READY TO INSPECT — STANDARD FIELD GUIDE

NFPA 80 & 105

National Fire Protection Association

NFPA 80 governs fire door assemblies and NFPA 105 the smoke and fire dampers that keep a rated barrier intact where doors and ducts pass through it. Both come down to the same field question: is the assembly labeled, complete and free to do its job when it is called on. The inspection observes and documents; a defect closed behind a finish is the one that survives to the next annual.

What it covers

- Labeled fire door assemblies: leaf, frame, hardware and glazing as a listed set
- Clearances at the door edges and undercut, and the condition of the label itself
- Self-closing and positive-latching operation of the door
- Fire and smoke damper installation in rated walls, floors and ducts
- Damper actuation: fusible links and actuators that release and reseat

What a field inspection looks at

- Photograph the door and damper labels legible; an unlabeled or painted-over assembly is a finding, and the shot is the proof.
- Edge and undercut clearances shown against a scale in frame rather than called acceptable in a note.
- Door tested for self-closing and latching from the open position, with the closed-and-latched result documented.
- Damper access panel located and photographed, and the fusible link or actuator captured so its condition and reseating can be judged.
- Field modifications (surface-mounted hardware, kick plates, hold-opens) flagged where they fall outside the assembly's listing.

Adoption varies by jurisdiction. Confirm the edition your authority having jurisdiction enforces before you run a walk against it.