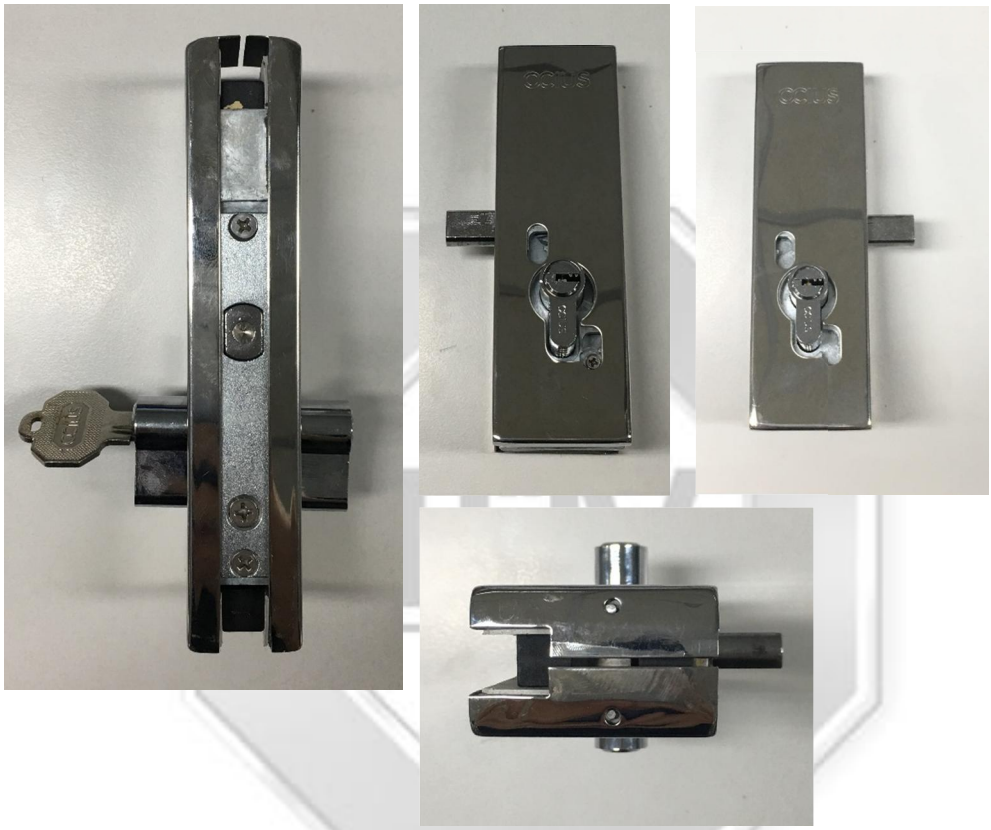


Plate 1

**TEST RESULTS:**

**Durability of deadbolt mechanism**

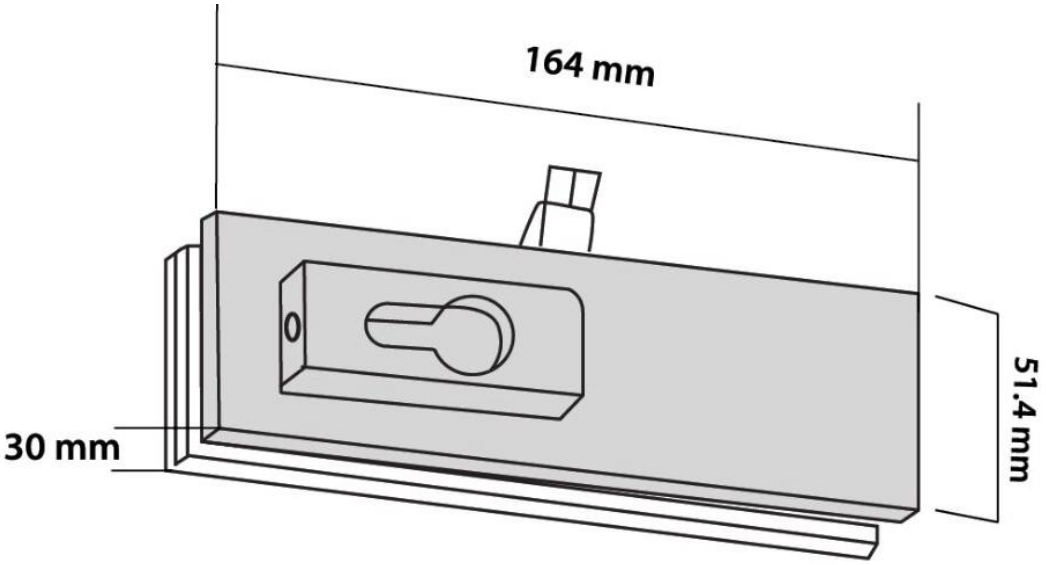
| Descriptions | Sample | | Requirements |
|---|---|---|---|
| | A | H | |
| Durability test on deadbolt | 50,000 cycles | 50,000 cycles | - |
| Torque to operate deadbolt after durability test | 0.3 Nm | 0.3 Nm | Torque shall not exceed:<br>□ M3 via keyhole : 1.5Nm<br>□ M4 via follower : 3Nm |
| Results (comply/non-compliance): Compy | | | |

**CONCLUSION:**

Adopting to EN 12209 : 2003, clause 5.3.2, Building hardware – Locks and latches, the results obtained show that the locks tested **meet with the durability of deadbolt mechanism requirements.**

Min Htet Aung
Higher Associate Engineer

David Ang
Product Manager
(Fire Property)
Mechanical




Note: the deadbolt is 15mm(length) x 10mm(width) x 21mm(depth)

All dimensions in mm
Scale:Not to Scale

**Figure 1: Lock**

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July 2011