



DEPARTMENT OF PLANNING & BUILDING

BUILDING DIVISION

276 Fourth Avenue Chula Vista CA 91910

619-691-5272

619-585-5639 FAX

# INSPECTIONS REQUIRED (W/CODES)

## FORM 4533

Inspections required by this jurisdiction, if applicable to the issued permit, are as indicated on pages 2, 3, and 4.

The inspections are grouped as to the sequence of required inspections i.e., underground rough and final. The inspections are to be conducted before work is covered. The inspector is responsible for recording the inspection and ensuring the final activity (5100) indicates in ascending order, by date, that all inspections were conducted.

The inspection record located on the job site will reflect the same inspections and dates as the final activity record. This record is not the official record but is reflective of attention to detail of the inspector and contains useful information for the contractor/ owner.

**For additional information, please contact:**

**Steve Stingl, Sr. Building Inspector – (619)691-5272, Extension 3081**

**Shawn Ahlin, Sr. Building Inspector – (619)691-5272, Extension 3615**

# TYPE OF INSPECTION REQUEST

( \*\* Required Inspection )

00061	Progress Inspection 3-A	**	04110	Building – Footings/Reinforcement	
**	01110	Plumbing – Building Drains (UG)	**	04120	Building – Slab
**	01120	Plumbing – Water Supply (UG)		04130	Building – Steel/Bonding
**	01130	Plumbing – Building Sewer (UG)		04140	Building – SubFloor
**	01210	Plumbing – D/W/V Piping	**	04210	Building – Exterior Wall Construction
**	01220	Plumbing – Water Supply (AG)		04215	Building – Shear Panels
**	01230	Plumbing – LP Gas Piping		04220	Building – Floor Sheath
	01240	Plumbing – Pressure Regulator		04230	Building – Roof Sheath
	01250	Plumbing – Backwater Valve		04240	Building – Insulation Inspection
	01310	Plumbing – MP Gas Piping		04250	Building – Insulation Certificate
	01410	Plumbing – Water Heater	**	04260	Building – Interior Wall Construction
	01420	Plumbing – Gas Meter Clearance		04270	Building – T-Bar
**	01500	Plumbing – Final Approval		04280	Building – Floor System(s)
	02110	Mechanical – Ducts/Plenums (UG)		04290	Building – Roof System
**	02210	Mechanical – Ducts/Plenums (AG)		04310	Building – Pre-Roofing
**	02220	Mechanical – Combustion Vents	**	04330	Building – Exterior Lath
	02310	Mechanical – Wall Furnaces		04340	Building – Drywall
	02320	Mechanical – Vent Supply		04350	Building – Draft Stop(s)
**	02330	Mechanical – Vent Exhaust		04360	Building – Grout Lift
	02340	Mechanical – A/C Unit		04370	Building – Fence/Gate(s)
	02410	Mechanical – Furnaces (FAU)		04380	Building – Tilt-Up Panel
**	02500	Mechanical – Final Approval		04410	Building – Title 24 Handicap
**	03110	Electrical – Conduit/Cables (UG)		04420	Building – Title 24 Energy
**	03120	Electrical – Grounding		04470	Building – Special Inspection Clearance
**	03210	Electrical – Conduit/Cables (AG)	**	04500	Building – Final Approval
**	03220	Electrical – Rough Wiring			
	03225	Electrical – Bonding			
**	03230	Electrical – Service Panel			
	03310	Electrical – Subpanels			
	03320	Electrical – Temporary Power			
	03410	Electrical – Signs			
	03420	Electrical – Meter Clearance			
**	03500	Electrical – Final Approval			

# R-3 OCCUPANCY INSPECTION CHECKLIST

This is not a complete listing of code requirements

## Underground Plumbing

1. Correct pipe sizing and proper grade (1/4" for < 4" pipe, 1/8" for > 4" pipe)
2. Building drain laid on firm bed throughout its entire length
3. Cleanouts where required
4. Backflow prevention where required
5. Ten foot head of water for 15 min.
6. Water service piping installed
7. Building sewer hooked up to sewer lateral after drain test
8. Property line cleanout required

