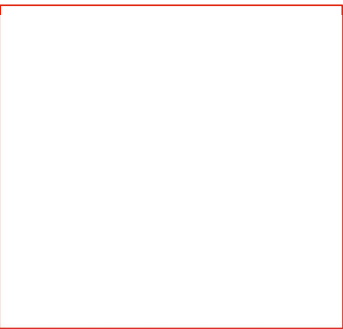




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This inspection form is provided to WETT members as a recommended part of completing a WETT Inspection™. If this form is modified in any way from the official form provided by WETT, it will no longer be considered to be an official WETT Inspection™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

Company: Driftwood Mechanical
Address: 103 Driftwood Village Drive
Website: www.driftwoodmechanical.com
Email: manager@driftwoodmechanical.com
Phone: 7053285772

REQUESTED BY:

Name: Shauna Andrews
Address: Add notes
Email: shaunassb@yahoo.ca
Phone: 416 917 5868
Cell Phone: _____

Inspector's name: Justin Phillips
Reason(s) for inspection: New Installation

Type of inspection requested: Visual Technical Invasive

Date of request: Feb 10 2026

INSPECTION LOCATION: Same as requested or:

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

WETT #: 6865

Date of inspection: Feb 10 2026

- 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.



FIREPLACE INSERT OR HEARTH-MOUNTED STOVE AND MASONRY CHIMNEY & FIREPLACE 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Appliance Make/Model/Serial #: <u>Napolean 1400s 480001363</u>
Are copies of building permit/s available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Installation manual available: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Original <input type="checkbox"/> Web download
Time of day: Hour _____ Minutes _____ AM/PM Weather conditions (ice, snow, wind, rain, thunderstorm, sunny): Select one: _____	Certification Standard: <input checked="" type="checkbox"/> ULC S628 <input type="checkbox"/> EPA <input type="checkbox"/> CSA B415 <input type="checkbox"/> Uncertified Date of manufacture: <u>2019</u>
Roofing type/material: <u>shingles</u>	Listing Agency: <input checked="" type="checkbox"/> ULC <input type="checkbox"/> CSA <input type="checkbox"/> WH/ETL <input type="checkbox"/> OTL <input type="checkbox"/> Other: _____
Roof accessed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Attic accessed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Appliance type: <input checked="" type="checkbox"/> Fireplace insert <input type="checkbox"/> Hearth-mounted stove Flue Collar Size (ID): <u>6</u>
Chimney/fireplace constructed with the building <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown Approximate age: _____	Is there a fan or blower attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Chimney/fireplace shell: <input checked="" type="checkbox"/> Brick <input type="checkbox"/> Block <input type="checkbox"/> Stone <input type="checkbox"/> Other: _____ Comments/condition (see notes)	Comments/condition of appliance (baffle plate, air tubes, bricks, gaskets, etc.): Suitable <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (see notes)
Rain cap: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> With screening <input type="checkbox"/> Without screening	Installed in: <input checked="" type="checkbox"/> _____ <input type="checkbox"/> Inside Masonry Firebox <input type="checkbox"/> On Hearth Extension <input type="checkbox"/> On Floor <input type="checkbox"/> On Hearth & Floor <input type="checkbox"/> Other: _____
Chimney is <input type="checkbox"/> Interior <input checked="" type="checkbox"/> Exterior Height from firebox floor: _____	Appliance location: <input type="checkbox"/> Basement <input checked="" type="checkbox"/> Main Floor <input type="checkbox"/> Other (specify): _____
How many flues in chimney: <u>1</u> Flue being inspected: Size _____ Material _____	Appliance Installed by: _____ Date: _____ <input checked="" type="checkbox"/> Unknown Approximate age: _____
Chimney lined with <input type="checkbox"/> Clay tile <input type="checkbox"/> Pumice liner <input type="checkbox"/> Stainless steel flex <input checked="" type="checkbox"/> Stainless steel rigid <input type="checkbox"/> No Liner <input type="checkbox"/> Insulated <input type="checkbox"/> UTI	
Chimney installed by: _____ Date: _____ <input checked="" type="checkbox"/> Unknown	
Fireplace is <input checked="" type="checkbox"/> Interior <input type="checkbox"/> Exterior	
Installed in: <input checked="" 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: _____	Certification Standard: <input checked="" type="checkbox"/> ULC S639 <input type="checkbox"/> Uncertified <input type="checkbox"/> Unknown Listing Agency: <input type="checkbox"/> ULC <input type="checkbox"/> CSA <input type="checkbox"/> WH/ETL <input type="checkbox"/> OTL <input type="checkbox"/> Other: _____
Fireplace location: <input type="checkbox"/> Basement <input checked="" type="checkbox"/> Main Floor <input type="checkbox"/> Other (specify): _____	Fireplace lined with <input type="checkbox"/> Firebrick <input checked="" type="checkbox"/> Steel <input type="checkbox"/> Steel heat form Is there a fan or blower attached? <input type="checkbox"/> Yes <input type="checkbox"/> No
Fireplace installed by: _____ Date: _____ <input checked="" type="checkbox"/> Unknown	
Does the unit share a venting system with another appliance? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	



