



Cascade Inspection Services

Virtual Inspection Program

1. Live video via FACETIME or SKYPE

***Available ONLY for interior remodels of occupied homes.**

***LIMITED to minor projects with minimal structural changes like many kitchens, baths or basement finishes.**

***Available for all required building, electrical, plumbing and mechanical inspections**

***Permit holder must schedule and perform the onsite portion of the inspection**

***See REQUIREMENTS FOR REMOTE INSPECTION**

- *Procedure:**
- 1. Obtain permit**
 - 2. Complete work**
 - 3. Request video inspection**
 - 4. Inspector will set up a time (usually within 24 hours)**
 - 5. During the remote inspection, the inspector will direct camera around the jobsite to determine compliance.**

You will need: Sufficient light for quality video, good signal for smartphone, tape measure, gfci/receptacle tester for electrical, installation instructions for mechanical equipment.

Address verification: All videos will start with address verification and proceed directly to the work area as directed by the inspector.

2. Video submittal

***Available for *replacement furnace and water heater installations* ONLY**

***See GUIDELINES FOR VIDEO CONTENT**

- *Procedure:**
- 1. Obtain permit**
 - 2. Complete Work**
 - 3. Submit approximately 3-minute continuous video per content guide**
 - 4. Inspector will review and inform of inspection result**



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Requirements for remote inspections

GENERAL:

During the scheduled remote inspection, the inspector will start with address verification and then proceed directly to the work area. The **permit holder** will then be directed to show all areas of work and any other information requested by the inspector that is needed to verify code compliance. In some cases, access to other parts of the home is required. For example, building final inspections will require a walk through of the entire home to show that smoke detectors and carbon monoxide detectors are in compliance. Also, electrical inspections will always require panel access to determine breaker size and labeling.

TO PREPARE FOR YOUR INSPECTION:

- Schedule inspection at least 24 hours in advance
- Be sure to request REMOTE INSPECTION when scheduling
- All work must be complete and ready for inspection
- Remote inspection must be performed by the permit holder
- Smartphone with good signal reception
- Adequate light for quality video
- Tools that may be needed (flashlight, tape measure, ladder, gfci tester, installation instructions)
- Approved plans on site
- Ability to follow inspector's instructions and provide access to all areas of work
- Indicate preference of Skype or Facetime when contacted to schedule inspection

Guidelines for video content

Water Heater video checklist

Date _____ Job address _____ Company _____

Installer _____ Permit # _____

1. () show address
2. () basement, finished? ___ or unfinished? ___
3. () BTU rating? _____
4. () show pan and drain if required
5. () show gas line support
6. () show approved gas line valve
7. () show gas line union, dirt leg/sediment trap-tight?
8. () check for gas leak-sign affidavit
9. () show power vent connection at motor-tight?
10. () show length of power vent ___ and number of elbows ___
11. () show natural draft vent connector length ___ and size ___
12. () show screws on joints(natural draft connectors)
13. () is chimney an interior ___ or exterior ___ chimney?
14. () show chimney liner with cement collar if required
15. () show relief valve and pipe
16. () show return pump/check valve/expansion tank if required
17. () show water piping and valves
18. () show power vent termination outside for proper clearances

Furnace, A/C and boiler video check list

Date _____ Job address _____ Company _____
Installer _____ Permit # _____

- 1.() Show address
- 2.() Basement, finished?__unfinished?__
- 3.() BTU rating?__
- 4.() Show pan and drain if required
- 5.() Show gas line support
- 6.() Show approved gas line valve
- 7.() Show gas line union, dirt leg/sediment trap-tight?
- 8.() Check for gas leak-sign affidavit
- 9.() Show vent connections at furnace on 90 plus-tight?
- 10.() Show length of vent and number of elbows__
- 11.() Show natural draft vent connector length and size__
- 12.() Show screws on joints(natural draft connectors)
- 13.() Is the chimney an interior or exterior chimney?
- 14.() Show chimney liner and cement collar if required
- 15.() show relief valve and water connection(boiler)
- 16.() Show ductwork joints sealed to the cabinet
- 17.() Show condensate piping from furnace to a drain
- 18.() Show filter rack and cover
- 19.() Show vent terminations outside for proper clearances