



Rough Inspection Checklist – Bar Joist Floors and Roofs

DRAFT

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|-----------------|--|--------------------|--|-----------------|--|
| Address: | | Contractor: | | Permit # | |
|-----------------|--|--------------------|--|-----------------|--|

The following checklist is not all-inclusive. Other code related requirements may be included in this inspection.

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|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Verify that the work conforms to the approved plans, specifications and special conditions | OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Steel Joist Institute – Sec. 5.4 ((b) – Verify that diagonal bridging installed per approved plans |
| OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Steel Joist Institute – Sec. 5.5 (a) & (b) – Verify that bar joist bearing is at least 2 ½” but not less than approved plans | OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Steel Joist Institute – Sec. 5.5 – Verify that all bridging (horizontal and diagonal) is terminated at a wall or beam |
| OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Steel Joist Institute - Sec. 5.3 (a) Verify bar joist bearing plates are minimum 4” by 6” in masonry walls | OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Verify that any modifications have been approved by the engineer of record |
| OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Steel Joist Institute – Sec. 5.7 – Verify bar joist spacing per approved plans. | OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Verify that point loads are supported by the top cord of bar joist(s) unless otherwise approved |
| OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Steel Joist Institute –Sec. 5.6 (a) & (b) Verify that bar joists are attached to bearing plates with two 1/8” by 1” fillet welds minimum or two ½” A307 bolts or per approved plans – | OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Verify that additional framing at openings per approved plans. |
| | | OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Verify that deck connections are per approved plans |
| OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Steel Joist Institute – Sec. 5.4 – Verify that top and bottom cord bridging installed per approved plans | OK Yes No n/a <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | Verify that decking attachments are per approved plans- |

Notes:

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|-------------|--|------------------|--|
| Date | | Inspector | |
|-------------|--|------------------|--|