Insert/Hearthmount

CLEARANCES/REQUIREMENTS	REQUIRED Certified	ACTUAL	CODE COMPLIANCE	PHOTOS TAKEN	
1. Combustible mantle - height/depth	_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
2. Top trim/facing	48 _____	48 _____	48 _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
3. Side trim/facing – right side	18 _____	18 _____	18 _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
4. Side trim/facing – left side	18 _____	18 _____	18 _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
5. Combustible side wall	16 _____	16 _____	24 _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
6. Ember pad material	Tile _____	Tile _____	Tile _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
7. Ember pad – front	18 _____	18 _____	18 _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
8. Ember pad – right side	8 _____	8 _____	8 _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
9. Ember pad – left side	8 _____	8 _____	8 _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
10. Floor protection material	tile _____	tile _____	tile _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
11. Radiant floor protection	<input checked="" 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
12. Floor protection – front	18 _____	18 _____	18 _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
13. Floor protection – right side	8 _____	8 _____	8 _____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
14. Floor protection – left side	8 _____	8 _____	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 Certified	ACTUAL	CODE COMPLIANCE	PHOTOS TAKEN
15. Is electrical outlet / wires installed inside firebox?	_____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
16. Has fireplace been modified?	yes _____ yes _____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
17. Is CO alarm present in same room with solid-fuel-burning appliance?	9.32.4.2 (BCBC)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> Yes
18. Is CO alarm present in same room with solid-fuel-burning appliance?	9.32.3.9 (NBC/ABC)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes
19. Is CO alarm present?	9.33.4 (OBC)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" 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.

It is the homeowner's responsibility to ensure that electrical is in working condition. NOTE: WETT inspectors, unless certified as electricians, do not inspect electrical if present.

20. _____ Yes No
 N/A UTI Yes



STAINLESS STEEL LINER

Manufacturer: Transcontinental Model 2100 Listing Agency: ULC Is manual available? Yes No
 Certification standard: ULC S635 ULC S640 Listing agency: ULC CSA WH/ETL OTL Unknown
 Diameter: 6 Comments _____

CLEARANCES/REQUIREMENTS	REQUIRED Certified	ACTUAL	CODE COMPLIANCE	PHOTOS TAKEN
21. Liner from top of appliance to top of chimney	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	_____	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
22. Connection to stainless steel liner	<u>screws</u> <u>screws</u>	<u>screws</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
23. Continuous liner	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<u>chimney</u>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
24. Connectors	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<u>yes</u>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes
25. Liner base tee	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A <input type="checkbox"/> UTI	<input type="checkbox"/> Yes

