

## STRUCTURE AND SITE HAZARD ASSESSMENT FORM

| Factor                               | Characteristics and point ratings  |   | Score |
|--------------------------------------|--|---|-------|
| <b>HOME</b>                          |  |   |       |
| <b>1 Roof material</b>               | Fire rated roof assembly (metal, clay, asphalt roof)   | Unrated wood shakes   |       |
|                                      | 0  | 30  |       |
| <b>2 Roof cleanliness</b>            | No tree needles or other combustible material  | Tree needles and other combustible material present   |       |
|                                      | 0  | 3   |       |
| <b>3 Vents and openings</b>          | Fire rated vents (ASTM or UL) with 3 mm screening  | Unrated vents, with no screening  |       |
|                                      | 0  | 6   |       |
| <b>4 Eaves</b>                       | Closed eaves   | Open eaves  |       |
|                                      | 0  | 6   |       |
| <b>5 Building exterior</b>           | Non-combustible or ignition resistant siding (fibre cement board, stucco, log, metals, brick/stone)  | Combustible siding or non-ignition resistant siding (vinyl, wood, acrylic stucco)                                   |       |
|                                      | 0  | 6   |       |
| <b>6 Building exterior condition</b> | No gaps or cracks, missing siding or holes.  | Gaps, cracks or holes   |       |
|                                      | 0  | 6   |       |
| <b>7 Ground-to-siding clearance</b>  | 15 centimetres non-combustible vertical ground-to-siding clearance   | No 15 centimetres of non-combustible vertical ground-to-siding clearance  |       |
|                                      | 0  | 30  |       |
| <b>8 Balcony, deck or porch</b>      | N/A, no gaps or cracks, solid wood, non-combustible or fire-rated construction with non-combustible surface and no combustible debris under deck | Gaps or cracks, no solid wood or fire-rated construction with combustible surface and combustible debris under deck |       |
|                                      | 0  | 30  |       |
| <b>9 Setback from edge of slope</b>  | Building is located on the bottom or lower portion of hill   | Building is located on the mid to upper portion or crest of a hill  |       |
|                                      | 0  | 6   |       |

| <b>HOME - continued</b>   |  |   |              |
|---|--|---|--------------|
| <b>Factor</b>   | <b>Characteristics and point ratings</b>   |   | <b>Score</b> |
| <b>10 Windows</b>   | Tempered glass in all doors and windows and treated Non-combustible Zone and Priority Zone 1 | Double pane glass small/medium and treated Non-combustible Zone and Priority Zone 1 |              |
|   | 0  | 1   |              |
|   | Double pane glass large and treated Non-combustible Zone and Priority Zone 1                 | Single pane glass-small/medium and treated Non-combustible Zone and Priority Zone 1 |              |
|   | 2  | 4   |              |
|   | Single pane glass large and treated Non-combustible Zone and Priority Zone 1                 |   |              |
| 6   |  |   |              |
| <b>TOTAL HOME SCORE</b>   |  |   |              |
| <b>YARD Non-combustible Zone (0 – 1.5 metres)</b>   |  |   |              |
| <b>Factor</b>   | <b>Characteristics and point ratings</b>   |   | <b>Score</b> |
| <b>11 1.5 metres from furthest extent of home (includes overhangs, extensions and decks)</b>                | Non-combustible surface, no combustible debris, materials, fences or plants present          | Combustible surface, combustible debris, fences or plants present                   |              |
|   | 0  | 30  |              |
| <b>TOTAL NON-COMBUSTIBLE ZONE SCORE</b>   |  |   |              |
| <b>YARD Zone 1 (1.5 – 10 metres)</b>  |  |   |              |
| <b>Factor</b>   | <b>Characteristics and point ratings</b>   |   | <b>Score</b> |
| <b>12 Woodpiles and other combustible materials storage (Vehicles, construction materials, debris etc.)</b> | More than 10 metres from home  | Less than 10 metres from home   |              |
|   | 0  | 30  |              |

| <b>YARD Zone 1 (1.5 – 10 metres) - <i>continued</i></b>   |  |  |   |              |    |
|---|--|--|---|--------------|----|
| <b>Factor</b>   | <b>Characteristics and point ratings</b>   |  |   | <b>Score</b> |    |
| <b>13 Unmitigated building locations (buildings that are not-mitigated to the same standards as primary home)</b> | More than 15 metres from home  | Less than 15 metres from home  |   |              |    |
|   | 0  | 30   |   |              |    |
| <b>14 Forest vegetation within 10 metres of home</b>  | Healthy deciduous - separated, low flammability (i.e. poplar, aspen, birch)  | Mixedwood (both evergreen and deciduous)   | Conifer (i.e. spruce, pine, fir, cedar) |              |    |
|   | 0  | 30   | 30                                      |              |    |
| <b>15 Surface vegetation and combustible materials</b>  | Well maintained lawn (15 centimetres or shorter; low flammability; low growing discontinuous plants with treated Non-combustible Zone (0-1.5 metres) | Unmaintained grass (greater than 15 centimetres); flammable plants; continuous plants or tall growing plants; untreated Non-combustible Zone |   |              |    |
|   | 0  | 30   |   |              |    |
|   | Twigs, branches, logs and accumulations of tree needles or leaves and other combustible materials  |  |   |              | 30 |
|   |  |  |   |              |    |
| <b>TOTAL ZONE 1 SCORE</b>   |  |  |   |              |    |

|                     |                          |                              |                            |                               |
|---------------------|--------------------------|------------------------------|----------------------------|-------------------------------|
| <b>HAZARD LEVEL</b> | <b>Low &lt;21 points</b> | <b>Moderate 21–29 points</b> | <b>High 30 – 35 points</b> | <b>Extreme &gt; 35 points</b> |
|---------------------|--------------------------|------------------------------|----------------------------|-------------------------------|

