



www.wettinc.ca
@WETT_CA



This inspection form is provided to WETT members as a recommended part of completing a WETT Inspection™. If this form is modified in any way from the official form provided by WETT, it will no longer be considered to be an official WETT Inspection™ form.

Company: _____
Address: _____
Website: _____
Email: _____
Phone: _____

REQUESTED BY:

Name: _____
Address: _____
Email: _____
Phone: _____
Cell Phone: _____

Inspector's name: _____

Reason(s) for inspection: _____

Type of inspection requested: Visual Technical Invasive

Date of request: _____

INSPECTION LOCATION: Same as requested or:

Name: _____
Address: _____
Email: _____
Phone: _____
Cell Phone: _____

WETT #: _____

- 1. Visual Inspection:** This inspection includes the following:
 - a. Measurements of clearances.
 - b. Opening stove doors and all ground-accessible dampers/clean-out doors.
 - c. Visual inspection of the chimney from the ground.
 - d. WETT report documenting all noted deficiencies and red flags that may require a more detailed inspection, including all mandatory photos in the WETT Inspection Standards of Practice (SOP).
 - e. Easily visible portions of the flue (such as first tiles of an open fireplace or top section if the inspector has accessed the roof).
- 2. Technical Inspection:** This inspection includes the following:
 - a. All visual elements of the system as indicated in **Visual** Inspection.
 - b. Hands-on work which may include:
 - i. Taking apart flue pipes,
 - ii. Opening clean-outs,
 - iii. Entering the attic to view additional system components,
 - iv. Accessing the chimney on the roof.
 - c. Review of condition of components removed or exposed through hands-on work and quantity of creosote noted in components and where visible in chimney sections.
 - d. All observations and recommendations documented on WETT Inspection forms, including work completed and areas accessed, along with all mandatory photos.
- 3. Invasive Inspection:** This inspection includes the following:
 - a. All visual elements of the system as indicated in **Visual** Inspection.
 - b. All hands-on work as indicated in **Technical** Inspection.
 - c. General construction work to building elements including:
 - i. Opening of walls or ceilings,
 - ii. Disassembly or invasive work on masonry or prefab chimneys,
 - iii. Examination of chimney liners,
 - d. All observations and recommendations documented on WETT Inspection forms, including work completed and areas accessed, along with mandatory photos.

- **Inspection Results:** Indicate inspection results for each component. **Code compliance** = proper use of listed components. N/A = Not Applicable. UTI = Unable To Inspect.
- **Suitable (Suitability)** refers to system components that appear to be mechanically and structurally able to provide their designed and intended function.
- **Unsuitable** refers to components, or parts thereof, that are not mechanically or structurally suitable to maintain the function they were intended to perform.
Note: an appliance that has been modified is no longer a certified appliance.
- This inspection report only documents the conditions at the time of inspection.
- All **non-compliance** ratings should be considered for comment. See "Comments" page(s)
- An inspection, at any level, can be expected to include some components marked **UTI**.
- Manufacturer's specific instructions/**CSA B365**/building code shall be used to complete this inspection form.
- Appliances are not fired as part of an inspection. This is not a performance inspection.
- The electrical system is not part of a solid-fuel inspection
- Documentary evidence, including a valid certification number of the attending WETT-certified professional, is a mandatory requirement of the inspection process.
- Persons signing a declaration must have physically inspected the work.
- Use one inspection form per appliance. In a multi-chimney situation, this inspection form is limited to the related appliance.
- Inspectors are checking for "**Code Compliance**." They do not "Pass" or "Fail."
- Inspectors do not certify the appliance or the installation.
- Inspectors do not issue a WETT certificate with an inspection, they issue an inspection report.



WOOD STOVE, FLUE PIPE & MASONRY CHIMNEY INSPECTION BASED ON 2018 BCBC, 2019 ABC, 2015 NBC, 2018 OBC, CSA B365-17 AND MANUFACTURERS INSTRUCTIONS

Has the type of inspection been discussed prior to inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Appliance Make/Model/Serial #: _____
Are copies of building permit/s available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Installation manual available: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Original <input type="checkbox"/> Web download
Time of day: _____	Certification Standard: <input type="checkbox"/> ULC S627 <input type="checkbox"/> EPA <input type="checkbox"/> CSA B415 <input type="checkbox"/> Uncertified <input type="checkbox"/> Unknown
Weather conditions (ice, snow, wind, rain, thunderstorm, sunny): _____	Listing Agency: <input type="checkbox"/> ULC <input type="checkbox"/> CSA <input type="checkbox"/> WH/ETL <input type="checkbox"/> OTL <input type="checkbox"/> Other Comments: _____
Roofing type/material: _____	Alcove approved: <input type="checkbox"/> Yes <input type="checkbox"/> No
Roof accessed? <input type="checkbox"/> Yes <input type="checkbox"/> No Attic accessed? <input type="checkbox"/> Yes <input type="checkbox"/> No	Mobile home approved: <input type="checkbox"/> Yes <input type="checkbox"/> No
Chimney constructed with the building <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Approximate age: _____	Flue Collar Size: _____
Chimney shell: <input type="checkbox"/> Brick <input type="checkbox"/> Block <input type="checkbox"/> Stone <input type="checkbox"/> Other: _____	Is there a fan or blower attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
Rain cap: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> With screening <input type="checkbox"/> Without screening	Comments/condition of appliance (baffle plate, air tubes, bricks, gaskets, etc.): Suitable <input type="checkbox"/> Yes <input type="checkbox"/> No (see notes)
<input type="checkbox"/> Inside installation <input type="checkbox"/> Outside installation Total height _____	Installed in: <input type="checkbox"/> Residence (Part 9) <input type="checkbox"/> Modular Home (A277) <input type="checkbox"/> Mobile Home/Manufactured (Z240) <input type="checkbox"/> Alcove <input type="checkbox"/> Garage <input type="checkbox"/> Other: _____
Flue(s): Number: _____ Sizes _____ Total system height _____	Appliance location: <input type="checkbox"/> Basement <input type="checkbox"/> Main Floor <input type="checkbox"/> Other (specify): _____
Lined with: <input type="checkbox"/> Clay tile <input type="checkbox"/> Pumice liner <input type="checkbox"/> Stainless steel flex <input type="checkbox"/> Stainless steel rigid <input type="checkbox"/> Continuous <input type="checkbox"/> Insulated	Appliance Installed by: _____ Date: _____ <input type="checkbox"/> Unknown
Chimney built by: _____ Date: _____ <input type="checkbox"/> Unknown	
Does the unit share a venting system with another appliance? <input type="checkbox"/> Yes <input type="checkbox"/> No	



