Steel structure inspection checklist

Yellow cells are for you to fill in. Free template from Deskely · deskely.com/resources/steel-structure-inspection-checklist

Project	Structure or mod	Drawing references

Area	Specification	Inspection date

Progress

Accepted: 0 Rejected: 0 N/A: 0 of 19 checks

No.	Check	Result	Reference	By	Date
MATERIALS					
1	Mill certificates match the grade and the heat numbers				
2	Members marked and traceable				
FABRICATION					
3	Dimensions and hole positions to the shop drawings				
4	Welds visually inspected; NDT to the specified extent				
5	Edges and cut surfaces prepared				
ERECTION					
6	Column plumbness and beam levels within the tolerance specification				
7	Base plates level; grout complete				
8	Anchor bolts: projection, nuts and washers correct				
9	Bracing installed and tight				
BOLTED CONNECTIONS					
10	Bolt grade, size and length to the drawings				
11	Washers and nuts correct; full thread engagement				
12	Tightened by the specified method; preloaded bolts marked or checked				
COATING AND FIRE PROTECTION					
13	Surface preparation and dry film thickness to the specification				
14	Damage touched up after erection				
15	Passive fire protection applied where required				
ACCESS AND SAFETY					
16	Gratings fixed; handrails, toe plates and ladders complete				
17	Temporary works and lifting lugs removed or listed				
CLOSE-OUT					
18	As-built survey done				
19	Punch items listed				

Sign-off	Name	Company	Signature	Date
Contractor QC				
Client				