

RETEST REPORT

Product Name: LOCKIS EURO CYLINDER

Report Number: CLME/0714/1328

Tested to: SS 312 GOLD

On behalf of: Rav-Bariach (08) Industries
Southern Ind Zone
Israel

Date: 13th August 2014

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Introduction

It was requested that Sold Secure carry out a retest of the Locxis Euro Cylinder to SS 312 to a grading level of Gold following it's previous failure.

The results are presented below.

Note

Product has been tested to EN1303 by the Czech Accrediation Institute (I A Accredited) and certificate supplied.

Overall EN 1303:2005 Rating as per certificate provide by Czech Accreditation Institute

1	2	3	4	5	6	7	8
Category of use	Durability	Door mass	Fire resistance	Safety	Corrosion resistance and temperature	Key related security	Attack Resistance
1	6	0	0	0	C	6	2

The drilling protection and GVA needed to be retested following concerns highlighted in the original testing.

The results are provided in the following report.

Results

Minimum numbers of effective differs as required by EN 1303 cl. 5.8.1 (Previous test)

	Box 7 Key Related Security					
Differs	1	2	3 / B	4 / S	5 / G	6
No	100	300	15,000	30,000	30,000	100,000
133100	P	P	P	P	P	P

Minimum numbers of moveable detainers as required by EN 1303 cl. 5.8.2 (Previous test)

	Box 7 Key Related Security					
Detainers	1	2	3 / B	4 / S	5 / G	6
No	2	3	5	5	6	6
10	P	P	P	P	P	P

Carry out check on the direct coding on key in accordance with EN 1303 cl. 5.7.4 (Previous test)

	Box 7 Key Related Security					
Coding	1	2	3 / B	4 / S	5 / G	6
	Yes	Yes	Yes	No	No	No
NO	P	P	P	P	P	P

Carry out an operation (interpassing) test to EN 1303 cl.5.8.5
Box 7 Grades 1-3 only (Previous test)

Cylinder	PASS/FAIL
1	Pass

Carry out Durability testing on the cylinders to EN 1303 cl 5.3 (Previous test)

	Box 2 Durability		
Grade	3	4	5
		B S G	
Cycles	25,000	50,000	100,000
Cylinder 1		Pass	
Cylinder 2			

Carry out an operation (interpassing) test to EN 1303 cl.5.8.5
Box 7 Grades 4-6 only (Previous test)

Cylinder	PASS/FAIL
1	Pass
2	Pass

Carry out key strength operation to EN 1303 cl. 5.2 (Previous test)

Torque	PASS/FAIL
2.5Nm	
Cylinder 1	Pass
Cylinder 2	Pass

Carry out a resistance to drilling attack using HSS drill bits in accordance with EN 1303 cl. 5.9.1

Box 8 Attack Resistance				
Drilling Time (min)	Opened Y/N	0 B	1 S	2 G
			3/5	5/10
Cylinder 3				Pass
Cylinder 4				Pass

Carry out a force resistance to plug/cylinder extraction to EN 1303 cl. 5.9.4 (Previous test)

Box 8 Attack Resistance				
Time min	Opened Y/N	0 B	1 S	2 G
			3	5
Cylinder 7				Pass
Cylinder 8				

Extraction screw pulled out of plug at 8.3kn

Cylinders 9, 10

Carry out torque resistance of plug/cylinder to EN 1330 cl 5.8.6 (Previous test)

	Box 7 Key Related Security					
Torque	1	2	3 B	4 S	5 G	6
Nm	2.5	5	15	15	15	15
Cylinder 9	P	P	P	P	P	P
Cylinder 10						

Summary

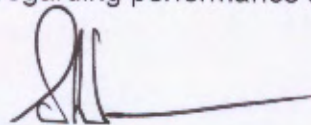
The following results were obtained for the Cylinder when submitted for evaluation to SS 312.

Requirement	Sold Secure Grade
Durability	Gold
Key Strength	Gold
Differs	Gold
Minimum number of moveable retainers	Gold
Direct coding on key	Gold
Drilling with HSS bits	Gold
Force to plug/cylinder extraction	Gold
Torque to the plug/cylinder	Gold
Torque to the plug/cylinder	Gold
GVA test on Cylinder (Gold Only) *	Pass
Overall Sold Secure Rating	Gold

* See separate report for GVA element of test

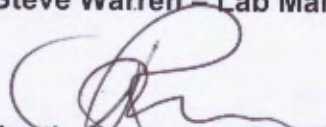
No inferences can be made regarding performance against other requirements of this standard

Test performed by:



Steve Warren - Lab Manager

Report authorised by:



Justin Freeman - Technical Manager

Date:

REPORT ENDS