APPLIANCE

CLEARANCES/REQUIREMENTS	REQUIRED		ACTUAL	CODE COMPLIANCE		PHOTOS TAKEN
	Uncertified	Certified				
1. Combustible right side wall	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
2. Combustible left side wall	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
3. Combustible rear wall	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
4. Combustible corner – right side (45 degrees)	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
5. Combustible corner – left side (45 degrees)	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
6. Top/ceiling	60"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
7. Shielding ceiling	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
8. Wall shielding – rear	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
9. Wall shielding – right side	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
10. Wall shielding – left side	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
11. Ember pad material	Continuous, durable, non-combustible	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
12. Ember pad – front	Minimum – 18"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
13. Ember pad – rear	Minimum – 8"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	

CLEARANCES/REQUIREMENTS	REQUIRED		ACTUAL	CODE COMPLIANCE		PHOTOS TAKEN
	Uncertified	Certified				
14. Ember pad – right side	Minimum – 8" _____		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
15. Ember pad – left side	Minimum – 8" _____		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
16. Radiant heat floor protection material – uncertified appliance	CSA B365-17: 8.1.3.2		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
17. Radiant heat floor protection material – certified appliance	_____		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
18. Hazardous location	CSA B365-17: 4.3		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
19. Outdoor combustion air	<input type="checkbox"/> Yes <input type="checkbox"/> No		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
20. Is CO alarm present in same room with solid-fuel-burning appliance?	9.32.4.2.3 (BCBC)		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes
21. Is CO alarm present in same room with solid-fuel-burning appliance?	9.32.3.9.3 (ABC)		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes
22. Is CO alarm present?	9.33.4.2 (OBC)		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes

It is the homeowner's responsibility to ensure that the CO alarm is in working condition and installed in accordance with applicable codes.

NOTE: WETT inspectors do not test the CO alarm, they just note if it is present.



FLUE PIPE

Flue Pipe/ Connector: **Type:** Single-wall Double-wall ULC S641 Diameter: _____

Manufacturer: _____ Model _____ Listing Agency: _____ Is manual available? Yes No

Flue Pipe/Connector Requirements	REQUIRED		ACTUAL	CODE COMPLIANCE	PHOTOS TAKEN
	Uncertified	Certified			
23. Wall clearances – right side	18"	9"	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
24. Wall clearances – left side	18"	9"	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
25. Wall clearances – rear wall	18"	9"	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
26. Clearances – ceiling	18"	9"	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
27. Total length	Maximum 10'		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
28. Elbows	Maximum 180°		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
29. Fastening	3 screws		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
30. Allowance for expansion	Elbow/ slip/ adjust		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
31. Flue pipe orientation	Male end down		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
32. Joint overlap	Min 30 mm (1-3/16")		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
33. Flue pipe slope	Min ¼" per foot		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
34. Material – steel or other non-combustible material with a melting point of not less than 1100 °C (2000 °F)	<input type="checkbox"/> Yes <input type="checkbox"/> No		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes

Flue Pipe/Connector Requirements	REQUIRED		ACTUAL	CODE COMPLIANCE		PHOTOS TAKEN
	Uncertified	Certified				
35. Minimum thickness of flue pipe	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
36. Pipe shielding	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
37. Support – horizontal	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
38. Flue pipe condition	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
39. Barometric damper CSA B365-17: 4.4.4	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
40. Flue-mounted heat reclaimers CSA B365-17: 4.4.1	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
41. Does the flue pipe pass through floors or ceilings?	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
42. Connection to masonry chimney	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	



MASONRY CHIMNEY INSPECTION BASED ON 2018 BCBC/2019 ABC/2015 NBC/2018 OBC

43. Chimney Flue Limitations - 9.21.2.1.

(1) A chimney flue that serves a fireplace or incinerator shall not serve any other appliance.

Compliance Condition and Comments

Yes No
 N/A UTI

Photos taken:
 Yes

44. Chimney Flue Limitations - 9.21.2.1.

(2) A chimney flue that serves a solid-fuel-burning appliance shall not be connected to a natural-gas-or propane-fired appliance.

Compliance Condition and Comments

Yes No
 N/A UTI

Photos taken:
 Yes

45. Chimney Flue Limitations - 9.21.2.1.

(3) A chimney flue that serves a solid-fuel-burning appliance shall not be connected to an oil-burning appliance unless the solid-fuel-burning appliance is certified for such installation and the installation of both appliances meets the requirements of the relevant standards referenced in Article 9.33.5.2.appliance.

Compliance Condition and Comments

Yes No
 N/A UTI

Photos taken:
 Yes

46. Connections of More Than One Appliance - 9.21.2.2.

(1) Except as required by Article 9.21.2.1., where two or more fuel-burning appliances are connected to the same chimney flue, the connections shall be made as described in Sentences (2) to (4) and an adequate draft shall be provided for the connected appliances in conformance with the requirements of the relevant standards listed in Subsection 9:33.10

Compliance Condition and Comments
 Yes No
 N/A UTI

Photos taken:
 Yes

47. Connections of More Than One Appliance - 9.21.2.2.

(2) Where 2 or more fuel-burning appliances are connected to the same chimney flue, the appliances shall be located on the same storey.

Compliance Condition and Comments
 Yes No
 N/A UTI

Photos taken:
 Yes

48. Connections of More Than One Appliance - 9.21.2.2.

(3) The connection referred to in Sentence (2) for a solid-fuel-burning appliance shall be made below connections for appliances burning other fuels.

Compliance Condition and Comments
 Yes No
 N/A UTI

Photos taken:
 Yes

49. Connections of More Than One Appliance - 9.21.2.2.

(4) The connection referred to in Sentence (2) for a liquid-fuel-burning appliance shall be made below any connections for appliances burning natural gas or propane.

Compliance Condition and Comments
 Yes No
 N/A UTI

Photos taken:
 Yes

50. Footings - 9.21.4.3

Footings for masonry chimneys and concrete chimneys shall conform to Section 9.15.

Compliance Condition and Comments
 Yes No
 N/A UTI

Photos taken:
 Yes

51. Cleanout - 9.21.4.7.

(1) A cleanout opening with a metal frame and a tight-fitting metal door shall be installed near the base of the chimney flue.

Compliance Condition and Comments
 Yes No
 N/A UTI

Photos taken:
 Yes

52. Clearance from Combustible Materials - 9.21.5.1.

(2) A clearance of not less than 150 mm (6") shall be provided between a cleanout opening and combustible material.

Compliance Condition and Comments
 Yes No
 N/A UTI

Photos taken:
 Yes

53. ABC/BCBC/NBC Wall Thickness - 9.21.4.8

(1) The walls of a masonry chimney shall be built of solid units not less than 75 mm (3") thick.

