

UNDERFLOOR HEATING — LOOPS AND PRESSURE TEST — QUALITY INSPECTIO...

QUALITY — ONE PER AREA

Pipe loops on insulation before the screed · spacing measured, no joints under the floor, pressurised to the test pressure and kep...

KD-QA-ME-007 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	MANIFOLD / ZONE / ROOM	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

MANIFOLD REFERENCE AND LOOPS SERVED	PIPE TYPE, SIZE AND SPACING SPECIFIED (MM)	FLOOR AND EDGE INSULATION SPECIFIED
TEST PRESSURE AND DURATION SPECIFIED	SCREED TYPE AND COVER OVER PIPE (MM)	FIRST HEAT-UP REQUIREMENT

3. Before the loops — floor build-up accepted

HOLD POINT

Floor insulation of the type and thickness in section 2 laid tight-jointed; edge insulation strip continuous around every wall, column and upstand	BS EN 1264-4 · Spec
Damp-proof membrane or separating layer over the insulation as the specification requires, with laps taped; no pipe laid on bare insulation where the specification forbids it	Spec
Manifold fixed at the drawing position and height, with isolating valves, flow meters and air vents fitted	Drawing · TDS
INSULATION THICKNESS MEASURED (MM)	

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. Loop laying

WITNESS

Pipe spacing measured at three points per loop and within the tolerance the drawing states of the value in section 2; loop layout matches the drawing	Drawing
Loop lengths within the schedule maximum; no joints anywhere under the screed — continuous pipe from manifold to manifold	BS EN 1264-4 · Spec
Pipe fixed at the centres the data sheet states, with no bend tighter than the data-sheet minimum radius and no kinks	TDS
Every loop identified at the manifold with the room or zone it serves; sleeved where it passes through the edge insulation and at movement joints	BS EN 1264-4 · Spec
SPACING MEASURED (MM) / LOOPS	LOOP LENGTHS (M) PER SCHEDULE (Y / N)

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. Pressure test before the screed

HOLD POINT

Every loop pressurised with water to the test pressure in section 2 and held for the duration stated, with no drop beyond the allowance — start and end readings recorded

BS EN 1264-4 · Spec

Loops left pressurised at the pressure the specification states throughout the screed pour and its curing period; pressure gauge visible and read daily

BS EN 1264-4

Test certificate signed by the installer and the witness — the reviewer releases the screed only against it

Spec

TEST PRESSURE (BAR) START / ENDDURATION (H)TEST CERTIFICATE REF

RESULT

Pass

Fail

N/A

NCR REF IF FAILPHOTO REF(S)Date/time on photo

SUB SELF-CHECK — INITIALSDATEHOLD RELEASED BY THE REVIEWER — SIGNATURETIMEDATE

6. Screed and first heat-up

CHECK & RECORD

Screed cover over the pipe measured and not less than the value in section 2; no traffic or loading on the loops before the screed is placed

Spec

First heat-up not before the screed age the specification states, ramped as the specification and the screed data sheet require, and logged day by day

BS EN 1264-4 · TDS

COVER MEASURED (MM)FIRST HEAT-UP DATE / SCREED AGE (DAYS)

RESULT

Pass

Fail

N/A

NCR REF IF FAILPHOTO REF(S)Date/time on photo

SUB SELF-CHECK — INITIALSDATE

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.