

PRESSURE TESTING — WATER, HEATING AND GAS-FREE SYSTEMS — QUALITY I... QUALITY — ONE PER AREA

Hydraulic and pneumatic tests on closed and open water systems before insulation and enclosure · pressure, duration, drop and... KD-QA-ME-002 Rev A0

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	SYSTEM / TEST SECTION	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

SYSTEM AND SECTION UNDER TEST — EXTENT	TEST MEDIUM SPECIFIED	WORKING PRESSURE (BAR)	
TEST PRESSURE SPECIFIED (BAR)	DURATION SPECIFIED (MIN)	PERMITTED PRESSURE DROP	GAUGE RANGE AND CALIBRATION CERTIFICATE REF

3. Before the test — section isolated and everything visible

HOLD POINT

- Section isolated with blank flanges or capped ends where the specification requires — not on closed valves; every open end capped and every valve position recordedSpec · BS EN 806-4
- Components not rated for the test pressure removed or isolated — safety valves, expansion vessels, instruments, plant coils and regulating valves — and listed belowTDS · Spec
- Every joint exposed and visible — no insulation, no cladding, no enclosure — and the pipework filled and vented at every high pointBS EN 806-4 · Spec
- Pneumatic tests only where the specification allows them and within the pressure limit it sets; area cleared and signed during a pneumatic testPSSR 2000 · Spec
- Gauge calibrated within the period the specification states (certificate reference in section 2) and mounted at the lowest point of the sectionSpec

ISOLATED BY (BLANKS / CAPS) — POSITIONS	COMPONENTS REMOVED OR ISOLATED					
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. The test — witnessed

WITNESS

- Pressure raised in stages to the test pressure in section 2 and held for the full duration — start time, end time and readings recorded, not estimatedSpec · BS EN 806-4
- Pressure drop over the duration within the permitted allowance in section 2, with the water temperature recorded at start and finishSpec
- Every joint, valve gland and fitting walked and inspected under pressure — no weep, no drip, no sweating jointBS EN 806-4
- Witness present for the full duration; a test witnessed at the end only is recorded as not witnessedPractice

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

5. Failed test — what happened

CHECK & RECORD

- Leaking joint depressurised and remade — never tightened or repaired under pressure; the failed joint, its position and the remedy recorded
- Practice
- Section re-tested from the start for the full duration after any repair — a partial re-test is not a test
- Spec

FAILURE — POSITION AND REMEDY

RE-TEST DATE / RESULT

RESULT

Pass

Fail

N/A

NCR REF IF FAIL PHOTO REF(S)

Date/time on photo

SUB SELF-CHECK — INITIALS DATE

6. Certificate and release for insulation and enclosure

HOLD POINT

- Test certificate signed by the installer and the witness naming the section, the pressure, the duration, the drop and the gauge — one certificate per section, filed with this sheet
- Spec
- Reviewer releases insulation (KD-QA-ME-003) and enclosure of this section only against the certificate reference below
- Practice
- Test pressure released safely; system left charged, drained or dosed as the specification states and the state recorded
- Spec

TEST CERTIFICATE REF

SYSTEM LEFT (CHARGED / DRAINED / DOSED)

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?

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

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.