



財團法人金屬工業研究發展中心
機械測試實驗室

40768 台中市工業區 37 路 25 號 TEL : (04)23502169
Metal Industries Research & Development Centre
Mechanical Testing Laboratory
No.25, 37th Road, Industrial Park, Taichung City 40768, Taiwan (R.O.C.)



Date : 2023/08/21
Accreditation No. : 112TD0821-048-C01

Certificate of Conformance for Freight Container Mechanical Seal Testing
Seal Classification: High Security Seal

Customer :
LEGHORNGROUP S.R.L.
34/36, VIA DEGLI ARROTINI 57121 LIVORNO, ITALY
Name of Article: NEPTUNESEAL RFID ANTITAMPER
Type: BOLT SEAL
Serial No. : 0002396~0002421
Specification No. : ISO 17712:2013(E)
Test Dates : 2023/08/15~2023/08/21

MIRDC, Certifies that 26 samples, 5 for each test and 1 for measurements, of the seal referenced above were subjected to the following tests.

Test Item	Section Number	Classification
Evidence of Tampering (Minimum Diameter)	4.1.3	Pass
Tensile Test	5.2	High security seal (H)
Shear Test	5.3	High security seal (H)
Bending Test	5.4	High security seal (H)
Impact Test room temp	5.5	High security seal (H)
Impact Test reduced temp	5.5	High security seal (H)

Remarks : As per ISO17712:2013(E) Clause 5.1.2 “Testing is to be done once every two years”.
Therefore, this report expires two years from the test completion date.

Results : The above listed tests were completed with no discrepancies noted. Refer to test report number M0807048-T01 for complete details.

The test results contained herein pertain only to the specimens listed in this report. This report shall not be reproduced, except in full, without the written approval of MIRDC

Approved Signatory : CHIANG, Ching-Liu	
Engineer : SU, Yuan-Da	

