



Introduction to Swimming Pool/Spa Inspections Online Course

Class Outline

By

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Course description:

This course is an **eight hour** online course broken down into 4-two hour modules using narrated PowerPoint slides. The course is designed to introduce participants to residential Pool/Spa Inspections and the ASHI Standards of Professional Practice for Residential Swimming Pool/Spa Inspections (Standards) including inspection scope and limitations, basic criteria for inspecting components, and inspection reporting requirements.

Goal:

Upon completion of this class, students will be more knowledgeable regarding the fundamentals of residential Pool/Spa Inspections and the various systems and components with application to residential Pool/Spa inspection. Students will also be more knowledgeable regarding the appropriate conditions observed that warrant recommendation of further analysis or correction.

Participant Profile:

This course is primarily intended for home inspectors who wish to learn how to conduct Swimming Pool/Spa inspections in compliance with ASHI Standards. Other participants could include homeowners who are having a pool built and who want to know basic criteria for evaluating contractor work or pool contractors wanting to know what inspectors will be looking for.

Learning Objectives:

Upon completion of the course students will be able to demonstrate a working knowledge of:

1. Nomenclature specific to pool/spa inspections
2. The purpose, scope and limitations of pool/spa inspections including benefits and risks
3. Pool/spa inspection protocols
4. Which components to inspect during pool/spa inspections
5. The basic criteria and location of codes for evaluating inspected components



6. Common “defects” and recognition
7. Pool/spa inspection reporting requirements

Suggested (optional) Materials:

Everybody’s Building Code by Bruce Barker, ASHI SOP Residential Pool/Spa Inspection.
Additionally, numerous CPSC pool safety publications will be recommended during the course.

Evaluation:

25 question online multiple choice quiz; 70% passing grade required for Certificate of Completion

Course Topics Outline
Swimming Pool/Spa Inspections Online Course

COURSE OVERVIEW

DEFINITIONS OF POOLS, SPAS, HYRDOMASSAGE TUBS

POOL INSPECTION PROTOCOLS

- Benefits and Risks of Pool Inspections
- Limited Pool Observation
- Full Pool Inspection

POOL INSPECTION RISK MANAGEMENT

- Introduction to Theories of Liability
- Inspection Agreements

POOL CODES AND STANDARDS

- International Residential Code Provisions
- Uniform Pool Code Provisions
- Federal, State, and Local Provisions

STATE AND ASSOCIATION POOL INSPECTION STANDARDS

- State Pool Inspection Standards
- Association Pool Inspection Standards

THE ASHI POOL INSPECTION STANDARD

- Important Inspection Limitations

ACCESS BARRIERS AND ALARMS

- Why Barriers?



- Barrier Regulations
- Barrier Requirements
- Safety Glazing
- Pool Covers
- Barrier Reporting Requirements

ELECTRICAL HAZARDS NEAR POOLS

- Receptacles and Switches
- Lights
- Underwater Lights
- Overhead Wires
- Junction Boxes
- Bonding

DECKS, COPING, LANDSCAPING, DRAINAGE, RETAINING WALLS

- Deck Materials and Finishes
- Slip and Trip Hazards
- Deck Drainage
- Steps and Guards
- Cracks
- Coping Materials
- Coping Deficiencies
- Vegetation and Retaining Walls

SHELL AND INTERIOR FINISH

- Shell Types
- Shell Finishes
- Shell and Finish Reporting Requirements
- Shell Cracks and Deficiencies
- Finish Deficiencies

EGRESS, LADDERS, STEPS

- Egress Requirements

ENTRAPMENT

- Why Entrapment Prevention?
- Entrapment Prevention Component Requirements

SKIMMERS

- Skimmer Deficiencies

JUMP BOARDS, SLIDES, PLAY ACCESSORIES

- Inspection Out of Scope, Disclaim

THE POOL CIRCULATION SYSTEM

- Overview of Circulation System Components
- Pump Physical and Operation Inspection



Pump Electrical and Bonding

FILTERS

- Filter Types
- Filter Deficiencies
- Filter Reporting Requirements

VALVES

- Valve Types
- Valve Deficiencies

PIPES

- Pipe Deficiencies

HEATERS

- Heater Inspection and Reporting Requirements
- Heater Deficiencies
- Vents
- Operation and Maintenance Clearances
- Gas and Electrical Connections

AUTOMATIC POOL FILL AND POOL SANITATION SYSTEMS

- Inspection Requirements
- Deficiencies

CLEANING SYSTEMS

- Inspection and Reporting Requirements
- Types

ELECTRICAL SERVICE AND CONTROLS

- Wiring Methods
- Bonding
- Control System Types and Operation

POOL INSPECTION CHECKLIST

- Review of Course Material

EXAMPLE INSPECTION OF A POOL

- Photos of an actual pool inspection