CLEARANCES/REQUIREMENTS	REQUIRED Certified		ACTUAL	CODE COMPLIANCE		PHOTOS TAKEN
26. Liner base tee support	<input type="checkbox"/> Yes	<input type="checkbox"/> No	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes
				<input checked="" type="checkbox"/> N/A	<input type="checkbox"/> UTI	
27. Liner/flashing/storm collar	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes
				<input type="checkbox"/> N/A	<input type="checkbox"/> UTI	
28. Insulated liner	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes
				<input type="checkbox"/> N/A	<input type="checkbox"/> UTI	
29.	_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes
				<input type="checkbox"/> N/A	<input type="checkbox"/> UTI	



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

30. 9.22.10.1) Appliance Standard Fireplace inserts and hearth-mounted stoves vented through the throat of a fireplace shall conform to ULC-S628, "Fireplace Inserts."

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

-
-

31. Footings = 9.22.1.3.1) Footings for masonry and concrete fireplaces shall conform to Section 9.15.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

32. Fireplace Chimneys = 9.21.2.5.1) The size of a chimney flue serving a masonry fireplace shall conform to Table 9.21.2.5.A or Table 9.21.2.5.B

Fireplace opening measurements: Height: _____ Width: _____ Total: _____

Flue size required _____

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

33. ABC/BCBC/NBC Lintels or Arches 9.20.5.2 1) Masonry over openings shall be supported by steel, masonry or reinforced concrete lintels, or masonry arches.

2) Steel angle lintels supporting masonry veneer above openings shall a) conform to Table 9.20.5.2. and b) have a bearing length not less than 90 mm (3 1/2").

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

34. OBC 9.20.5.2. Lintels or Arches (1) masonry over openings shall be supported by steel, reinforced concrete lintels or masonry arches designed to support the imposed loads.

(2) Except as provided in Sentences (3) and (6), steel angle lintels supporting masonry above openings shall conform to Table 9.20.5.2.A.

(3) Steel angle lintels supporting masonry veneer above openings shall conform to Table 9.20.5.2.B.

(4) Steel lintels described in Sentences (2) and (3) shall, (a) have even and level bearing and shall have not less than 150 mm (6") length of bearing at end supports, and (b) bear on masonry, concrete or steel.

(5) Steel angle lintels supporting masonry shall be primed or painted or otherwise protected from corrosion.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

35. Corbelling 9.20.12.1 All corbelling shall consist of solid units.

(2) The units referred to in Sentence (1) shall be corbelled so that the horizontal projection of any unit does not exceed 25 mm (1") and the total projection does not exceed one third of the total wall thickness.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

36. ABC/BCBC/NBC Combustion Air = 9.22.1.4 Where a supply of combustion air is provided directly to the fire chamber of a fireplace, including a factory-built fireplace, the installation shall comply with the "Outdoor Air Supply" requirements provided in CAN/CSA-A405-M, "Design and Construction of Masonry Chimneys and Fireplaces."

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

37. NBC/ABC - 9.33.5.5. Combustion Air 1) Combustion air intake inlets shall be located on the outside of the building and not within an attic or roof space or crawl space

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

38. 5 – OBC - 9.22.1.4. Combustion Air

(1) Every solid fuel-fired fireplace, including a factory-built fireplace, shall have a supply of combustion air from outdoors in accordance with Sentences (2) to (7).

(2) The combustion air shall be supplied by a *non-combustible* and corrosion-resistant supply duct.

(3) The supply duct shall have, (a) a diameter of not less than 100 mm (4") or equivalent area, and (b) an exterior intake for entry of air from the outdoors.

(4) The supply duct shall contain a tight-fitting damper that shall be located close to the interior outlet and be operable from the room containing the fireplace.

(5) The operating mechanism shall clearly indicate the actual position of the damper.

(6) The interior outlet shall, (a) be located as close as possible to the opening in the face of the fireplace, and (b) be designed to prevent embers from entering the supply duct.

(7) Where a supply of combustion air is provided directly to the fire chamber of a fireplace, including a factory-built fireplace or a steel fireplace liner, the installation shall comply with the "outdoor Air Supply" requirements provided in CAN/CSA-A405-M, "design and Construction of masonry Chimneys and fireplaces."

