

Building and Safety Division Inspection Standards Sheetrock Nail Inspection

- 1) Check plans for location and thickness of all sheetrock installations. Be sure to identify all sheetrock shear/bracing and fire walls and inspect them separately.
- 2) Verify all nail and screw patterns are correctly spaced and in the correct locations. Pay close attention to perimeter nailing on shear/bracing and firewalls; and fire lids on garages.
- 3) Ensure that spacing between rows are a maximum 24" on center in walls (16" on center in fire walls or shear/bracing).
- 4) Spot check fire walls for longer screw and nail lengths.
- 5) Check around water-heater and furnace penetrations for a 1" clearance to combustibles (this includes the sheetrock).
- 6) Ensure that any duct penetrations in garage/residence separations are of metal duct material.
- 7) Ensure that any plumbing penetrations in garage/residence separations (including clothes washer standpipes) are of metal.
- 8) Ensure any through-penetrations of firewalls and correctly sleeved, fire-caulked, taped, or provided with a damper. Verify correct application for fire-stopping on plans.
- 9) Spot-check to make sure electrical wiring in cut-out boxes have not been nicked by sheetrock installers.
- 10) This inspection is considered not ready if any portion is missing sheetrock.

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