

1 / 12 · Plan and Coordinate Work

On an inspection and testing job where the fire alarm controls other building systems, what do you settle before touching any device?

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What is a test boundary for an interface, and when is it chosen?

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In practice, what should a written test plan for an interfaced system name?

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Who is responsible for having a fire alarm system inspected, tested and maintained?

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Who decides whether the elevators can be taken out of normal service for a recall test?

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Mid-test, you find a door release relay that is not on the work order. What is the right response?

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The point where your test stops proving operation, such as a fan proven off at its starter versus a relay contact proven to change with the fan not run. It is chosen and written down in the plan before testing, never decided halfway through.

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The scope: exactly what is being tested and where the test stops at each interface. Confirm it from the contract or work order and write it into the test plan first.

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The owner or the owner's designated representative. The technician carries out the work on the owner's behalf.

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The systems in scope, the devices and outputs to be tested, the test method, who will be present, and what will be disabled or bypassed and how each item is restored.

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Do not test it on the spot and do not ignore it. Record it, tell the owner's representative, and add it to the plan with their agreement before it is operated.

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The owner, through the owner's representative. The technician proposes the downtime in the plan but does not make that call.

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Name the records worth pulling before a site visit to an interfaced system.

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The drawings are where a device survey starts. Why are they not where it finishes?

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What four things should each line of a good survey list record?

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During a survey, which equipment should you flag as belonging to other trades?

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Three code editions can be relevant on one job. What are they?

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A system was installed under an older edition. Which edition sets its periodic test frequencies and methods?

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Buildings change between visits: new tenants, moved walls, new ceilings and added equipment. Only a walk of the site shows what is really installed now.

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The record of completion and any revisions, record drawings and the sequence of operations, the last inspection and test report with open deficiencies, sensitivity records, battery dates and last load test, and the panel programming report.

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Elevator controllers, smoke dampers and fans, releasing panels and suppression equipment, and ERCES equipment. Note who owns each, because they will need to be present when it is operated.

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The device's address or circuit, its location, what it should do, and what you will use to prove it did it.

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The edition the AHJ enforces now. The inspection, testing and maintenance chapter applies to existing systems, although the system's layout is not redesigned to match the newer edition.

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The edition the AHJ has adopted and enforces, the edition the system was installed under, and the edition used on the exam.

NFPA 72-2022 14.1; local code adoption

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