

## NORTEC JOB SPECIFIC SKILLS COMPETENCY

### **BUILDING INSPECTOR** (Government Services and Private)

**DOT: 168.167-030 / O'NET: 21908A SVP 7**

**Job Description:** Inspects new and existing buildings and structures to enforce conformance to building, grading, and zoning laws and approved plans, specifications, and standards. *Physical Demands* - Active w/light lifting, carrying, or moving (up to 20 lbs); *General Educational Development* - R5 M4 L4; *Aptitudes* - Above average General Learning Ability, Verbal, Numerical, and Spatial - Average Form Perception and Clerical Perception. *Note: Federal, state, and many local governments usually require that applicants pass a civil service examination. Many public/private employers are also requiring that Building Inspector applicants possess a certification from the International Conference of Building Officials (ICBO).*

### **CORE SKILL COMPETENCIES/INDICATORS:**

1. Can demonstrate advanced knowledge of all phases of construction, including structural, plumbing, and electrical. (R, IN, S, T).
2. Can demonstrate knowledge of relevant zoning laws, building codes, ordinances, health and safety regulations, and construction standards. (IN, S)
3. Can demonstrate ability to read and interpret blueprints, work plans, and building contract specifications. (IN, S)
4. Can demonstrate an understanding of, and can check drainage, elevation, and layout of construction sites. (IN, S)
5. Can demonstrate proper procedure for inspecting buildings for structural quality, including: inspection of soil condition and positioning and depth of footings; inspection of building foundation after completion; inspection of construction work as it progresses; final comprehensive inspection of structure. (R, IN, I, S, T)
6. Can demonstrate ability to keep accurate daily logs of work and take appropriate photographs. (IN, S, T)
7. Can demonstrate ability to file concise inspection reports based upon proper interpretation of legal requirements. (IN, S)
8. Can demonstrate ability to verbally and/or diagrammatically point out finding(s) to contractors, craftworkers, and owners, and to recommend appropriate compliance procedures. (R, IN, I, S)
9. Can demonstrate the ability to prepare and issue notices for correction to job superintendent or contractor responsible for conformance. (IN, I, S)
10. Can demonstrate ability to recognize when a stop-work order is required, and can demonstrate proper procedure for authorizing same. (IN, I, S)
11. Can demonstrate ability to determine fire insurance rates by appropriately assessing types of construction, building contents, availability of fire protection equipment, and risks posed by adjoining buildings. (R, IN, S)
12. Can demonstrate proper procedure for investigating reported incidents of construction or alteration that are being carried on without proper permits. (IN, I, S)
13. Can demonstrate knowledge of computer application to monitor status of construction inspection activities and the issuance of permits. (R, IN, S, T)
14. Can demonstrate knowledge of computer application to store and retrieve details concerning construction projects, building and occupancy permits, and other information. (R, IN, S, T)
15. Can demonstrate proper use of tape measures, survey instruments, metering devices, and test equipment, such as concrete strength measurers. (R, S, T)
16. Can research and demonstrate an understanding of new building code developments. (IN, S)

17. **Can demonstrate the ability to appropriately answer letters and schedule inspections. (IN, I, S)**
18. **Can demonstrate an understanding of how to get along with people, such as contractors and homebuilders to communicate and keep appropriate customer relations. (I)**
19. **Can demonstrate the ability to perform a variety of duties, changing from one task to another without loss of efficiency or composure. (R, I, S)**
20. **Can demonstrate ability to work under stress to meet schedule deadlines. (R, I)**