Compliance Condition and Comments
 Yes No
 N/A UTI

Photos taken:
 Yes

54. OBC Wall Thickness - 9.21.4.8.

(1) The walls of a masonry chimney shall be built of solid units not less than 70 mm (2.755") thick.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

55. Lining Materials - 9.21.3.1.

(1) Every masonry or concrete chimney shall have a lining of clay, concrete, firebrick or metal.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

56. Clay Liners - 9.21.3.3.

(1) Clay liners shall conform to CAN/CSA-A324-M, "Clay Flue Liners" –

(2) Liners referred to in Sentence (1) shall be not less than 15.9 mm thick and shall be capable of resisting, without softening or cracking, a temperature of 1 100° C.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

57. Firebrick Liners - 9.21.3.4.

(1) Firebrick liners shall conform to ASTM C 27, "Classification of Fireclay and High-Alumina Refractory Brick."

(2) Firebrick liners shall be laid with high-temperature cement mortar conforming to CAN/CGSB-10.3, "Air-Setting Refractory Mortar."

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

58. Concrete Liners - 9.21.3.5.

(1) Concrete flue liners shall conform to Clause 4.2.6.4 of CAN/CSA-A405-M-87, "Design and Construction of Masonry Chimneys and Fireplaces."

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

59. Metal Liners - 9.21.3.6.

(1) Metal liners shall be constructed of not less than 0.3 mm thick stainless steel,

(2) Metal liners referred to in Sentence (1) shall only be used in chimneys serving gas- or oil-burning appliances.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

60. OBC 9.21.1.4. Chimney or Flue pipe walls

(1) The walls of any chimney or flue pipe shall be constructed to be smoke- and flame-tight.

9.21.2. Chimney Flues

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

61. ABC/BCBC/NBC 9.21.1.2. Chimney or Flue pipe walls

(1) The walls of any chimney or flue pipe shall be constructed to be smoke- and flame-tight.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

62. Size of Chimney Flues - 9.21.2.4

(1) Except for chimneys serving fireplaces, the size of a chimney flue shall conform to the requirements of the appliance installation standards referenced in Sentences 9.33.5.2.(1) and 9.33.5.3.(1).

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

63. Oval Chimney Flues - 9.21.2.6.

(1) The width of an oval chimney flue shall be not less than two-thirds its breadth.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

64. ABC/BCBC/NBC Separation of Flue Liners - 9.21.4.9.

(1) Flue liners in the same chimney shall be separated by not less than 75 mm (2¾”) of masonry or concrete exclusive of liners where clay liners are used, or 90 mm (3½”) of firebrick where firebrick liners are used.

(2) Flue liners referred to in Sentence (1) shall be installed to prevent significant lateral movement.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

65. OBC Separation of Flue Liners - 9.21.4.9.

(1) Flue liners in the same chimney shall be separated by not less than 70 mm (2.755”) of masonry or concrete exclusive of liners where clay liners are used, or 90 mm (3½”) of firebrick where firebrick liners are used.

(2) Flue liners referred to in Sentence (1) shall be installed to prevent significant lateral movement.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

66. Joints in Chimney Liners - 9.21.3.2.

(1) Joints of chimney liners shall be sealed to provide a barrier to the passage of flue gases and condensate into the cavity between the liner and the surrounding masonry.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

67. Joints in Chimney Liners - 9.21.3.2.

(2) Joints of clay, concrete or firebrick chimney liners shall be struck flush to provide a straight, smooth, aligned chimney flue.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

68. Installation of Chimney Liners - 9.21.3.7.

(1) Chimney liners shall be installed when the surrounding masonry or concrete is placed.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

69. Spaces between Liners and Surrounding Masonry - 9.21.3.8.

(1) A space not less than 10 mm (3/8”) wide shall be left between a chimney liner and surrounding masonry.

(2) The space required in Sentence (1) shall not be filled with mortar.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

70. Mortar for Chimney Liners 9.21.3.9.

- (1) Chimney liners used in chimneys for solid-fuel-burning appliances shall be laid in a full bed of
 - a) high temperature cement mortar conforming to CAN/CGSB-10.3, "Air Setting Refractory Mortar," or
 - b) mortar consisting of 1 part Portland cement to 3 parts sand by volume.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

71. Mortar for Chimney Liners - 9.21.3.9

- (2) Chimney liners used in chimneys for oil- or gas-burning appliances shall be laid in a full bed of mortar consisting of 1-part Portland cement to 3 parts sand by volume.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

72. Extension of Chimney Liners - 9.21.3.10.

- (1) Chimney liners shall extend from a point not less than 200 mm (8") below the lowest flue pipe connection to a point not less than 50 mm (2") or more than 100 mm (4") above the chimney cap.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

73. Height of Chimney Flues 9.21.4.4.

- (1) A chimney flue shall extend not less than **a)** 900 mm (36") above the highest point at which the chimney comes in contact with the roof, and **b)** 600 mm (24") above the highest roof surface or structure within 3 m (10') of the chimney.

Required Height = 900mm (3'/36") Actual = _____

Required = 600mm (2'/24") Actual = _____

Required Vertical within 3m Horizontal (10') Actual = _____

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

74. Lateral Stability - 9.21.4.5.

- (1) Except as provided in Sentence (2), chimneys shall be braced in accordance with Subsection 4.3.2. to provide lateral stability under wind loads.
- (2) A chimney need not be laterally braced provided **a)** no horizontal outside dimension is less than 400 mm (16"), and **b)** the chimney extends not more than 3.6 m (12') above a roof or the masonry wall of which it forms a part.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

75. Chimney Caps - 9.21.4.6.

- (1) The top of a chimney shall have a waterproof cap of reinforced concrete, masonry or metal.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

76. Chimney Caps - 9.21.4.6.

- (2) The cap required in Sentence (1) shall slope from the lining and be provided with a drip not less than 25 mm (1") from the chimney wall.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

77. Chimney Caps - 9.21.4.6.

(3) Cast-in-place concrete caps shall be separated from the chimney liner by a bond break and be sealed at that location.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

78. Chimney Caps - 9.21.4.6.

(4) Jointed precast concrete or masonry chimney caps shall have flashing installed beneath the cap extending from the liner to the drip edge.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

79. Flashing - 9.21.4.10

(1) Junctions with adjacent materials shall be adequately flashed to shed water.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

80. Clearance from Combustible Materials - 9.21.5.1.

(1) The clearance between masonry or concrete chimneys and combustible framing shall be not less than **a)** 50 mm (2") for interior chimneys, and **b)** 12 mm (1/2") for exterior chimneys.

