

ANNUAL PERIODIC CONTROL PROCEDURE

02/09/2025

The functioning of E-PREDICT can be controlled using the tester provided by HDSN **only within the first 30 minutes of operation after each start-up → test alarm.**

It is important to use only the tester supplied by HDSN to perform this check.

HDSN disclaims responsibility for tests conducted with products non-validated by HDSN.

PROCEDURE



The periodic control procedure is as follows:

1. Restart E-PREDICT by powering it off and then on again. Verify that the LED lights up steady green.
2. Hold the tester **vertically (output facing upward)** at a distance of **10 cm below the air inlet** of E-PREDICT.
3. Spray the mist for **one second**, ensuring the flow is directed towards the air inlet of E-PREDICT.
4. Visually confirm that the mist properly reaches the fan opening of E-PREDICT.
5. **Repeat the spray 6 times**, spacing each injection by **10 seconds** (maximum 12 seconds).
6. Check whether the LED changes its state within **30 seconds** after the end of the test.
7. Confirm that the alarm is received within a **maximum of 5 minutes** in the supervision system or visual/audible alarm after the end of the test.

RESULTS

If the E-PREDICT LED matches the states described in the procedure, the annual periodic check is considered validated.

The LED and the dry contact of the E-PREDICT must change state at the end of the test. This type of test should be performed during installation and periodically thereafter. The main objective is to ensure that E-PREDICT alarms are correctly displayed on the supervision system.