

Terms & Conditions for Room Integrity Test (Door Fan Test)

1. Scope of Work

Lichfield Fire and Safety Equipment FZE will conduct a Room Integrity Test (Door Fan Test) to determine the enclosure's ability to maintain the extinguishing agent concentration for the required hold time, in accordance with applicable standards such as NFPA 2001 / ISO 14520. The test will be conducted to predict the agent retention time within the designated protected areas without discharging the fire suppressant agent.

2. Client Responsibilities

The Client shall ensure that the room is fully completed, HVAC systems are operational, all penetrations are sealed, power supply is available, and access is provided.

3. Site Conditions

- Testing shall be carried out under normal conditions. The room must be free from construction activity and obstructions.
- **Initial Test:** The Room Integrity Test shall be performed during a single visit.
- **Client Responsibility for Preparation:** It is the Client's responsibility to ensure that the room is properly prepared and airtight before the test. This includes:
 - Ensuring that perimeter walls extend from floor to ceiling or roof.
 - Sealing all intentional and unintentional openings (e.g., leaks and hardware items).
 - Checking and ensuring that dampers on all ducts are operational.
- **Retests:**
 - If the test fails due to insufficient room preparation, leakage, or any other reason, a retest will be required.
 - A retest performed on the same day as the initial test may be conducted at no additional charge.
 - If a retest requires a separate or additional site visit, it will be considered a new test and will be subject to an additional fee as per a new quotation.
- **Personnel Presence:** All concerned authorities and personnel, including representatives from the Client, the consultant, and the owner, should be present during the test.

4. Limitations

The test is non-destructive and based on fan pressurization. Results depend on the room condition at the time of testing.

Equipment Limitations: Our test equipment includes a door frame with a maximum height of 2.7 meters and a maximum width of 1.5 meters. The Client is responsible for ensuring that the selected doorway is suitable for the equipment. If a door to be tested exceeds this height, the Client is responsible for providing the necessary door frame or an alternative sealing method.

5. Test Results

A detailed report will be provided, including leakage, hold time, and pass/fail status.

6. Site Access, Preparation & Retesting

Permits and Access: All necessary permits, site access passes, and other required permissions for our team to enter and work on-site shall be arranged and provided by the Client.

Safe Working Environment: The Client must provide a safe working environment, including a stable electricity supply at each test location.

Assistance with Equipment: The Client shall provide personnel to assist with the hauling, relocation, and setup of our equipment as needed.

System Shutdown: The Client must ensure that the HVAC system, building air handlers, and any major air-circulating fans are shut down during the test.

Fire Alarm System: The Client is responsible for ensuring that the fire alarm system is disconnected during the test to prevent accidental agent discharge.

- Retesting due to failure or site unpreparedness will be charged additionally.

7. Safety & Liability

- Lichfield is not liable for pre-existing defects or damages due to weak structures.
- **Our Team's Safety Gear:** Our team will arrive with the necessary safety gear. Please inform us in advance if there are any specific safety rules on your site.
- **Client's Responsibility for Site Safety:** The Client is responsible for providing a safe site for our team. All tools, especially lifting equipment, must be in good working order and have valid safety certificates.

8. Access & Permissions

The Client must arrange all permits and access prior to testing.

9. Schedule & Delays

- **Working Hours:** The services will be performed during standard daytime working hours unless otherwise agreed upon in a separate quotation for nighttime work.
- **Test Duration:** The tentative time required for each test is approximately 60 to 120 minutes.
- **Report Submission:** Test reports will be submitted to the Client within a maximum of 24 hours after completion of the test.
- Delays due to client-side issues may result in additional charges.

10. Payment Terms

Pricing Basis: Prices are based on the agreed-upon scope of work. We reserve the right to revise prices in the event of any changes, reduction, or cancellation of the agreed scope.

Payment shall be as per the quotation. The report will be released after full payment.



11. Validity of Test Results and Submission

Room Integrity Test results are valid only at the time of testing and under the site conditions present during execution.

Any alterations or modifications to the enclosure, including sealing works, openings, closures, or new penetrations, may invalidate the test results and necessitate re-testing.

Once all pre-test requirements have been completed and verified, the submission shall remain valid for a maximum period of five (5) days, ensuring that testing is conducted under consistent and unchanged site conditions.

12. Acceptance

By signing below, both parties agree to the above Terms & Conditions.

CLIENT ACKNOWLEDGEMENT

I have read, understood, and agreed to the terms and conditions outlined above.

For Lichfield Fire and Safety Equipment FZE

Name: _____

Designation: _____

Signature: _____

Date: _____

For Client

Name: _____

Designation: _____

Signature: _____

Date: _____

Company Stamp: _____

Company Stamp: _____