NOTE: A-9.21.5.1.(1) Clearance from Combustible Materials

For purposes of this Sentence, an exterior chimney can be considered to be one which has at least one surface exposed to the outside atmosphere or unheated space over the majority of its height. All other chimneys should be considered to be interior.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

81. Clearance from Combustible Materials - 9.21.5.1. (3) Combustible flooring and subflooring shall have not less than a 12 mm (1/2") clearance from masonry or concrete chimneys.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

82. Sealing of Spaces - 9.21.5.2 (1) All spaces between masonry or concrete chimneys and combustible framing shall be sealed top or bottom with noncombustible material.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

83. Support of Joists or Beams - 9.21.5.3 (1) Joists or beams may be supported on masonry walls which enclose chimney

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

84. Inclined Chimney Flues - 9.21.2.3

(1) Chimney flues shall not be inclined more than 45° to the vertical.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

85. Intersection of Shingle Roofs and Masonry 9.26.4.4.

- (1) The intersection of shingle roofs and masonry walls or chimneys shall be protected with flashing.
- (2) Counter flashing required in Sentence (1) shall be embedded not less than 25 mm in the masonry and shall extend not less than 150 mm (6") down the masonry and lap the lower flashing not less than 100 mm (4").
- (3) Flashing along the slopes of a roof described in Sentence (1) shall be stepped so that there is not less than a 75 mm (3") head lap in both the lower flashing and counter flashing.
- (4) Where the roof described in Sentence (1) slopes upwards from the masonry, the flashing shall extend up the roof slope to a point equal in height to the flashing on the masonry, but not less than 1.5 times the shingle exposure.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

86. Chimney Saddles - 9.26.4.8. (1) Except as otherwise permitted in Sentence (5), chimney saddles

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

87. Fire Code = 2.6.1.4. Chimneys, Flues and Flue Pipes (1) Every chimney, flue and flue pipe shall be inspected to identify any dangerous condition **a)** at intervals not greater than 12 months, **b)** at the time of addition of any

Compliance Condition and Comments

-
-

Photos taken:

- Yes

88. Fire Code = 2.6.1.4 Chimneys, flues and flue pipes (2) Chimneys, flues and flue pipes shall be cleaned as often as necessary to keep them free from dangerous accumulations of combustible deposits.

Appendix A – A.2.6.1.4 (2) The presence in a chimney of deposits of soot or creosote in excess of 3mm thick will indicate the need for immediate cleaning, possible modification of burning procedures, and more frequent inspections.

Compliance Condition and Comments

-
-

Photos taken:

- Yes

89. Fire Code = 2.6.1.4 Chimneys, flues and flue pipes

(3) A chimney, flue, or flue pipe shall be replaced or repaired to eliminate **a)** any structural deficiency or decay

Appendix A – A-2.6.1.4. (3) a) Structural deficiencies are deviations from required construction, such as the absence of a liner or inadequate design of supports or ties. Instances of decay are cracking, settling, crumbling mortar, distortion, advanced corrosion, separation of sections, or loose or broken supports

Compliance Condition and Comments

-
-

Photos taken:

- Yes

90. Fire Code = 2.6.1.4 3) A chimney, flue, or flue pipe

(3) A chimney, flue, or flue pipe shall be replaced or repaired to eliminate **b)** all abandoned or unused openings that are not effectively sealed in a manner that would prevent the passage of fire or smoke.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes



File reference #: _____

Photos taken: Yes No Number of photos: _____

This checklist contains: _____ pages in total | This report contains: _____ pages in total.

Comments and observations:

All non-compliance ratings should be considered for comment. Add number of non-compliance line. More pages may be added.

Please attach additional page(s) if needed

Customer signature: _____

Inspector signature: _____

Inspector WETT #: _____

Date: _____

Date: _____

PHOTOS:

Section #: _____

Section #: _____

Section #: _____

Section #: _____


Section #: _____



Section #: _____



Section #: _____



Section #: _____



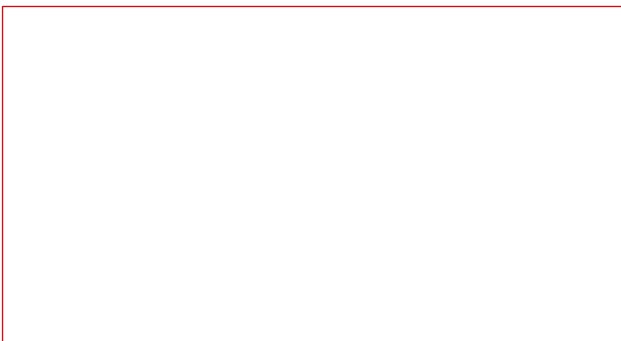
Section #: _____



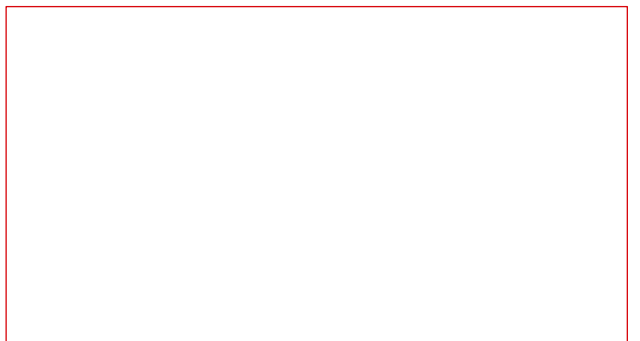
Section #: _____



Section #: _____



Section #: _____



Section #: _____



Section #: _____



Section #: _____



Section #: _____



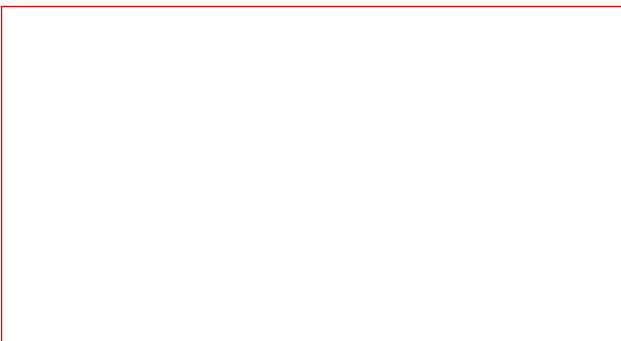
Section #: _____



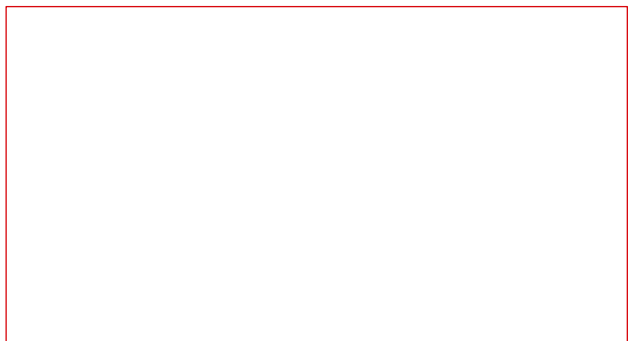
Section #: _____



Section #: _____



Section #: _____





www.wettinc.ca
@WETT_CA



This inspection form is provided to WETT members as a recommended part of completing a WETT Inspection™. If this form is modified in any way from the official form provided by WETT, it will no longer be considered to be an official WETT Inspection™ form.

