



W.E.T.T. (Wood Energy Technology Transfer Inc) Inspections

WETT is an association managed by a volunteer Board of Directors elected by holders of valid WETT certificates. Through its administrative designate, WETT Inc. functions as the national registrar of the WETT program. Through professional training and public education, WETT Inc. promotes the safe and effective use of wood burning systems in Canada.

In carrying out its mandate to promote increased safety and effectiveness, WETT Inc. maintains the Wood Energy Technical Training program (WETT). The program is designed to:

- provide training to those who offer wood energy products and installation and maintenance services to the public and to those who conduct inspections of wood burning systems
- confirm and recognize the knowledge and skills acquired through field experience, self-study and successful completion of WETT courses by issuing certificates of qualification
- provide training to specialty audiences as the need and demand arises

There are three different levels of inspections

Level 1 Inspection - Readily Accessible – Means quickly or easily reached for inspection. It does not require the use of special tools for opening or removal of any panel, door or other covering; nor does it require the use of ladders. It does not require the disassembly of system components. A tape measure, light, mirror, camera, magnifying glass and binoculars comprise the usual tools required to perform this inspection

Level 2 Inspection - Accessible – Means to be reached without any invasive action to the building or property. Access may require the moving or removal of a panel, door or other covering or the disassembly of accessible system components. It may require the use of ladders and tools such as a screwdriver, wrench, hammer, draft gauge, thermometer, cleaning equipment or other service tools or equipment

Level 3 Inspection - Concealed Accessibility – Means not accessible except by invasive means. This may require the removal of constructed (but not structural) areas of the system or building, to gain access to concealed areas of the system. It may also require the use of specialty tools and equipment, such as a video scanning device or flue tile removal system

Level 1 Inspection (Readily Accessible) – Required by most insurance companies:

-Determines of compliance of readily accessible system components, including the proper use of required components, their required clearances to combustibles, their proper support, as well as their condition and structural integrity

- A determination of compliance of readily accessible shielding, outdoor air components, enclosures and ductwork if present

-Readily accessible evidence of operating malfunction, including but not limited to smoke spillage

-Obstructions and combustible deposits visible through readily accessible cleanout doors or inspection ports

Level 2 Inspection (Accessible):

- Everything above plus:

-Areas of the chimney that can be observed through openings, such as a breech pipe, cleanout or venting system termination for the presence of a continuous chimney liner and for its proper installation

-Accessible system components to verify for freedom from combustible deposits and blockages or obstructions

-Accessible system components for defects, damage, deterioration, proper support and mechanical connections

-Internal surfaces of fireplaces, smoke chambers and appliances for damage, deterioration, evidence of operating malfunction

-All areas of the appliance and chimney, including its surrounding and/or enclosure(s) that an accessed without invasive means, to determine clearances and code compliance. The inspection may include locations within attics, crawl spaces and basements that can be accessed through doors, hatches or other openings that do not require removal of parts of the building construction that considered to be permanently attached;

-The venting system and where applicable, any ductwork, to determine proper sizing and suitability for the connected appliance

Level 3 Inspection (Concealed Accessible):

-In addition to all aspects of a level 2 inspection

-An examination of concealed areas suspected of containing non-compliance or malfunction hazards and/or damage to system or building components