

INSPECTION AND TEST PLAN — FIRE SYSTEMS

Hangers before enclosure, hydrostatic tests witnessed, every vent and every cause-and-effect line demonstrated

PLAN — ONE PER PACKAGE

KD-ITP-FS-015 Rev A0

An inspection and test plan is the list of what will be inspected or tested at each stage of this package, against what acceptance criterion and how often, who holds the work, witnesses it, keeps it under surveillance or reviews the record, and which record proves it. On an active fire package the hydrostatic and hydraulic tests are witnessed before the pipework is enclosed, and every vent, curtain and cause-and-effect line is demonstrated with the real fire alarm — the certificate at the end is only as good as the witness signatures behind it. The stages below are the ones the area checklists cover, so the R column points to a sheet that exists — the KD-QA sheets are the records; the package cover sheet KD-QA-SYS-001 is the cover the client signs with the register of sheets raised under it; this is the plan behind both. Where this plan exists, section 3 of KD-QA-SYS-001 (and of KD-QA-PD-100 for decoration) is completed as "see this plan" and the letters are agreed here, so nothing is agreed twice. Nothing on this sheet is an acceptance value: the specification reference and the criterion are written in from the specification, and H, W, S and R are agreed with the client before the first stage starts. A failed hold raises KD-QA-SYS-007 and the line stays open until it is re-inspected.

1 PACKAGE

PROJECT / SITE REF	SITE	DATE	PACKAGE / SUBCONTRACTOR	PLAN PREPARED BY
SPECIFICATION, DRAWINGS AND REVISIONS THIS PACKAGE IS BUILT TO	PRINCIPAL CONTRACTOR'S REVIEWER	CLIENT'S REPRESENTATIVE	NOTICE FOR H AND W POINTS	PLAN REV

2 THE PLAN — ONE LINE PER STAGE, IN THE ORDER THE WORK IS BUILT

H hold — work stops until released · W witness — notice given, work proceeds if they do not attend · S surveillance — checked without stopping the work · R review of the record only. One letter per party per line; a blank means that party takes no part in the stage.

NO	STAGE / ACTIVITY	SPEC REF	INSPECTION OR TEST	ACCEPTANCE	FREQUENCY	SUB	PC	CLIENT	RECORD REF	SIGN-OFF
1	Materials on site		Products as the design; certificates on file		Each delivery				KD-QA-FS-001	
2	Sprinkler hangers - before enclosure		Type, spacing, fixings		Each area				KD-QA-FS-001	
3	Heads and pipework		Positions, spacing, clearances		Each area				KD-QA-FS-001	
4	Hydrostatic test - witnessed before enclosure		Pressure held for the specified period		Each section				KD-QA-FS-001	
5	Water supply, flow and alarm tests		Flow, pressure and alarm - witnessed		Each system				KD-QA-FS-001	
6	Riser installation - before enclosure		Pipe, supports, valves, cabinets		Each riser				KD-QA-FS-002	
7	Riser hydraulic test - witnessed		Test to the specified pressure and period		Each riser				KD-QA-FS-002	
8	Inlets, outlets, cabinets and signage		Positions, locks, signs		Each riser				KD-QA-FS-002	
9	Smoke vents, AOVs and curtains installed		Fixings, seals, actuators		Each unit				KD-QA-FS-003	
10	Functional tests - every unit		Open, close and timings - witnessed		Each unit				KD-QA-FS-003	
11	Cause-and-effect with the fire alarm		Every line demonstrated - witnessed		Each system				KD-QA-FS-003	
12	Suppression enclosure and installation		Room integrity, cylinders, nozzles		Each room				KD-QA-FS-004	
13	Suppression functional test - no discharge		Detection, release circuit, alarms		Each system				KD-QA-FS-004	
14	Completion certificates and handover		Certificates, as-built drawings, O&M		Per package				KD-QA-FS-001 to 004	

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continued

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3 SIGN-OFF CHAIN

The subcontractor prepares the plan from the specification and the sequence it will build to. The principal contractor's reviewer accepts it: the stages are complete, every record named exists, and every hold falls before the work it protects is covered. The client's representative agrees the H, W, S and R columns and the notice period. A line is closed in the last column by the party holding the highest intervention on it; the area checklists carry the signatures for the checks themselves. Revise and re-sign when the specification, the sequence or the subcontractor changes.

Prepared by — subcontractor:

PRINTED NAME	ROLE	COMPANY	SIGNATURE	DATE	TIME

Accepted by — principal contractor's reviewer:

PRINTED NAME	ROLE	COMPANY	SIGNATURE	DATE	TIME

Agreed by — client's representative:

PRINTED NAME	ROLE	COMPANY	SIGNATURE	DATE	TIME

R REVISION HISTORY

Every revision of this document, and every review that found nothing to change. The revision on the front of this sheet is the one you are holding — check kubitdocs.com for the current one before use.

Rev	Date	Class	What changed	Authorised by
D0	2026-09-02	first-issue	First issue.	— not yet approved —
A0	2026-09-02	review	Approved for issue by the author. Content unchanged from the reviewed draft; the draft status strip is removed. No independent third-party review has been carried out.	Author — director, UK principal contractor, SMSTS. Not an independent review.

Class: first-issue · material (the law, a control, a field or the scope changed — past buyers are notified) · editorial (wording or layout only) · review (checked, nothing changed) · withdrawal. Revision prefix D = draft, not approved and not for sale; A = approved for issue by the person named, on the date shown.