

INSPECTION AND TEST PLAN — STRUCTURAL STEEL AND METALWORK

PLAN — ONE PER PACKAGE

Documents before acceptance, holding-down bolts as cast, plumb and bolting before covering, welds visual and NDT

KD-ITP-ST-035 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 a steel package the documents are checked before the first load is accepted, the holding-down bolts are surveyed as cast, and plumb, bolting and welds are all closed before anything covers a connection; the execution class the specification sets governs the inspection rate for welds. 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	Documents before acceptance		Conformity certificate and execution class on file		Per package				KD-QA-ST-001	
2	Delivery - marks, count and damage		Against the piece list		Each delivery				KD-QA-ST-001	
3	Coating condition		Film thickness; damage		Each delivery				KD-QA-ST-001	
4	Holding-down bolts as cast		Position, projection, level		Each base				KD-QA-ST-004	
5	Bases and set-out		Levels and line		Each base				KD-QA-ST-002	
6	Temporary stability during erection		Bracing and sequence		Each lift				KD-QA-ST-002	
7	Alignment - plumb, level and line		Measured against the tolerance		Each frame				KD-QA-ST-002	
8	Bolting - every bolt in and marked		Tightened, marked; sample torque		Each connection				KD-QA-ST-002	
9	Packing, grouting and cure		Before load		Each base				KD-QA-ST-004	
10	Site welding - welder and procedure		Qualifications; procedure on file		Each weld				KD-QA-ST-003	
11	Welds - visual and NDT		Every weld visual; NDT at the specified rate		Per spec rate				KD-QA-ST-003	
12	Connections complete before covering		Released		Each area				KD-QA-ST-002	
13	Metal decking and shear studs		Deck; stud tests; pre-pour release		Each floor				KD-QA-ST-005	
14	Secondary steel - fixings and levels		Anchors; levels; stairs		Each item				KD-QA-ST-006	

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continued

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NO	STAGE / ACTIVITY	SPEC REF	INSPECTION OR TEST	ACCEPTANCE	FREQUENCY	SUB	PC	CLIENT	RECORD REF	SIGN-OFF
15	Handrails and edge protection		Heights and fixings		Each item				KD-QA-ST-006	
16	Coating repair and handover		Touch-up; records		Per package				KD-QA-ST-006	

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.