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

39. Brick or Steel Liners = 9.22.2.1.1) Except where a fireplace is equipped with a steel liner, every fireplace shall have a firebrick liner.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

40. Firebrick Liners = 9.22.2.2.1) Firebrick liners shall be not less than **a)** 50 mm (2") thick for the sides and back, and **b)** 25 mm (1") thick for the floor.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

41. Firebrick Liners = 9.22.2.2.2) Firebrick liners shall be laid with high temperature cement mortar conforming to CAN/CGSB-10.3, "Air Setting Refractory Mortar."

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

42. Firebrick Liners = 9.22.2.2.3) Joints between a firebrick liner and the adjacent backing masonry shall be offset.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

43. Steel Liners = 9.22.2.3.1) Steel liners for fireplaces shall conform to CAN/ULC-S639-M, "Steel Liner Assemblies for Solid-Fuel Burning Masonry Fireplaces," and shall be installed in accordance with the installation instructions in that standard

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

44. Thickness of Walls = 9.22.3.1.1) Except as provided in Sentence (2), the thickness of the back and sides of a fireplace, including the thickness of any firebrick liner, shall be not less than 190 mm (7 1/2") where a metal liner or a firebrick liner less than 51 mm (2") thick is used.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

45. Thickness of Walls = 9.22.3.1.2) When a steel fireplace liner is used with an air circulating chamber surrounding the firebox, the back and sides of the fireplace shall consist of **a)** solid masonry units not less than 90 mm (3 1/2") thick, or **b)** hollow masonry units not less than 190 mm (7 1/2") thick.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

46. Fire Chamber Dimensions = 9.22.4.1.1) The distance from the back of the fire chamber to the plane of the fireplace opening shall be not less than 300 mm (12")

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

47. Hearth Extension = 9.22.5.1.1) Except as required in Sentence (2), fireplaces shall have a non-combustible hearth extending not less than 400 mm (16") in front of the fireplace opening and not less than 200 mm (8") beyond each side of the fireplace opening.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

48. Hearth Extension = 9.22.5.1.2) Where the fire chamber floor is elevated more than 150 mm (6") above the hearth, the dimension of the hearth measured perpendicular to the plane of the fireplace opening shall be increased by not less than **a)** 50 mm (2") for an elevation above 150 mm (6") and not more than 300 mm (12"), and **b)** an additional 25 mm (1") for every 50 mm (2") in elevation above 300 mm (12")

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

49. Support of Hearth = 9.22.5.2.1) Except as permitted in Sentence (2), the fire chamber floor and hearth shall be supported on a reinforced concrete slab not less than 100 mm (4") thick at its supports and, if cantilevered, not less than 50 mm (2") thick at its unsupported edge.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

50. Support of Hearth = 9.22.5.2.2) A hearth for a fireplace with an opening raised not less than 200 mm (8") from a combustible floor is permitted to be supported on that floor provided the requirements of Clauses 5.3.6.5. to 5.3.6.7. of CAN/CSA-A405-M, "Design and Construction of Masonry Chimneys and Fireplaces" are followed.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

51. Slope of Smoke Chamber = 9.22.7.1.1) The sides of the smoke chamber connecting a fireplace throat with a flue shall not be sloped at an angle greater than 45° to the vertical.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

52. Wall Thickness = 9.22.7.2.1) The thickness of masonry walls surrounding the smoke chamber shall be not less than 190 mm (7½") at the sides, front and back, except that the portions of the back exposed to the outside may be 140 mm (5½") thick.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

53. Clearance to the Fireplace Opening = 9.22.9.1) Combustible material shall not be placed on or near the face of a fireplace within 150 mm (6") of the fireplace opening, except that where the combustible material projects more than 38 mm (1½") out from the face of the fireplace above the opening, such material shall be not less than 300 mm (12") above the top of the opening.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

