

Construction and Building Inspectors

SOC: 47-4011 • Career Profile Report

■ Key Facts

\$72,120 Median Salary	1,200 Employment	-1.0% Growth Rate
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■ Requirements & Salary Range

Education: High school diploma

■ Automation Risk Assessment

Medium Risk - 35.0% probability of being automated in the next 10-20 years.
This job has some routine elements but still requires human judgment and interaction.

■■ Work-Life Balance

9.0/10 - Excellent work-life balance

■ Personality Fit (RIASEC)

Higher scores indicate better personality fit for this career type.

Realistic	9.4/10	Investigative	5.8/10
Artistic	4.0/10	Social	5.0/10
Enterprising	5.0/10	Conventional	6.0/10

■ Top Skills Required

Communication skills, Detail oriented, Mechanical knowledge, Physical stamina

✓ Strengths

- High Demand
- Flexible Work
- Continuous Learning

■ Challenges

- Burnout Risk
- Rapid Technological Change

■ What They Do

Construction and Building Inspectors typically perform the following tasks:

- Approve building plans that meet required specifications.
- Review and interpret plans, blueprints, site layouts, specifications, or construction methods to ensure compliance to legal requirements and safety regulations.
- Issue permits for construction, relocation, demolition, or occupancy.
- Inspect bridges, dams, highways, buildings, wiring, plumbing, electrical circuits, sewers, heating systems, or foundations during and after construction for structural quality, general safety, or conformance to specifications and codes.
- Monitor installation of plumbing, wiring, equipment, or appliances to ensure that installation is performed properly and is in compliance with applicable regulations.
- Inspect and monitor construction sites to ensure adherence to safety standards, building codes, or specifications.
- Confer with owners, violators, or authorities to explain regulations or recommend remedial actions.
- Measure dimensions and verify level, alignment, or elevation of structures or fixtures to ensure compliance to building plans and codes.
- Maintain daily logs and supplement inspection records with photographs.
- Conduct inspections, using survey instruments, metering devices, tape measures, or test equipment.
- Train, direct, or supervise other construction inspectors.
- Monitor construction activities to ensure that environmental regulations are not violated.
- Evaluate project details to ensure adherence to environmental regulations.
- Inspect facilities or installations to determine their environmental impact.
- Examine lifting or conveying devices, such as elevators, escalators, moving sidewalks, hoists, inclined railways, ski lifts, or amusement rides to ensure safety and proper functioning.
- Conduct environmental hazard inspections to identify or quantify problems, such as asbestos, poor air quality, water contamination, or other environmental hazards.
- Estimate cost of completed work or of needed renovations or upgrades.
- Evaluate premises for cleanliness, such as proper garbage disposal or lack of vermin infestation.
- Sample and test air to identify gasses, such as bromine, ozone, or sulfur dioxide, or particulates, such as mold, dust, or allergens.
- Inspect structures to determine cause and origin of damage.

*Generated by StartRight • Data from U.S. Bureau of Labor Statistics & O*NET*

Source: <https://www.bls.gov/ooh/construction-and-extraction/construction-and-building-inspectors.htm>