

DRY AND WET RISERS — QUALITY INSPECTION CHECKLIST

QUALITY — ONE PER AREA

Firefighting rising mains to BS 9990 · pipework and outlets before enclosure, hydraulic test witnessed, inlets, outlets and signage,...

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How this sheet works: the subcontractor ticks and initials each point as the work is checked. ONE named reviewer — the principal contractor's site manager or quality manager — releases every HOLD POINT on this sheet, all the way to completion. The client, contract administrator or clerk of works signs once, at the end. A stack of these signed at a desk is not evidence — every hold point needs a reading, a photo reference and a date. Issue with the activity RAMS.

1 WHERE — A STRANGER MUST BE ABLE TO FIND THIS AREA FROM THIS SHEET IN FIVE YEARS

BLOCK / BUILDING	LEVEL / FLOOR	RISER / STAIR CORE	GRIDLINES	DRAWING AND REVISION
PROJECT / SITE REF	SITE	SPEC CLAUSE / SCHEDULE	SUBCONTRACTOR INSPECTOR	REVIEWER — RELEASES THE HOLD POINTS

2 THE SPECIFIED SYSTEM — FROM THE SPECIFICATION AND THE DRAWINGS, NOT FROM MEMORY

RISER TYPE	LANDING VALVE FLOORS AND POSITIONS (DRAWING REF)	INLET BREECHING POSITION AND ACCESS FOR THE APPLIANCE
HYDRAULIC TEST PRESSURE AND DURATION SPECIFIED	WET RISER — PUMP, TANK AND PRESSURE AT THE HIGHEST OUTLET SPECIFIED	

3. Installation — before enclosure

HOLD POINT

Pipe material, size and jointing to the specification; supports at the spacing the standard and the specification require and fixed to the structure — largest gap recorded

BS 9990 · Spec

Pipework earthed as the standard requires; drain valve at the lowest point and automatic air release at the highest

BS 9990

Riser enclosed in the fire-resisting construction the fire strategy requires, with the outlets in the protected lobby or stair positions the drawing shows

Approved Document B

LARGEST SUPPORT GAP FOUND (M)	PHOTO REFS					
RESULT	Pass	Fail	N/A	NCR REF IF FAIL	PHOTO REF(S)	Date/time on photo
SUB SELF-CHECK — INITIALS	DATE	HOLD RELEASED BY THE REVIEWER — SIGNATURE			TIME	DATE

4. Hydraulic test — witnessed

WITNESS

Riser tested at the pressure and for the duration in section 2 with every joint and valve visible — readings at start and finish recorded; no leak at any joint or valve

BS 9990 · Spec

Wet riser — pump starts on demand, achieves the pressure at the highest outlet in section 2, and the tank capacity and refill rate match the design

BS 9990

PRESSURE START / END (BAR)	DURATION (MIN)	RESULT		
NCR REF IF FAIL	PHOTO REF(S)	Date/time on photo		
RESULT	Pass	Fail	N/A	
SUB SELF-CHECK — INITIALS	DATE	WITNESSED BY THE REVIEWER — NAME		DATE

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5. Inlets, outlets, cabinets and signage

CHECK & RECORD

- Landing valves at the height, orientation and position in section 2, strapped and padlocked as the standard requires, in cabinets with the specified glazing and labelling

BS 9990
- Inlet breeching at the drawing position, within the distance of the appliance hardstanding the fire strategy states, with its cabinet, drain and signage

BS 9990 · Drawing
- Signage at every inlet and outlet as the standard requires and legible; keys held where the fire strategy says

BS 9990

LANDING VALVES FITTED / ON DRAWING

RESULT

Pass

Fail

N/A

NCR REF IF FAIL

PHOTO REF(S)

Date/time on photo

SUB SELF-CHECK — INITIALS

DATE

6. Certificate and handover

HOLD POINT

- Test certificate signed by the installer and the witness naming the riser, the pressure and the duration; the fire and rescue service witnessed or notified where the fire strategy requires it — reference recorded

