

Mezzanine frame: erection inspection

Steelwork · Unit 7, Kelham Riverside Industrial Estate · Grid lines A to F, mezzanine level · 20 August 2026



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INSPECTION DETAILS

Job	Unit 7 mezzanine
Client	Kelham Logistics Ltd
Site	Unit 7, Kelham Riverside Industrial Estate
Location	Grid lines A to F, mezzanine level
Trade	Steelwork
Date	20 August 2026
Weather	Dry, 16°C, light wind
Inspector	J. Marchwood
Reference	QA-2026-0311

RESULT

Overall result	Pass
Pass rate	95% of 20 scored items
Items	20 checked: 19 pass, 1 fail, 0 not applicable
Non-conformances	1 raised, 1 resolved

1. DESCRIPTION

Inspection of the erected mezzanine frame, grid lines A to F, before the deck goes on: members, connections, bolting, plumb and level against the IFC drawings.

2. FABRICATION & DELIVERY

5 items: 5 pass, 0 fail.

#	INSPECTION ITEM	RESULT	MEASUREMENT	NOTES
1	Steel delivered matches approved fabrication drawings	Pass	—	—
2	Mill certificates and CE/UKCA marking available Evidence required	Pass	—	—
3	No visible damage, distortion, or defects	Pass	—	—
4	Protective coating / primer intact Evidence required	Pass	—	—
5	Member identification marks match drawing references	Pass	—	—

3. ERECTION & ALIGNMENT

5 items: 5 pass, 0 fail.

#	INSPECTION ITEM	RESULT	MEASUREMENT	NOTES
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1	Erected to correct sequence per method statement	Pass	—	—
2	Column plumb check within tolerance	Pass	Within tolerance	—
3	Beam level check within tolerance	Pass	Within tolerance	—
4	Temporary bracing installed as per design	Pass	—	—
5	Base plates level and grouted correctly Evidence required	Pass	—	—

4. CONNECTIONS

5 items: 4 pass, 1 fail.

#	INSPECTION ITEM	RESULT	MEASUREMENT	NOTES
1	Bolted connections complete: correct grade and size Evidence required	Fail	—	Two bolts at C4 found finger tight. Tightened and re-checked in the presence of the supervisor.
2	Bolts torqued / preloaded to specification	Pass	210	—
3	Welded connections comply with approved WPS	Pass	—	—
4	Weld visual inspection: no cracks, porosity, undercut Evidence required	Pass	—	—
5	NDT reports available where required Evidence required	Pass	—	—

5. FINISHING & HANDOVER

5 items: 5 pass, 0 fail.

#	INSPECTION ITEM	RESULT	MEASUREMENT	NOTES
1	Fire protection applied to specification	Pass	—	—
2	Touch-up paint applied to site welds and damage Evidence required	Pass	—	—
3	Snag list items addressed	Pass	—	—
4	As-built survey completed	Pass	—	—
5	Handover documentation complete Evidence required	Pass	—	—

6. NON-CONFORMANCE REPORTS

NCR	SEVERITY	DESCRIPTION	CORRECTIVE ACTION	STATUS
001	Minor	Two M20 bolts at connection C4 not fully tightened.	Tightened to specification and re-inspected the same day. All other C-line connections checked: no further defects.	Resolved

7. INSPECTION RESULT AND SIGN-OFF

Overall result	Pass
Pass rate	95%
Items	20
NCRs	1

INSPECTOR
Name
J. Marchwood
Signature

Date
20 August 2026

INSPECTOR COMMENTS

Frame accepted for decking once the C4 bolts were re-torqued. Plumb and level within BS EN 1090-2 tolerances throughout.

REVIEW

Status	Approved
Reviewed by	J. Marchwood, 20 August 2026

Quality inspection carried out against the project specification and the standards named in each item.