Company: _____
Address: _____
Website: _____
Email: _____
Phone: _____

REQUESTED BY:

Name: _____
Address: _____
Email: _____
Phone: _____
Cell Phone: _____

Inspector's name: _____

Reason(s) for inspection: _____

Type of inspection requested: Visual Technical Invasive

Date of request: _____

INSPECTION LOCATION: Same as requested or:

Name: _____
Address: _____
Email: _____
Phone: _____
Cell Phone: _____

WETT #: _____

- 1. Visual Inspection: This inspection includes the following:
a. Measurements of clearances.
b. Opening stove doors and all ground-accessible dampers/clean-out doors.
c. Visual inspection of the chimney from the ground.
d. WETT report documenting all noted deficiencies and red flags that may require a more detailed inspection, including all mandatory photos in the WETT Inspection Standards of Practice (SOP).
e. Easily visible portions of the flue (such as first tiles of an open fireplace or top section if the inspector has accessed the roof).
2. Technical Inspection: This inspection includes the following:
a. All visual elements of the system as indicated in Visual Inspection.
b. Hands-on work which may include:
i. Taking apart flue pipes,
ii. Opening clean-outs,
iii. Entering the attic to view additional system components,
iv. Accessing the chimney on the roof.
c. Review of condition of components removed or exposed through hands-on work and quantity of creosote noted in components and where visible in chimney sections.
d. All observations and recommendations documented on WETT Inspection forms, including work completed and areas accessed, along with all mandatory photos.
3. Invasive Inspection: This inspection includes the following:
a. All visual elements of the system as indicated in Visual Inspection.
b. All hands-on work as indicated in Technical Inspection.
c. General construction work to building elements including:
i. Opening of walls or ceilings,
ii. Disassembly or invasive work on masonry or prefab chimneys,
iii. Examination of chimney liners,
d. All observations and recommendations documented on WETT Inspection forms, including work completed and areas accessed, along with mandatory photos.

- Inspection Results: Indicate inspection results for each component. Code compliance = proper use of listed components. N/A = Not Applicable. UTI = Unable To Inspect.
• Suitable (Suitability) refers to system components that appear to be mechanically and structurally able to provide their designed and intended function.
• Unsuitable refers to components, or parts thereof, that are not mechanically or structurally suitable to maintain the function they were intended to perform. Note: an appliance that has been modified is no longer a certified appliance.
• This inspection report only documents the conditions at the time of inspection.
• All non-compliance ratings should be considered for comment. See "Comments" page(s)
• An inspection, at any level, can be expected to include some components marked UTI.
• Manufacturer's specific instructions/CSA B365/building code shall be used to complete this inspection form.
• Appliances are not fired as part of an inspection. This is not a performance inspection.
• The electrical system is not part of a solid-fuel inspection
• Documentary evidence, including a valid certification number of the attending WETT-certified professional, is a mandatory requirement of the inspection process.
• Persons signing a declaration must have physically inspected the work.
• Use one inspection form per appliance. In a multi-chimney situation, this inspection form is limited to the related appliance.
• Inspectors are checking for "Code Compliance." They do not "Pass" or "Fail."
• Inspectors do not certify the appliance or the installation.
• Inspectors do not issue a WETT certificate with an inspection, they issue an inspection report.



WOOD STOVE, FLUE PIPE & MASONRY CHIMNEY INSPECTION BASED ON 2018 BCBC, 2019 ABC, 2015 NBC, 2018 OBC, CSA B365-17 AND MANUFACTURERS INSTRUCTIONS

Has the type of inspection been discussed prior to inspection? <input type="checkbox"/> Yes <input type="checkbox"/> No	Appliance Make/Model/Serial #: _____
Are copies of building permit/s available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Installation manual available: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Original <input type="checkbox"/> Web download
Time of day: _____	Certification Standard: <input type="checkbox"/> ULC S627 <input type="checkbox"/> EPA <input type="checkbox"/> CSA B415 <input type="checkbox"/> Uncertified <input type="checkbox"/> Unknown
Weather conditions (ice, snow, wind, rain, thunderstorm, sunny): _____	Listing Agency: <input type="checkbox"/> ULC <input type="checkbox"/> CSA <input type="checkbox"/> WH/ETL <input type="checkbox"/> OTL <input type="checkbox"/> Other Comments: _____
Roofing type/material: _____	Alcove approved: <input type="checkbox"/> Yes <input type="checkbox"/> No
Roof accessed? <input type="checkbox"/> Yes <input type="checkbox"/> No Attic accessed? <input type="checkbox"/> Yes <input type="checkbox"/> No	Mobile home approved: <input type="checkbox"/> Yes <input type="checkbox"/> No
Chimney constructed with the building <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Approximate age: _____	Flue Collar Size: _____
Chimney shell: <input type="checkbox"/> Brick <input type="checkbox"/> Block <input type="checkbox"/> Stone <input type="checkbox"/> Other: _____	Is there a fan or blower attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
Rain cap: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> With screening <input type="checkbox"/> Without screening	Comments/condition of appliance (baffle plate, air tubes, bricks, gaskets, etc.): Suitable <input type="checkbox"/> Yes <input type="checkbox"/> No (see notes)
<input type="checkbox"/> Inside installation <input type="checkbox"/> Outside installation Total height _____	Installed in: <input type="checkbox"/> Residence (Part 9) <input type="checkbox"/> Modular Home (A277) <input type="checkbox"/> Mobile Home/Manufactured (Z240) <input type="checkbox"/> Alcove <input type="checkbox"/> Garage <input type="checkbox"/> Other: _____
Flue(s): Number: _____ Sizes _____ Total system height _____	Appliance location: <input type="checkbox"/> Basement <input type="checkbox"/> Main Floor <input type="checkbox"/> Other (specify): _____
Lined with: <input type="checkbox"/> Clay tile <input type="checkbox"/> Pumice liner <input type="checkbox"/> Stainless steel flex <input type="checkbox"/> Stainless steel rigid <input type="checkbox"/> Continuous <input type="checkbox"/> Insulated	Appliance Installed by: _____ Date: _____ <input type="checkbox"/> Unknown
Chimney built by: _____ Date: _____ <input type="checkbox"/> Unknown	
Does the unit share a venting system with another appliance? <input type="checkbox"/> Yes <input type="checkbox"/> No	



