

Different Categories Utilized in the Inspector Certification Exam

General Terminology: Common definitions from ANSI/ACCT standards

Math: Conversions and basic math equations may need to be performed during inspections.

Spatial Skills: Interpreting design drawing and determine if what is built matches the drawing.

Standards (ANSI/ACCT, ACCT, ASTM and other relevant standards): Questions related to standards are to test the applicant's knowledge and interpretation.

Documentation: In relations to the ANSI/ACCT standards, these questions are specific to documentation requirements outlined in the ANSI/ACCT standards.

Inspection Process: Different inspection processes that occur during different types of inspections.

Modifications to Courses: To test the understanding of construction and inspection processes when a course or element is structurally or operationally changed from its original design.

Reading Plans/ Blueprints/ Diagrams/ Charts: Many courses utilize drawings as part of the design process. These drawings are continually referred to and interpreted throughout the life of the element.

Hardware Inspections (Construction Materials): Exam utilizes pictures to assess an inspector's decision-making skills as it relates to construction component's pass/fail criteria.

Equipment Inspections (PPE): Exam utilizes pictures to assess an inspector's decision-making skills as it relates to equipment component's pass/fail criteria.

Tools & Techniques: Exam utilizes pictures and descriptions to assess an inspector's decision-making skills as it relates to tool component's pass/fail criteria.

Mechanical Systems: Mechanical systems use power to apply forces and control movement to perform an intended action. The exam utilizes diagrams to test the knowledge of how the systems function.

Welding, Hydraulics & Electrical: Testing an inspector's knowledge and understanding of symbols found in blue prints and drawings related to welding, hydraulics and electrical.