

KBA: RVI INSPECTION TYPES: STARTING GUIDANCE

Vericord IQ3 • MGO Remote Video Inspection (RVI) • Guidance

1. PURPOSE

The jurisdiction's building official decides which inspection types may be done by Remote Video Inspection (RVI). The two tiers below are starting guidance only, not a list of approved or eligible inspection types.

2. SIMPLE BUILDING INSPECTIONS

Electrical

- **Electrical Outlet Installation:** Verifying the installation of a small number of new electrical outlets.
- **Light Fixture Replacement:** Inspecting the replacement or installation of non-complex light fixtures.
- **GFCI Outlet Installation:** Checking the installation of Ground Fault Circuit Interrupter (GFCI) outlets in required locations.
- **Smoke/Carbon Monoxide Detector Installation:** Ensuring that smoke and CO detectors are properly installed and functioning.
- **Simple Circuit Extension:** Inspecting the extension of an existing electrical circuit to a new outlet or fixture.

Plumbing

- **Water Heater Replacement:** Inspecting the installation of a new water heater, focusing on visible connections and safety features.
- **Fixture Replacement (Sinks, Toilets):** Verifying the proper installation of new plumbing fixtures like sinks or toilets.
- **Exterior Hose Bib Installation:** Checking the installation of an exterior hose bib (outdoor faucet).
- **Minor Drainage Work:** Simple inspections for newly installed or repaired drainage lines.

HVAC

- **Thermostat Installation:** Inspecting the installation of a new thermostat, ensuring it's correctly wired and functional.
- **HVAC Vent Relocation:** Verifying the relocation of a duct or vent within a room.
- **Mini-Split System Installation:** Inspecting the installation of a mini-split HVAC unit, focusing on visible components.

Structural/Framing

- **Window/Door Replacement (Non-Structural):** Inspecting the replacement of windows or doors where no structural changes are involved.
- **Minor Interior Wall Modifications:** Verifying simple modifications to non-load-bearing interior walls.
- **Deck/Porch Repairs (Non-Structural):** Inspecting repairs or updates to existing decks or porches that do not involve major structural changes.

Roofing and Siding

- **Roof Vent Installation:** Inspecting the installation of new roof vents, ensuring they are properly sealed.
- **Siding Repair:** Verifying repairs or replacement of small sections of exterior siding.
- **Gutter Installation/Replacement:** Checking the installation or replacement of gutters and downspouts.

Exterior Work

- **Fence Installation:** Inspecting newly installed or repaired fences for height and placement compliance.
- **Driveway/Walkway Repairs:** Verifying minor repairs to driveways or walkways, such as patching cracks.
- **Exterior Painting in Historic Districts:** Ensuring that exterior painting complies with local guidelines, particularly in historic areas.

Other Installations

- **Solar Panel Inspection (Post-Installation):** Quick checks to ensure that solar panels are properly mounted and connected.
- **Simple Accessory Structures:** Inspecting the installation of small accessory structures like sheds or pergolas.
- **Waterproofing Repairs:** Verifying repairs or updates to exterior waterproofing (e.g., around windows or doors).
- **Fireplace Insert Installation:** Inspecting the installation of a new fireplace insert, focusing on proper connection to existing flues.

3. NEW BUILD INSPECTIONS

Foundation and Structural

- **Foundation Waterproofing Inspection:** Checking the application of waterproofing materials on foundation walls.
- **Post-Tension Slab Inspection:** Verifying the placement of post-tension cables before the slab is poured.
- **Pier and Beam Foundation Inspection:** Inspecting the installation of piers and beams for proper alignment and depth.

Framing and Exterior

- **Exterior Sheathing Inspection:** Verifying the installation of exterior sheathing materials before applying siding.
- **Roof Sheathing Inspection:** Ensuring that roof sheathing is installed correctly before roofing materials are added.
- **Pre-Drywall Framing Inspection:** Inspecting framing and bracing before drywall installation.

Electrical and Plumbing

- **Rough Electrical Inspection:** Verifying the proper installation of electrical wiring, outlets, and panels before walls are closed.
- **Rough Plumbing Inspection:** Inspecting the installation of plumbing lines, including waste, vent, and supply lines.
- **Gas Line Pressure Test:** Conducting a pressure test on new gas lines to ensure there are no leaks.
- **Electrical Service Panel Inspection:** Ensuring the main electrical panel is installed correctly and up to code.

HVAC and Insulation

- **Ductwork Inspection:** Verifying the installation of HVAC ductwork before walls and ceilings are closed.
- **Insulation Inspection:** Checking the installation of insulation in walls, ceilings, and attics before drywall is applied.
- **HVAC Rough-In Inspection:** Inspecting the installation of HVAC units and venting systems before they are enclosed.

Exterior Features

- **Window and Door Installation:** Verifying that windows and doors are installed correctly and sealed properly.
- **Roof Covering Inspection:** Inspecting the installation of roofing materials like shingles or tiles.
- **Exterior Wall Flashing Inspection:** Checking the installation of flashing around windows, doors, and other openings.

Interior Features

- **Drywall Fastening Inspection:** Verifying that drywall is properly fastened to framing members.
- **Interior Fire Blocking Inspection:** Ensuring fire blocking is in place within walls and ceilings.

- **Interior Wall Bracing Inspection:** Inspecting bracing and reinforcement of interior walls.

Site Work

- **Driveway and Sidewalk Installation:** Inspecting the pouring and finishing of concrete for driveways and sidewalks.
- **Drainage System Installation:** Verifying the installation of site drainage systems, including gutters and downspouts.
- **Grading Inspection:** Ensuring that the site is graded properly for drainage and erosion control.

Final Inspections

- **Final Electrical Inspection:** Checking all electrical systems, including outlets, switches, and fixtures, are up to code.
- **Final Plumbing Inspection:** Verifying that all plumbing fixtures and systems are installed correctly and operational.
- **Final Building Inspection:** A comprehensive inspection of the entire structure to ensure it meets all applicable building codes and regulations.