

# RADIATORS AND INTERNAL METALWORK PAINTING — QUALITY INSPECTION CH... QUALITY — ONE PER AREA

Radiators, pipework, handrails, balustrades and internal steel · rust treatment, primer compatibility, heat resistance · one sheet pe... KD-QA-PD-014 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 | ROOM / ZONE / AREA     | 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 DATA SHEET, NOT FROM MEMORY

|                              |                                      |                                                |                   |
|------------------------------|--------------------------------------|------------------------------------------------|-------------------|
| METAL AND EXISTING CONDITION | SYSTEM — PRIMER / UNDERCOAT / FINISH | FINISH / SHEEN                                 | DATA-SHEET LIMITS |
| COLOUR REFERENCE(S)          | SERVICE TEMPERATURE OF THE ELEMENT   | HEATING ISOLATED AND COLD? (KD-PTW-MI-029 REF) |                   |

### 3. Materials on site

#### HOLD POINT

|                                                                                                                                  |               |
|----------------------------------------------------------------------------------------------------------------------------------|---------------|
| Products, sheen and colours match the specified system (section 2) and the finishes schedule                                     | Spec          |
| Colour checked against the schedule BEFORE application — a wrong colour applied is the applicator's cost, not the manufacturer's | TDS           |
| Batch numbers recorded; ONE batch per area; tinted colour bought in one lot for the whole job including touch-in                 | NBS M60 · TDS |
| Where more than one can of a colour is used in the same area, packs intermixed before use                                        | TDS           |
| Every tin within shelf life; data sheets on site for every product                                                               | Spec          |
| Stored dry and frost-free; frost-damaged material not used                                                                       | NHBC 9.5.3    |

BATCH NUMBERS (PER PRODUCT)

DELIVERY NOTE / GRN 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            |              |                    |

### 4. Surface acceptance

#### HOLD POINT

|                                                                                                                                            |                          |
|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| Heating off and the element cold; radiators taken off the wall where the specification requires backs and wall behind to be painted        | TDS                      |
| Rust removed to a sound surface by the specified method (St 2 / St 3 hand or power tool) and primed the same day with the specified primer | NBS M60 · BS EN ISO 8501 |
| Galvanised steel: degreased and treated with mordant / T-wash or etch primer; aluminium: etch primer — no standard primer on either        | NBS M60 · TDS            |
| Existing sound coatings washed and keyed; defective coatings removed to a firm edge; factory finishes on new radiators lightly abraded     | NBS M60                  |
| Valves, thermostatic heads, vents and escutcheons removed or masked                                                                        | Spec                     |

PREPARATION STANDARD ACHIEVED / METHOD

PRIMER USED AND TIME TO PRIME

|                           |      |                                           |      |                 |              |                    |
|---------------------------|------|-------------------------------------------|------|-----------------|--------------|--------------------|
| 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            |              |                    |

5. Environmental conditions — before coating, every day

CHECK & RECORD

- Air and surface temperature at or above the data-sheet minimum for the product in use (trade emulsions typically 8–10 °C)
- Relative humidity at or below the data-sheet maximum (typically 80 %) during application AND drying
- Surfaces free from condensation; not painted until any moisture on the surface has evaporated
- Adequate ventilation during application and drying; conditions will hold until the coat is dry
- Readings logged — the ambient-conditions log (KD-QA-SYS-006) is kept for the file

TDSTDSNHBC 9.5.4TDSBS 6150 Cl. 10

DATE / TIME      AIR °C      SURFACE °C      RH %      IF OUTSIDE LIMITS — ACTION TAKEN

RESULT      Pass      Fail      N/A      NCR REF IF FAIL      PHOTO REF(S)      Date/time on photo

SUB SELF-CHECK — INITIALS      DATE

6. Priming and undercoat

WITNESS

- Primer compatible with the metal and the finish; full coat to all faces including backs, tops and undersides of pipes
- Undercoat within the recoat window; denibbed

NBS M60TDS

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

7. Benchmark — the first element sets the standard

HOLD POINT

- First radiator / run finished and agreed in daylight from 2 m; recorded on KD-QA-SYS-004

NHBC 9.1.10

BENCHMARK AREA      ROLLER NAP / THINNING / BRUSH USED      AGREED BY (REVIEWER; CLIENT / CA IF REQUIRED)

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

8. Finish coat

HOLD POINT

- Heat-resistant system where specified; full cure before the heating is turned on (per data sheet)
- Even sheen, no runs or misses; pipes coated all round; no paint on valves, heads, vents, floors or walls
- Radiators refitted and re-commissioned; vents and valves working; no paint bridging the bleed valve
- Inspected in daylight from 2 m with no artificial light on the surface

TDSNBS M60 · NHBC 9.5.10SpecNHBC 9.1.10

COATS APPLIED      CURE BEFORE HEATING ON (H)      VIEWING CONDITIONS

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

9. Snagging closed and handover

HOLD POINT

|                                                                                                                                                           |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Every snag (section 13) and non-conformance (section 14) closed and re-checked by someone other than the person who fixed it                              | Practice    |
| Protection removed; area clean; fixtures, fittings and furniture reinstated                                                                               | NHBC 9.5.10 |
| Spare touch-up paint (same batch) and the colour schedule handed over for maintenance                                                                     | TDS         |
| Curing window advised to the client — no wear or pressure-sensitive tape on fresh coatings until the data-sheet cure (often 7–14 days on joinery systems) | TDS         |
| Finished paintwork protected against dirt and damage until handover                                                                                       | NHBC 9.5.10 |

|                           |      |      |                                           |                 |              |                    |
|---------------------------|------|------|-------------------------------------------|-----------------|--------------|--------------------|
| 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               |

10 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 (WALL / ELEMENT / HEIGH... | DEFECT FOUND | FIXED BY / DATE | RE-CHECKED BY / DAT... | OK? |
|-----|----------------------------------|--------------|-----------------|------------------------|-----|
|     |                                  |              |                 |                        |     |
|     |                                  |              |                 |                        |     |
|     |                                  |              |                 |                        |     |
|     |                                  |              |                 |                        |     |
|     |                                  |              |                 |                        |     |
|     |                                  |              |                 |                        |     |
|     |                                  |              |                 |                        |     |
|     |                                  |              |                 |                        |     |
|     |                                  |              |                 |                        |     |

11 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) |        |

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)

## 12 PHOTO LOG — WHAT EACH PHOTO REFERENCE SHOWS

[illegible]

### 13 NOTES FOR THIS AREA

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

## 14 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  | 2026-08-28 | 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.