54. Metal Exposed to the Interior = 9.22.9.2) Metal exposed to the interior of a fireplace such as the damper control mechanism shall have not less than a 50 mm (2") clearance from any combustible material on the face of the fireplace where such metal penetrates through the face of the fireplace.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

55. Clearance to Combustible Framing = 9.22.9.3.1) Not less than a 100 mm (4") clearance shall be provided between the back and sides of a fireplace and combustible framing, except that a 50 mm (2") clearance is permitted where the fireplace is located in an exterior wall.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

56. Clearance to Combustible Framing = 9.22.9.3.2 Not less than a 50 mm (2") clearance shall be provided between the back and sides of the smoke chamber of a fireplace and combustible framing, except that a 25 mm (1") clearance is permitted where the fireplace is located in an exterior wall.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

57. Heat-Circulating Duct Outlets = 9.22.9.4 The clearance of combustible material above heat-circulating duct outlets from those outlets shall be not less than **a**) 300 mm (12") where the combustible material projects not less than 38 mm (1½") from the face, and **b**) 150 mm (6") where the projection is less than 38 mm (1½")

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

58. ABC/BCBC/NBC/OBC Fireplace Inserts and Hearth-Mounted Stoves - Appliance Standard = 9.22.10.1.1 Fireplace inserts and hearth-mounted stoves vented through the throat of a fireplace shall conform to ULC-S628, "Fireplace Inserts."

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

59. ABC/BCBC/NBC Fireplace Inserts and Hearth-Mounted Stoves – Installation = 9.22.10.2.1 The installation of fireplace inserts and hearth-mounted stoves vented through the throat of a fireplace shall conform to CAN/CSA-B365, "Installation Code for Solid-Fuel-Burning Appliances and Equipment."

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

60. OBC Fireplace Inserts and Hearth-Mounted Stoves – Installation = 9.22.10.2.

(2) fireplace inserts and hearth mounted stoves vented through the throat of a fireplace described in Sentence (1) may be installed in existing fireplaces only if a minimum thickness of 190 mm of solid masonry is provided between the smoke chamber and any existing combustible materials, unless the insert is listed for lesser clearances.

(3) A fireplace insert installed in a masonry fireplace shall have, **(a)** a listed metal chimney liner installed from the insert collar to the top of the chimney, or **(b)** a direct sealed connection to the chimney flue where such provision is part of an insert conforming to Sentence 9.22.10.1.(1).

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

61. NFC 2.6.1.5 Clearances - 2) Combustible materials shall not be located within the required clearance space surrounding chimneys, flue pipes or appliances, or adjacent to ash pit or cleanout doors.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

62. 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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

63. Wall Thickness - 9.21.4.8. 1) The walls of a masonry chimney shall be built of solid units not less than (BCBC/ABC/NBC) 75 mm (3") thick or (OBC) 70 mm (2.75").

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

64. Lining Materials - 9.21.3.1. 1) Every masonry or concrete chimney shall have a lining of clay, concrete, firebrick or metal.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

65. Clay Liners - 9.21.3.3. 1) Clay liners shall conform to CAN/CSA-A324-M, "Clay Flue Liners"

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

66. Inclined Chimney Flues - 9.21.2.3 Chimney flues shall not be inclined more than 45° to the vertical.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

67. Firebrick Liners - 9.21.3.4. 1) Firebrick liners shall conform to ASTM C 27, "Fireclay and High-Alumina Refractory Brick."

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

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

68. 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."

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

69. 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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

70. Oval Chimney Flues - 9.21.2.6. 1) The width of an oval chimney flue shall be not less than two-thirds its breadth.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

71. Separation of Flue Liners - 9.21.4.9.

1) Flue liners in the same chimney shall be separated by not less than 75 mm (3") 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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

72. 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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

73. 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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

74. Installation of Chimney Liners - 9.21.3.7. 1) Chimney liners shall be installed when the surrounding masonry or concrete is placed.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

75. 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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

76. 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.