## Foundation

1. Soils report
2. Inspection report of post tension cables prior to concrete pour
3. Correct footing depth
4. Proper size and number of reinforcing bars in top and bottom of footing
5. Check for pier footings and mats
6. Reinforcing bars to have 3" clearance where permanently exposed to earth
7. Check for Hold Downs, Post Anchors and Column Bases
8. Ufer ground rod located (20ft in length located 2" from bottom of footing)
9. Visqueen and sand bed for slab
10. Proper reinforcement for slab
11. Plumbing pipes wrapped
12. Electric and telephone sweeps installed

## Exterior Wall Construction

1. Exterior to be cleaned of all debris
2. Windows set
3. Check for shear walls and shear wall schedule (HD's, PA's, AB's, A-35's, straps and nailing)
4. Check for all hardware (post bases, post caps, straps, joist hangers, A-35's etc.)
5. Structural straps where plumbing or B-vents cut through the top plates
6. Electrical service panel to be installed
7. Electrical wiring to be complete at exterior of building
8. DWV test
9. Nail plates for plumbing and electrical

## Framing all Trades

1. House clean of all debris
2. Title 24 requirements are met including foam for all windows and foam for all penetrations
3. Roof dry-in and tile is loaded
4. Verify correct size and spacing of all anchor bolts
5. Check for shear walls and shear wall schedule (HD's, PA's, AB's, A-35's, straps and nailing)
6. Check for all hardware (post bases, post caps, straps, joist hangers, A-35's etc.)
7. Check all framing details and verify roof framing with truss calc's where needed
8. UBC (Fire blocking, firewalls, egress, smoke detectors, attic crawl space etc.)
9. NEC (Ufer, cold water bond, GFCI, receptacle locations, support, protection, attic light and switch)
10. UPC (Gas test, DWV test, supply under pressure, pipe size, support, protection, grade etc.)
11. UMC (Vents blocked, ducts supported, B vent clearance, AC condensate, etc.)
12. Rat packing

## **Final Inspection**

1. Address visible from street
2. Title 24 requirements including hard surface flooring and roller shades
3. Exterior and interior wall covering complete
4. Roof covering complete
5. Egress met (stoops at all doors, stairs per UBC requirements, egress windows)
6. Penetrations at firewalls sealed
7. Self-closing fire doors
8. Tempered glass installed where required
9. Service panel circuit breakers installed and circuits wired correctly
10. Service panel labeled with non-fading ink (cpvc sticker if required)
11. Ufer ground and cold water bond secured and are accessible
12. All electrical fixtures installed (switches, receptacles, lights or blank covers)
13. GFCI's installed in all bathrooms, kitchen and at exterior locations
14. Smoke detectors
15. All plumbing fixtures installed and caulked
16. Water heater installed per UPC
17. Anti siphon devices installed on hose bibs
18. Gas appliances hooked up
19. B vent caps installed and roof jacks painted
20. Fire rated cleanout caps required for cleanouts in the garage
21. All cleanouts accessible (12" for cleanout < 2" and 18" for cleanout > 2")
22. Property line cleanout accessible with a yard box
23. Fireplace hearth installed and glass doors installed
24. Damper clamp for fireplace flue
25. Hood vent installed
26. Window hack outs replaced
27. ARC Fault Breakers for Bedrooms

## **Required Documents for Final Inspection**

1. Copy of inspection card
2. Circuit card
3. Insulation certification
4. Roof covering certification
5. Soils report
6. Inspection of post tension cables prior to pour
7. Inspection of foundation during pour
8. Post tension cable stress report
9. Post tension cable tendon gage results
10. Concrete psi breakage reports thru 28 days

# ELECTRICAL AND GAS RELEASES

The general policy of this jurisdiction is to release meters upon final completion of the project and the permit is finalized. The inspector is then to release the meters to SDG&E and record the release on the meter release form located in the Building Inspection Division office.

## Exceptions:

1. Electrical is on a separate permit and is located on a permanent base, to be utilized for construction.
2. Electrical is on a separate permit located on a temporary pole (Temp-Power) for construction. Address will always be a half number, i.e. 123 ½.
3. Electrical meter is for landscape or security on inventory houses.
4. Other exceptions may occur and will be approved on a case-by-case basis by the senior inspector.