APPLIANCE

CLEARANCES/REQUIREMENTS	REQUIRED		ACTUAL	CODE COMPLIANCE		PHOTOS TAKEN
	Uncertified	Certified		Yes	No	
1. Combustible right side wall	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
2. Combustible left side wall	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
3. Combustible rear wall	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
4. Combustible corner – right side (45 degrees)	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
5. Combustible corner – left side (45 degrees)	36"/ 48"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
6. Top/ceiling	60"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
7. Shielding ceiling	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
8. Wall shielding – rear	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
9. Wall shielding – right side	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
10. Wall shielding – left side	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
11. Ember pad material	Continuous, durable, non-combustible	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
12. Ember pad – front	Minimum – 18"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
13. Ember pad – rear	Minimum – 8"	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> N/A	<input type="checkbox"/> No <input type="checkbox"/> UTI	<input type="checkbox"/> Yes

CLEARANCES/REQUIREMENTS	REQUIRED		ACTUAL	CODE COMPLIANCE		PHOTOS TAKEN
	Uncertified	Certified				
14. Ember pad – right side	Minimum – 8" _____		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
15. Ember pad – left side	Minimum – 8" _____		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
16. Radiant heat floor protection material – uncertified appliance	CSA B365-17: 8.1.3.2		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
17. Radiant heat floor protection material – certified appliance	_____		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
18. Hazardous location	CSA B365-17: 4.3		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
19. Outdoor combustion air	<input type="checkbox"/> Yes <input type="checkbox"/> No		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI		<input type="checkbox"/> Yes
20. Is CO alarm present in same room with solid-fuel-burning appliance?	9.32.4.2.3 (BCBC)		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes
21. Is CO alarm present in same room with solid-fuel-burning appliance?	9.32.3.9.3 (ABC)		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes
22. Is CO alarm present?	9.33.4.2 (OBC)		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A		<input type="checkbox"/> Yes

It is the homeowner's responsibility to ensure that the CO alarm is in working condition and installed in accordance with applicable codes.

NOTE: WETT inspectors do not test the CO alarm, they just note if it is present.



FLUE PIPE

Flue Pipe/ Connector: **Type:** Single-wall Double-wall ULC S641 Diameter: _____

Manufacturer: _____ Model _____ Listing Agency: _____ Is manual available? Yes No

Flue Pipe/Connector Requirements	REQUIRED		ACTUAL	CODE COMPLIANCE	PHOTOS TAKEN
	Uncertified	Certified			
23. Wall clearances – right side	18"	9"	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
24. Wall clearances – left side	18"	9"	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
25. Wall clearances – rear wall	18"	9"	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
26. Clearances – ceiling	18"	9"	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
27. Total length	Maximum 10'		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
28. Elbows	Maximum 180°		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
29. Fastening	3 screws		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
30. Allowance for expansion	Elbow/ slip/ adjust		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
31. Flue pipe orientation	Male end down		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
32. Joint overlap	Min 30 mm (1-3/16")		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
33. Flue pipe slope	Min ¼" per foot		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
34. Material – steel or other non-combustible material with a melting point of not less than 1100 °C (2000 °F)	<input type="checkbox"/> Yes <input type="checkbox"/> No		_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes

Flue Pipe/Connector Requirements	REQUIRED		ACTUAL	CODE COMPLIANCE		PHOTOS TAKEN
	Uncertified	Certified				
35. Minimum thickness of flue pipe	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
36. Pipe shielding	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
37. Support – horizontal	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
38. Flue pipe condition	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
39. Barometric damper CSA B365-17: 4.4.4	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
40. Flue-mounted heat reclaimers CSA B365-17: 4.4.1	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
41. Does the flue pipe pass through floors or ceilings?	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	
42. Connection to masonry chimney	<input type="checkbox"/> Yes <input type="checkbox"/> No	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes	



MASONRY CHIMNEY INSPECTION BASED ON 2018 BCBC/2019 ABC/2015 NBC/2018 OBC

43. Chimney Flue Limitations - 9.21.2.1.

(1) A chimney flue that serves a fireplace or incinerator shall not serve any other appliance.

Compliance Condition and Comments

Yes No
 N/A UTI

Photos taken:

Yes

44. Chimney Flue Limitations - 9.21.2.1.

(2) A chimney flue that serves a solid-fuel-burning appliance shall not be connected to a natural-gas-or propane-fired appliance.

Compliance Condition and Comments

Yes No
 N/A UTI

Photos taken:

Yes

45. Chimney Flue Limitations - 9.21.2.1.

(3) A chimney flue that serves a solid-fuel-burning appliance shall not be connected to an oil-burning appliance unless the solid-fuel-burning appliance is certified for such installation and the installation of both appliances meets the requirements of the relevant standards referenced in Article 9.33.5.2.appliance.

Compliance Condition and Comments

Yes No
 N/A UTI

Photos taken:

Yes

46. Connections of More Than One Appliance - 9.21.2.2.

(1) Except as required by Article 9.21.2.1., where two or more fuel-burning appliances are connected to the same chimney flue, the connections shall be made as described in Sentences (2) to (4) and an adequate draft shall be provided for the connected appliances in conformance with the requirements of the relevant standards listed in Subsection 9:33.10

Compliance

Condition and Comments

Photos taken:

- Yes No
- N/A UTI

- Yes

47. Connections of More Than One Appliance - 9.21.2.2.

(2) Where 2 or more fuel-burning appliances are connected to the same chimney flue, the appliances shall be located on the same storey.

Compliance

Condition and Comments

Photos taken:

- Yes No
- N/A UTI

- Yes

48. Connections of More Than One Appliance - 9.21.2.2.

(3) The connection referred to in Sentence (2) for a solid-fuel-burning appliance shall be made below connections for appliances burning other fuels.

Compliance

Condition and Comments

Photos taken:

- Yes No
- N/A UTI

- Yes

49. Connections of More Than One Appliance - 9.21.2.2.

(4) The connection referred to in Sentence (2) for a liquid-fuel-burning appliance shall be made below any connections for appliances burning natural gas or propane.

Compliance

Condition and Comments

Photos taken:

- Yes No
- N/A UTI

- Yes

50. Footings - 9.21.4.3

Footings for masonry chimneys and concrete chimneys shall conform to Section 9.15.

Compliance

Condition and Comments

Photos taken:

- Yes No
- N/A UTI

- Yes

51. Cleanout - 9.21.4.7.

(1) A cleanout opening with a metal frame and a tight-fitting metal door shall be installed near the base of the chimney flue.

Compliance

Condition and Comments

Photos taken:

- Yes No
- N/A UTI

- Yes

52. Clearance from Combustible Materials - 9.21.5.1.

(2) A clearance of not less than 150 mm (6") shall be provided between a cleanout opening and combustible material.

