

IBHS Fortified...for safer living®

**Self-Assessment Checklist for Mandatory Requirements
Internal Fire and Internal Water Loss Hazards**

Thank you for your interest in the **Fortified** program. You must complete this checklist before a project application can be released to you. Your goal is to understand the requirements of the program and assess your readiness to seek a **Fortified** designation.

Date: _____
Last Name: _____
First Name: _____
Business Name: _____
Email Address: _____
Business Phone: _____
Project Address: _____
City: _____
State: _____
Zip: _____

I am a:

- Fortified Project Manager
- Builder
- Designer
- Homeowner
- Manufacturer
- General Contractor
- Other: _____

Instructions:

1. First, read the **Fortified** Builder's Guide---do not assume you understand this program without reading the Guide.
2. Answer ALL questions.
3. Return this completed checklist via email to FB@IBHS.ORG. **Fortified** staff will review your answers to determine if an application can be released to you.

I have read the above instructions:

Check to indicate you intend to comply with the following requirements:

An authorized inspector will verify that all mandatory items listed below have been correctly installed in the project during construction; inspection reports and photos taken will be provided to IBHS.

Internal Fire

Design will include smoke alarm locations.

Wired smoke alarms will be installed, integrated and located according to the IRC, and within 15' of main electrical panel.

Heat sensors will be installed in the kitchen and laundry rooms.

Smooth sheet metal dryer vent pipe will be assembled/installed with pop-rivets (no screws), and length no greater than 15' to the exterior. Must not discharge into the attic space or garage.

ARC fault interrupters will be installed on all electrical circuits for bedrooms.

Water Loss

Water heaters not permitted in attic spaces unless they are installed with a 4" deep pan fitted with an elevated drain (1" above bottom of pan), and a float shut off switch that automatically shuts off water to the tank if water builds in the bottom 1" of the pan.

Water heaters installed in habitable living areas will be equipped with a drain pan piped to a floor drain or containment area with a floor drain.

Drain pans for condenser units above living spaces will be equipped with two drain lines (one to be 1" diameter) or a single 1.5" diameter drain line. They must be fitted with a automatic overflow sensor and shut off switch.

Option 1: Master cut off ball valves for washing machine, or automatic shut off of water when equipment is not in use, or other means of limiting water flow in the event of a broken hose or pipe will be installed.

OR

Option 2: Building will be connected to a monitored alarm system that provides detection of water leaks with automatic shut off capability.

All service piping will be installed not less than 12" deep or less than 6" below the frost line (Per IRC).

Plumbing under slabs: corrosion-sensitive materials will be sealed with a protective coating.

Exterior framed walls will include a drainage plane system under the exterior cladding product that controls liquid moisture that gets in behind the cladding material and drains it to the outside of the building.

Laundry rooms and utility rooms on upper floors will be fitted with floor drains.

END OF CHECKLIST