

Fire alarm rough-in inspection checklist

Fire alarm rough-in is the last time the work is fully visible. Once the cover inspection passes and the walls, ceilings and slabs close, every defect left behind becomes a demolition bill. This checklist walks the rough-in in the order the work goes in, with the photo each item needs before it gets buried. Work is commonly verified against NFPA 72, the applicable building code. Confirm the edition your authority having jurisdiction has adopted.

Who runs it: The fire alarm foreman walking their own rough-in, or the GC's superintendent at the pre-cover hold point. When: After back boxes and conduit are set and the circuits are pulled, before insulation, drywall and ceiling grid close in and before the rough-in inspection is called.

Boxes and conduit

- ☐ **Back boxes secured, square and at the correct depth**
Box firmly mounted to framing and set to the finished wall or ceiling surface, no crushed or over-deep boxes at pulls, horns and strobes. **2 photos required**
- ☐ **Conduit and sleeves supported and roughed to the device layout**
Raceway supported at the required intervals, stub-ups and sleeves landing at the device and panel locations on the plan. **1 photo required**

Wire type and separation

- ☐ **Circuit cable is the specified type and gauge**
Cable jacket marking matches the type and gauge the design calls for on initiating, notification and signaling circuits. **1 photo required**
- ☐ **Fire alarm wiring separated from line-voltage circuits**
Signaling conductors kept out of raceways and boxes shared with power, separation held where they run parallel. **2 photos required**

Mounting heights

- ☐ **Device rough-ins set to the required mounting heights**
Strobe, horn, pull-station and manual-station boxes checked against the mounting height for that device before the finish covers them. **2 photos required**