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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

77. 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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

78. 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 = _____

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

79. 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.

Condition: _____
Comments: _____
Compliance: Yes No N/A UTI _____

80. Chimney Caps - 9.21.4.6. 1) The top of a chimney shall have a waterproof cap of reinforced concrete, masonry or metal.

Condition: _____
Comments: _____
Compliance: Yes No N/A UTI _____

81. 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.

Condition: _____
Comments: _____
Compliance: Yes No N/A UTI _____

82. 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.

Condition: _____
Comments: _____
Compliance: Yes No N/A UTI _____

83. 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.

Condition: _____
Comments: _____
Compliance: Yes No N/A UTI _____

84. Flashing - 9.21.4.10. 1) Junctions with adjacent materials shall be adequately flashed to shed water.

Condition: _____
Comments: _____
Compliance: Yes No N/A UTI _____

85. 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.

Condition: _____
Comments: _____
Compliance: Yes No N/A UTI _____

86. 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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

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

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

88. Support of Joists or Beams - 9.21.5.3 Joists or beams may be supported on masonry walls which enclose chimney flues provided the combustible members are separated from the flue by not less than 290 mm (11 1/2") of solid masonry.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

89. 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 (1") 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.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

90. Chimney Saddles 9.26.4.8. 1) Except as otherwise permitted in Sentence (5), *chimney* saddles shall be installed where the upper side of a *chimney* on a sloping roof is more than 750 mm (30") wide.

- 5) A chimney saddle need not be installed if the intersection between the chimney and roof is protected by sheet metal flashing that extends up the chimney to a height equal to at least one sixth the width of the chimney, but not less than 150 mm (6"), and up the roof slope to a point equal in height to the flashing on the chimney, but not less than 1.5 times the shingle exposure.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

91. 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 appliance, and **c)** after any chimney fire.

Condition: _____

Comments: _____

Compliance: Yes No N/A UTI _____

92. Fire Code = 2.6.1.4 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.

93. Fire Code = 2.6.1.4 3) A chimney, flue, or flue pipe shall be replaced or repaired to eliminate 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

94. Fire Code = 2.6.1.4 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.

95. 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 appliance, and **c)** after any chimney fire.
- 2) Chimneys, flues and flue pipes shall be cleaned as often as necessary to keep them free from dangerous accumulations of combustible deposits.
- 3) A chimney, flue, or flue pipe shall be replaced or repaired to eliminate **a)** any structural deficiency or decay, and **b)** all abandoned or unused openings that are not effectively sealed in a manner that would prevent the passage of fire or smoke.

Appendix A A-2.6.1.4.(1)

External inspection of enclosed chimneys and surrounding construction may require the installation of one or more access openings in the enclosure surrounding the chimney. The presence of scorched or charred adjacent combustible construction will indicate the need for further investigation of the cause of the overheating.

Internal inspection of chimneys can be accomplished by lowering a light from the top, insertion of a light at the bottom or at intermediate locations, together with the use of one or more mirrors.

During inspection of a chimney connected to an operating appliance, the presence of dense smoke at the outlet will indicate improper operation of the appliance, incorrect sizing of the chimney or that unsuitable fuels are being used. These factors must be promptly corrected to reduce the accumulation of combustible deposits on the chimney and flue pipe walls.

Appendix A A-2.6.1.4.(2)

The presence in a chimney of deposits of soot or creosote in excess of 3 mm thick will indicate the need for immediate cleaning, possible modification of burning procedures, and more frequent inspections. *(Amount of creosote should be noted in comments section.)*

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.

Appendix A 2.6.1.5. Clearances

- 1) Required clearances between chimneys, flue pipes or appliances and combustible construction shall be maintained in conformance with the NBC.
- 2) Combustible materials shall not be located within the required clearance space surrounding chimneys, flue pipes or appliances, or adjacent to ash pit or cleanout doors.