Compliance

Condition and Comments

Photos taken:

- Yes No
- N/A UTI

- Yes

53. ABC/BCBC/NBC Wall Thickness - 9.21.4.8

(1) The walls of a masonry chimney shall be built of solid units not less than 75 mm (3") thick.

Compliance

Condition and Comments

Photos taken:

- Yes No
- N/A UTI

- Yes

54. OBC Wall Thickness - 9.21.4.8.

(1) The walls of a masonry chimney shall be built of solid units not less than 70 mm (2.755") thick.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

55. Lining Materials - 9.21.3.1.

(1) Every masonry or concrete chimney shall have a lining of clay, concrete, firebrick or metal.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

56. Clay Liners - 9.21.3.3.

(1) Clay liners shall conform to CAN/CSA-A324-M, "Clay Flue Liners" –

(2) Liners referred to in Sentence (1) shall be not less than 15.9 mm thick and shall be capable of resisting, without softening or cracking, a temperature of 1 100° C.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

57. Firebrick Liners - 9.21.3.4.

(1) Firebrick liners shall conform to ASTM C 27, "Classification of Fireclay and High-Alumina Refractory Brick."

(2) Firebrick liners shall be laid with high-temperature cement mortar conforming to CAN/CGSB-10.3, "Air-Setting Refractory Mortar."

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

58. Concrete Liners - 9.21.3.5.

(1) Concrete flue liners shall conform to Clause 4.2.6.4 of CAN/CSA-A405-M-87, "Design and Construction of Masonry Chimneys and Fireplaces."

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

59. Metal Liners - 9.21.3.6.

(1) Metal liners shall be constructed of not less than 0.3 mm thick stainless steel,

(2) Metal liners referred to in Sentence (1) shall only be used in chimneys serving gas- or oil-burning appliances.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

60. OBC 9.21.1.4. Chimney or Flue pipe walls

(1) The walls of any chimney or flue pipe shall be constructed to be smoke- and flame-tight.

9.21.2. Chimney Flues

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

61. ABC/BCBC/NBC 9.21.1.2. Chimney or Flue pipe walls

(1) The walls of any chimney or flue pipe shall be constructed to be smoke- and flame-tight.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

62. Size of Chimney Flues - 9.21.2.4

(1) Except for chimneys serving fireplaces, the size of a chimney flue shall conform to the requirements of the appliance installation standards referenced in Sentences 9.33.5.2.(1) and 9.33.5.3.(1).

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

63. Oval Chimney Flues - 9.21.2.6.

(1) The width of an oval chimney flue shall be not less than two-thirds its breadth.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

64. ABC/BCBC/NBC Separation of Flue Liners - 9.21.4.9.

(1) Flue liners in the same chimney shall be separated by not less than 75 mm (2¾”) of masonry or concrete exclusive of liners where clay liners are used, or 90 mm (3½”) of firebrick where firebrick liners are used.

(2) Flue liners referred to in Sentence (1) shall be installed to prevent significant lateral movement.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

65. OBC Separation of Flue Liners - 9.21.4.9.

(1) Flue liners in the same chimney shall be separated by not less than 70 mm (2.755”) of masonry or concrete exclusive of liners where clay liners are used, or 90 mm (3½”) of firebrick where firebrick liners are used.

(2) Flue liners referred to in Sentence (1) shall be installed to prevent significant lateral movement.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

66. Joints in Chimney Liners - 9.21.3.2.

(1) Joints of chimney liners shall be sealed to provide a barrier to the passage of flue gases and condensate into the cavity between the liner and the surrounding masonry.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

67. Joints in Chimney Liners - 9.21.3.2.

(2) Joints of clay, concrete or firebrick chimney liners shall be struck flush to provide a straight, smooth, aligned chimney flue.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

68. Installation of Chimney Liners - 9.21.3.7.

(1) Chimney liners shall be installed when the surrounding masonry or concrete is placed.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

69. Spaces between Liners and Surrounding Masonry - 9.21.3.8.

(1) A space not less than 10 mm (3/8”) wide shall be left between a chimney liner and surrounding masonry.

(2) The space required in Sentence (1) shall not be filled with mortar.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

70. Mortar for Chimney Liners 9.21.3.9.

- (1) Chimney liners used in chimneys for solid-fuel-burning appliances shall be laid in a full bed of
 - a) high temperature cement mortar conforming to CAN/CGSB-10.3, "Air Setting Refractory Mortar," or
 - b) mortar consisting of 1 part Portland cement to 3 parts sand by volume.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

71. Mortar for Chimney Liners - 9.21.3.9

- (2) Chimney liners used in chimneys for oil- or gas-burning appliances shall be laid in a full bed of mortar consisting of 1-part Portland cement to 3 parts sand by volume.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

72. Extension of Chimney Liners - 9.21.3.10.

- (1) Chimney liners shall extend from a point not less than 200 mm (8") below the lowest flue pipe connection to a point not less than 50 mm (2") or more than 100 mm (4") above the chimney cap.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

73. Height of Chimney Flues 9.21.4.4.

- (1) A chimney flue shall extend not less than **a)** 900 mm (36") above the highest point at which the chimney comes in contact with the roof, and **b)** 600 mm (24") above the highest roof surface or structure within 3 m (10') of the chimney.

Required Height = 900mm (3'/36") Actual = _____

Required = 600mm (2'/24") Actual = _____

Required Vertical within 3m Horizontal (10') Actual = _____

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

74. Lateral Stability - 9.21.4.5.

- (1) Except as provided in Sentence (2), chimneys shall be braced in accordance with Subsection 4.3.2. to provide lateral stability under wind loads.
- (2) A chimney need not be laterally braced provided **a)** no horizontal outside dimension is less than 400 mm (16"), and **b)** the chimney extends not more than 3.6 m (12') above a roof or the masonry wall of which it forms a part.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

75. Chimney Caps - 9.21.4.6.

- (1) The top of a chimney shall have a waterproof cap of reinforced concrete, masonry or metal.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

76. Chimney Caps - 9.21.4.6.

- (2) The cap required in Sentence (1) shall slope from the lining and be provided with a drip not less than 25 mm (1") from the chimney wall.

Compliance Condition and Comments

Yes No _____

N/A UTI _____

Photos taken:
 Yes

77. Chimney Caps - 9.21.4.6.

(3) Cast-in-place concrete caps shall be separated from the chimney liner by a bond break and be sealed at that location.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

78. Chimney Caps - 9.21.4.6.

(4) Jointed precast concrete or masonry chimney caps shall have flashing installed beneath the cap extending from the liner to the drip edge.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

79. Flashing - 9.21.4.10

(1) Junctions with adjacent materials shall be adequately flashed to shed water.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

80. Clearance from Combustible Materials - 9.21.5.1.

(1) The clearance between masonry or concrete chimneys and combustible framing shall be not less than **a)** 50 mm (2") for interior chimneys, and **b)** 12 mm (1/2") for exterior chimneys.

