

Clause	Test Requirement	Result
4.5.3	Non-interpassing of keys with just one interval effective differ When tested in accordance with 5.5.2, it shall not be possible to operate the padlock with keys differing from the correct key by one interval, i.e. the next closest key. The next closest key shall be defined by the manufacturer according to its key coding system.	Pass
4.5.4	Resistance to force on cylinder plug or locking mechanism When tested in accordance with 5.5.3, the cylinder plug or the locking mechanism shall resist a force F1 (Table 2).	Pass
4.5.5	Resistance to torque on cylinder plug or locking mechanism When tested in accordance with 5.5.4, the cylinder plug or the locking mechanism shall resist a torque M2 (Table 2).	Pass
4.5.6	Resistance to pulling of shackle or staple When tested in accordance with 5.5.5, the shackle and the staple shall each resist a force F2 (Table 2).	Pass
4.5.7	Resistance to twisting of shackle or staple When tested in accordance with 5.5.6, the shackle and the staple shall each resist a torque M3 (Table 2).	Pass
4.5.8	Resistance to cutting of shackle or staple When tested in accordance with 5.5.7, the shackle and the staple shall each resist a force F3 (Table 2).	Pass
4.5.9	Resistance to impact on padlock body, shackle and staple at low temperature When tested in accordance with 5.5.8, the padlock body, the shackle and the staple cooled to temperature T, shall each resist the blows from the steel pole with the mass m and from the height h (Table 2).	Pass
4.5.10	Resistance to drilling of padlock body, shackle and staple When tested in accordance with 5.5.9, the padlock body, the shackle and the staple shall each resist drilling for a time t (Table 2).	N/A
4.5.11	Resistance to sawing of padlock body, shackle and staple When tested in accordance with 5.5.10, the padlock body, the shackle and the staple shall each resist sawing for a time t (Table 2).	N/A
4.5.12	Attack resistance When tested in accordance with 5.5.11, the padlock shall resist attacks with manual tools for a time t (see Table 2).	N/A
7	Marking Each product in conformity with this European Standard and/or its literature/packaging, shall be marked with the following: manufacturer's name or trademark or other means of identification; product model identification classification according to Clause 6; the reference to this European Standard, i.e. EN 12320;	N/C

Note:

N/A=Not applicable;

N/C=Not conducted as without required information provided.

*** END OF THE REPORT ***

Test Result

Test Conducted:
1. Building hardware—padlocks and padlock fittings—Requirements and test methods (EN12320:2012)

- 1) Sample Description: Padlock
- 2) Claimed grade: 1 2 3 4 5 6
- 3) Number of test sample: 6 pieces
- 4) Test Result:

Clause	Test Requirement	Result
4 Requirements		
4.1	General The structure of this clause reflects the classification as given in Clause 6.	N/C
4.2	Category of use (first classification digit) Grade 1: according to requirements in 5.2	Pass
4.3	Durability (second classification digit) Grade 0: no requirements Grade 1: 10 000 cycles When tested in accordance with 5.3 it shall be possible to operate the padlock. The padlock fittings are excluded from the durability test.	Pass
4.4	Corrosion Resistance (third classification digit) Products shall be classified in accordance with EN 1670. Grade 0: no defined corrosion resistance Grade 1: 24h +1h/-0 h; Grade 2: 48h +1h/-0 h; Grade 3: 96h +1h/-0 h; Grade 4: 240h +1h/-0 h; Grade 5: 480h +1h/-0 h; After the corrosion test, the padlock shall operate using a maximum torque on the key of 2.5 Nm. This corrosion test shall apply to the functionality only (not appearance).	Pass (grade 3)
4.5 Security (fourth classification digit)		
4.5.1	General Some of the requirements can be confirmed with a certificate and test report according to EN 1303. In grades 4, 5 and 6 it shall not be possible to remove the key until the shackle is deadlocked in the closed position and the key retained in open position.	N/A
4.5.2	Minimum number of effective key differs Padlocks shall have a minimum of n effective key differs (Table 2). For a mechanical padlock, the maximum number of steps on the same level shall be 60 %, maximum two adjacent and a minimum of three levels.	N/C

TEST REPORT

APPLICANT : PUJIANG CHAOGE LOCKING CO.,LTD
ADDRESS : NO.585,YINGBIN ROAD, HUANGZHAI TOWN,PUJIANG COUNTY
SAMPLE DESCRIPTION : HACKLELESS STEEL PUCK STEEL PADLOCK
ITEM NO : PS70
SAMPLE RECEIVED DATE : 04-Sep-2017
TURN AROUND TIME : 04-Sep-2017 to 07-Sep-2017
TEST REQUESTED : Selected test(s) as requested by client
TEST METHOD : Please refer to next page(s)
TEST RESULTS : Please refer to next page(s)

The following test item(s) was/were performed on selected sample(s) and/or component(s) appointed by applicant.

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd Hangzhou Branch


Sara Liu
Quality Supervisor



Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to hz.info@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to china.complaint@eurofins.com and referring to this report number.

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SAMPLE PHOTO



EFHZ17090114-CG-01

TO BE CONTINUED