Appendix A 2.6.1.6. Operation and Maintenance Procedures

- 1) Heating, ventilating and air-conditioning systems, including appliances, chimneys and flue pipes, shall be operated and maintained so as not to create a hazardous condition.



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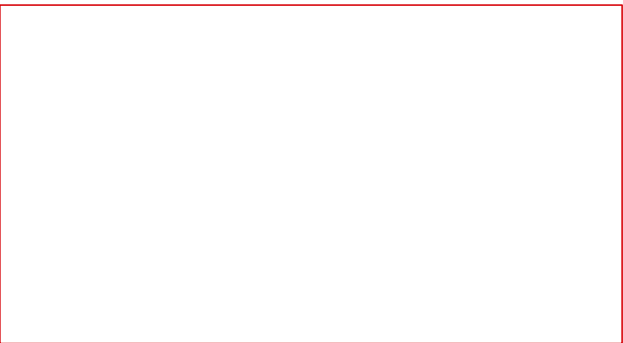
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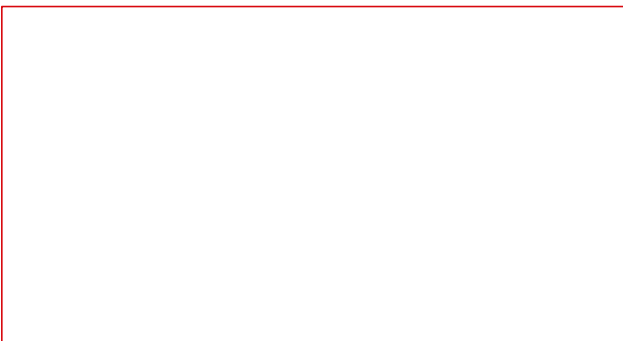
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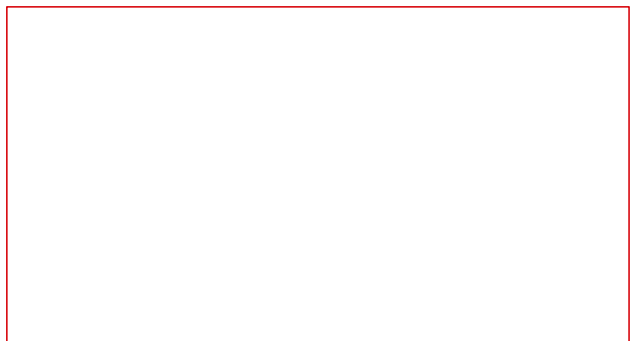
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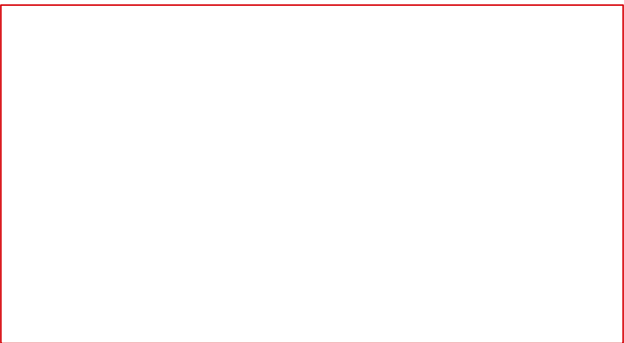
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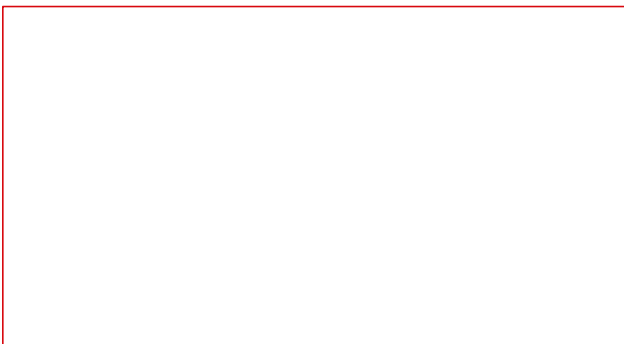
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