NOTE: A-9.21.5.1.(1) Clearance from Combustible Materials

For purposes of this Sentence, an exterior chimney can be considered to be one which has at least one surface exposed to the outside atmosphere or unheated space over the majority of its height. All other chimneys should be considered to be interior.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

81. Clearance from Combustible Materials - 9.21.5.1. (3) Combustible flooring and subflooring shall have not less than a 12 mm (1/2") clearance from masonry or concrete chimneys.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

82. Sealing of Spaces - 9.21.5.2 (1) All spaces between masonry or concrete chimneys and combustible framing shall be sealed top or bottom with noncombustible material.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

83. Support of Joists or Beams - 9.21.5.3 (1) Joists or beams may be supported on masonry walls which enclose chimney

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

84. Inclined Chimney Flues - 9.21.2.3

(1) Chimney flues shall not be inclined more than 45° to the vertical.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:
 Yes

85. Intersection of Shingle Roofs and Masonry 9.26.4.4.

- (1) The intersection of shingle roofs and masonry walls or chimneys shall be protected with flashing.
- (2) Counter flashing required in Sentence (1) shall be embedded not less than 25 mm in the masonry and shall extend not less than 150 mm (6") down the masonry and lap the lower flashing not less than 100 mm (4").
- (3) Flashing along the slopes of a roof described in Sentence (1) shall be stepped so that there is not less than a 75 mm (3") head lap in both the lower flashing and counter flashing.
- (4) Where the roof described in Sentence (1) slopes upwards from the masonry, the flashing shall extend up the roof slope to a point equal in height to the flashing on the masonry, but not less than 1.5 times the shingle exposure.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

86. Chimney Saddles - 9.26.4.8. (1) Except as otherwise permitted in Sentence (5), chimney saddles

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes

87. Fire Code = 2.6.1.4. Chimneys, Flues and Flue Pipes (1) Every chimney, flue and flue pipe shall be inspected to identify any dangerous condition **a)** at intervals not greater than 12 months, **b)** at the time of addition of any

Compliance Condition and Comments

-
-

Photos taken:

- Yes

88. Fire Code = 2.6.1.4 Chimneys, flues and flue pipes (2) Chimneys, flues and flue pipes shall be cleaned as often as necessary to keep them free from dangerous accumulations of combustible deposits.

Appendix A – A.2.6.1.4 (2) The presence in a chimney of deposits of soot or creosote in excess of 3mm thick will indicate the need for immediate cleaning, possible modification of burning procedures, and more frequent inspections.

Compliance Condition and Comments

-
-

Photos taken:

- Yes

89. Fire Code = 2.6.1.4 Chimneys, flues and flue pipes

(3) A chimney, flue, or flue pipe shall be replaced or repaired to eliminate **a)** any structural deficiency or decay

Appendix A – A-2.6.1.4. (3) a) Structural deficiencies are deviations from required construction, such as the absence of a liner or inadequate design of supports or ties. Instances of decay are cracking, settling, crumbling mortar, distortion, advanced corrosion, separation of sections, or loose or broken supports

Compliance Condition and Comments

-
-

Photos taken:

- Yes

90. Fire Code = 2.6.1.4 3) A chimney, flue, or flue pipe

(3) A chimney, flue, or flue pipe shall be replaced or repaired to eliminate **b)** all abandoned or unused openings that are not effectively sealed in a manner that would prevent the passage of fire or smoke.

Compliance Condition and Comments

- Yes No
- N/A UTI

Photos taken:

- Yes



File reference #: _____

Photos taken: Yes No Number of photos: _____

This checklist contains: _____ pages in total | This report contains: _____ pages in total.

Comments and observations:

All non-compliance ratings should be considered for comment. Add number of non-compliance line. More pages may be added.

Please attach additional page(s) if needed

Customer signature: _____

Inspector signature: _____

Inspector WETT #: _____

Date: _____

Date: _____

PHOTOS:

Section #: _____

Section #: _____

Section #: _____

Section #: _____


Section #: _____



Section #: _____



Section #: _____



Section #: _____



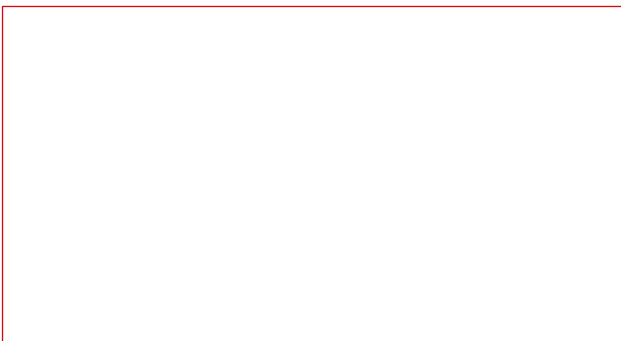
Section #: _____



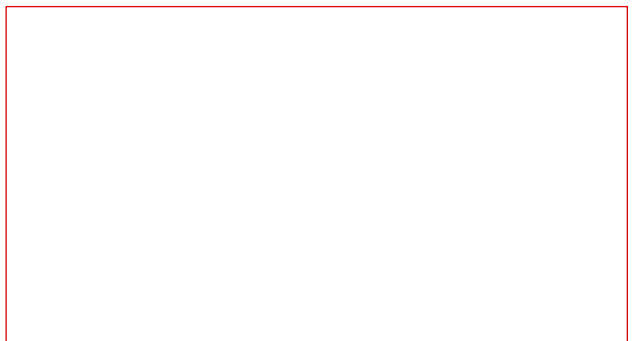
Section #: _____



Section #: _____



Section #: _____




Section #: _____



Section #: _____



Section #: _____



Section #: _____



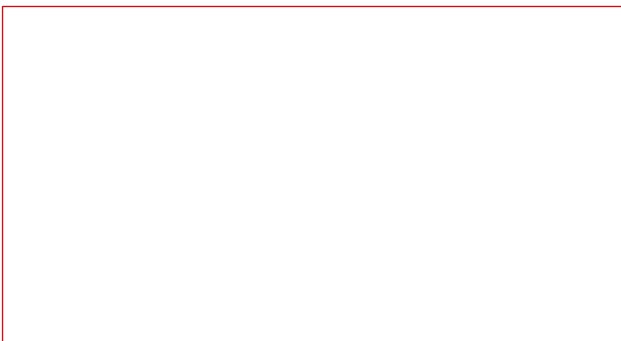
Section #: _____



Section #: _____



Section #: _____



Section #: _____

