



Inspection Type Description

3CO Conducts two types of Fire Door Inspections. Non-Intrusive and Intrusive so what is the difference?

Non-Intrusive

A non-intrusive Fire Door Inspection is a visual check without removal of any Fire Door set components. This level of check means we are only able to check the outside without dismantling the door set and potentially causing any damage, whilst still ensuring a comprehensive check to ensure the functionality and safety of the Fire Door.

Overall our **non-intrusive** Fire Door visual inspections include;

A thorough visual examination of each individual door set and an assessment of the Fire Door components including;

- Fire Door hinges and all Fire Door hardware – Operation of hinges and hardware including the installation and condition
- Fire Door closing devices
- Locks and latches
- Cold smoke seals
- Intumescent strips
- Fire Door signage
- Vision panels and glazing
- Fire Door markings indicating the fire rating and data of the door set
- Hold open devices
- Overall condition of the Fire Door set

The purpose of the check is to identify any damage or failings that may compromise the Fire Door's fire resistance. Should the inspection identify any concerns then remedial work can be carried out to ensure the Fire Door's functionality and safety in the event of a fire by reducing the spread of smoke and flames and providing occupants with additional time to escape or be rescued by emergency services.

Regular inspections are of paramount importance not only to comply with your legal obligations but to ensure maximum effectiveness to save lives and protect property in the event of a fire.

The results of a non-intrusive Fire Door inspection are limited as the results of what protection is behind the architrave are unknown, this will be reflected in the report as a caveat.

Should you choose to have a 3CO Fire Door inspection or opt for one of our ongoing maintenance plans, you will be issued with a Fire Door Inspection Proposal that will confirm which type of inspection you require.

Intrusive

An intrusive Fire Door inspection includes all visual checks inspected on a non-intrusive inspection however, intrusive inspections include the careful removal of architraves and ironmongery to check for intumescent protection and linear gap seals. Any damage would only be caused to architraves and aesthetics (any damages will be rectified immediately following the inspection).

One of the main benefits of an intrusive inspection is a more comprehensive and accurate report of your Fire Doors linear seal capabilities. The correct installation of a Fire Door linear seal is a major contributor to the overall performance of the Fire Door set and should always be carried out in accordance with the Fire Door set data sheet.

Photographic evidence can only be proven following the removal of architraves (intrusive inspection) or upon receipt of the Fire Door set previous installation/inspection report (Golden Thread) of a qualified 'competent' Installer/Inspector.

Overall our **intrusive** Fire Door visual inspections include;

A thorough assessment of each individual door, frame, hardware and the Fire Door components including;

- Fire Door hinges, hardware and markings – Operation of hinges and hardware including the installation and condition
- Fire Door closing devices
- Locks and latches
- Cold smoke seals
- Intumescent strips
- Fire Door signage
- Vision panels and glazing
- Fire Door markings indicating the fire rating and data of the door set
- Hold open devices
- Overall condition of the Fire Door set

Additional further checks include;

- Linear gap seal
- Validation of hardware performance and that intumescent protection is present

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