



Fire Door Survey Description

At **3CO Fire Protection**, we provide two levels of **Fire Door Surveys: Non-Intrusive** and **Intrusive**. The appropriate survey level will depend on the condition, construction, accessibility and requirements of the fire door set.

Non-Intrusive Fire Door Survey

A non-intrusive survey is a detailed **visual assessment of the accessible elements of a fire door**, carried out without removing components such as architraves or ironmongery.

Our surveyors assess the condition, operation and installation of the visible components, including:

- Fire door, frame and hardware
- Hinges and other ironmongery
- Self-closing devices
- Locks and latches
- Cold smoke seals
- Intumescent strips
- Fire door signage
- Vision panels and glazing
- Fire door identification markings
- Hold-open devices, where applicable
- Overall condition of the fire door set
- Visible gaps and alignment

The purpose of the survey is to identify visible defects, damage or deficiencies that could affect the fire door's intended performance.

A non-intrusive survey cannot confirm the condition of concealed components or materials behind the architrave. The survey report will therefore identify these limitations and make recommendations where further investigation may be appropriate.

Intrusive Fire Door Survey

An intrusive survey includes the checks undertaken during a non-intrusive survey, together with additional inspection of concealed or inaccessible elements of the fire door set.

Where necessary and agreed, architraves or other components may be carefully removed to allow inspection of:

- Linear gap seals
- Intumescent protection
- Frame construction and installation
- Concealed components
- The installation and condition of relevant fire-stopping materials

Intrusive surveys can provide a **more comprehensive assessment of the fire door set**, particularly where the condition or installation of concealed components cannot otherwise be verified.

Any removal of components will be undertaken carefully and with the aim of minimising disturbance. Any damage or making-good requirements identified as a result of the survey will be recorded and addressed as agreed.

Survey Findings and Recommendations

Following either type of survey, 3CO will provide a report detailing the condition of the fire door sets, defects identified, areas requiring attention and any recommended remedial actions.

Where defects are identified, appropriate remedial work will be recommended to help restore the fire door set to an effective condition.

The survey provides an assessment of the condition of the fire door at the time of inspection. It does not, by itself, constitute certification that a fire door set will achieve a particular fire-resistance rating unless supported by appropriate evidence, test data or certification.

Choosing the Right Survey

A **Non-Intrusive Fire Door Survey** is suitable where a visual assessment of accessible components is required.

An **Intrusive Fire Door Survey** may be recommended where there is a need to investigate concealed construction, verify linear gap seals or establish information that cannot be confirmed through visual inspection alone.