BS 9990
- Every snag and non-conformance below closed and re-checked by someone other than the person who fixed it; records filed with the building's fire safety information

Practice

CERTIFICATE REF

FIRE AND RESCUE SERVICE WITNESS / NOTIFICATION REF

RESULT

Pass

Fail

N/A

NCR REF IF FAIL

PHOTO REF(S)

Date/time on photo

SUB SELF-CHECK — INITIALS

DATE

HOLD RELEASED BY THE REVIEWER — SIGNATURE

TIME

DATE

7 SNAGS FOUND IN THIS AREA — MINOR DEFECTS FIXED AND RE-CHECKED ON THE SHEET

A snag is a defect the trade puts right and someone else re-checks. Anything that fails an acceptance criterion outright, or cannot be fixed in the area, is a non-conformance and goes in the next section instead.

NO.	WHERE (ELEMENT / POSITION)	DEFECT FOUND	FIXED BY / DATE	RE-CHECKED BY / DAT...	OK?

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8 NON-CONFORMANCES FOR THIS AREA — ONE BLOCK PER NCR; CLOSED BY SOMEONE OTHER THAN THE FIXER

NCR 1 — REFERENCE	POINT	OWNER (NAMED PERSON)	DUE	STATUS

WHAT WAS FOUND — AGAINST WHICH ACCEPTANCE CRITERION; WHERE; EXTENT

CORRECTIVE ACTION, AND WHAT STOPS IT HAPPENING AGAIN

FIXED BY / DATE	RE-INSPECTED BY (NOT THE FIXER) / DATE	PHOTO REF(S)

NCR 2 — REFERENCE	POINT	OWNER (NAMED PERSON)	DUE	STATUS

WHAT WAS FOUND — AGAINST WHICH ACCEPTANCE CRITERION; WHERE; EXTENT

CORRECTIVE ACTION, AND WHAT STOPS IT HAPPENING AGAIN

FIXED BY / DATE	RE-INSPECTED BY (NOT THE FIXER) / DATE	PHOTO REF(S)

NCR 3 — REFERENCE	POINT	OWNER (NAMED PERSON)	DUE	STATUS

WHAT WAS FOUND — AGAINST WHICH ACCEPTANCE CRITERION; WHERE; EXTENT

CORRECTIVE ACTION, AND WHAT STOPS IT HAPPENING AGAIN

FIXED BY / DATE	RE-INSPECTED BY (NOT THE FIXER) / DATE	PHOTO REF(S)

9 PHOTO LOG — WHAT EACH PHOTO REFERENCE SHOWS

PHOTO REF	POINT	WHAT IT SHOWS (LOCATION, ELEMENT, READING VISIBLE)	DATE / TIME	TAKEN BY

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10 NOTES FOR THIS AREA

ANYTHING THE NEXT PERSON NEEDS TO KNOW — AGREEMENTS, DEVIATIONS FROM THE SPECIFICATION, ACCESS LIMITS, ITEMS CARRIED TO THE NEXT VISIT

11 RELEASE

The reviewer confirms every hold point on this sheet was released and every snag and non-conformance is closed; the client, contract administrator or clerk of works then signs once. This sheet goes in the handover file with the photos it references.

Subcontractor — work complete and self-checked:

PRINTED NAME	ROLE / POSITION	COMPANY	SIGNATURE	DATE	TIME

Reviewer — all hold points released, all snags and non-conformances closed:

PRINTED NAME	ROLE / POSITION	COMPANY	SIGNATURE	DATE	TIME

Client / contract administrator / clerk of works — final sign-off:

PRINTED NAME	ROLE / POSITION	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	2026-08-29	first-issue	First issue.	— not yet approved —
A0	2026-08-29	review	Approved for issue by the author. Content unchanged from the 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.