TEST REPORT

Title
N° P254755/0001-V1 – Date of issue : 27/11/2025
Cancels and replaces : /

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Applicant reference

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Order reference: BON DE COMMANDE LNE N°1 du 23/10/2025
Order date: 23/10/2025

Performed tests

Testing of opening/closing cycles on an individual soundproofing pod door.
Reference document(s): /
Date of tests : From 17/11/2025 to 27/11/2025

Samples submitted for testing

Individual soundproofing pod with integrated workstation
Details about samples are given in page 2

Conclusions

At the end of the test (50,000 opening and closing cycles), no breakage, friction noise, or parts detaching were observed.

Test officer

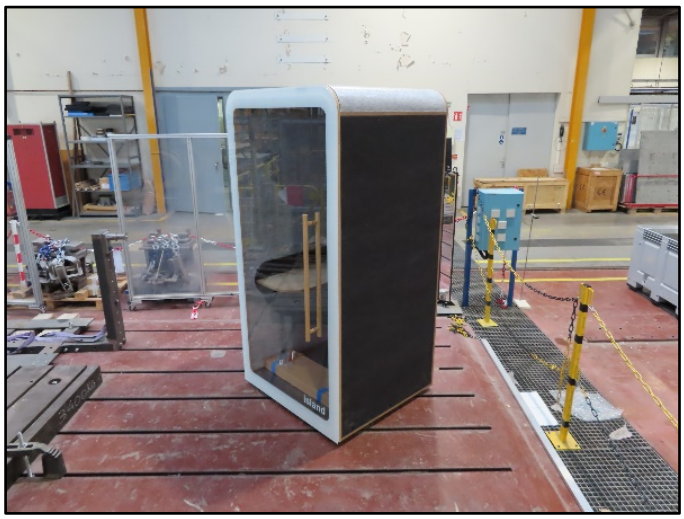
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Date: 27/11/2025 15:42:41

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1. DESCRIPTION OF SAMPLES SUBMITTED FOR TESTING

LNE reference	Description	Reference	Manufacturer	Receipt date
LNE2025021278	Individual soundproofing pod with integrated workstation	DESK 300mm reinforcements Plywood frame / side and back walls plywood strips 67mm thick side walls 114mm thick back walls	DENIS INDUSTRIES	05/11/2025





The Individual soundproofing pod before test

2. TESTS PROGRAM

To perform Opening/closing cycle test on a complete individual soundproofing pod door. The following procedure was used:

- Push and pull the door by its handle.
- The handle must be held on zone localized at two-thirds of its height.-
- The cycle duration must be 10 seconds per cycle.
- The opening angle must be at least 90°.
- 50,000 cycles must apply.

The test was stopped at 6,000, 12,000, and 25,000 cycles to allow WWI to inspect the condition of their individual soundproofing pod door.
The individual soundproofing pod door was assembled and dissembled by WWI.

3. TESTS EQUIPMENT

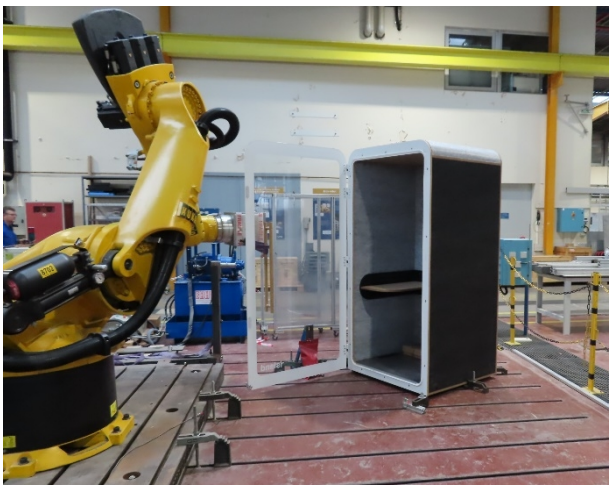
Robot, 6 Axis; ref. LNE1062480.

Automaton; ref.LNE1057044.

Chronometer JAR-CHRO01, ref. LNE2000543; check to 30 January 2024, next check January 2029.

4. TEST METHOD(S)

Preparation of test:
The individual soundproofing pod was assembled by WWI next to the LNE robot.
LNE installed stops under the feet of the individual soundproofing pod to prevent it from sliding on the floor during testing.
LNE installed a stop to prevent the individual soundproofing pod door from opening fully during testing.
LNE programmed the robot to follow the trajectory of the door handle, with speed and acceleration adapted to the door to meet the required cycle time and avoid collisions.
LNE connected the end of the robotic arm to the handle of the individual soundproofing pod door using a strap.
LNE adds an automated system with a sensor to monitor the passage of the door, in order to supervise the tests and evaluate whether the door always follows the movements dictated by the robot.



Test setup

Test:
During the test LNE has checks the time of cycles (duration of cycles measured between 9 and 10 s).
When the The test was stopped at 6,000, 12,000, and 25,000. The straps between the robotic arm to the handle of the individual soundproofing pod door, was removed so that the door would be free, during the checks carried out by WWI.

5. RESULTS

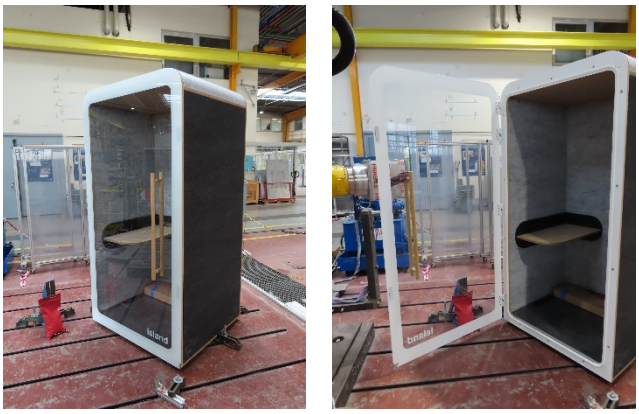
At 6,000 cycles and 12,000 cycles, the door was able to remain open by a few degrees.



The door remained ajar by a few degrees

The individual soundproofing pod and its door withstood 50,000 cycles without breakage, friction noise, or any parts detaching.

After testing, the door remains functional.

BEFORE TEST	AFTER TEST
	

At the end of the test and last checks, WWI dismantled the individual soundproofing pod and its door.

6. ADDITIONNAL CLAUSES

The results that are quoted are only applicable to the sample, the product or material submitted to LNE and which is fully described in this document.

If applicable:

- Conformity is declared only if the measurement result is within tolerance zone.
- Data provided by the applicant are indicated by the symbol (D). The validity of the results indicated by the symbol (D) may be affected by the information provided by the applicant. For these results, LNE's responsibility is limited to its contribution to their elaboration.
- Tests carried out by a subcontractor are indicated by the symbol (S).