

STRUCTURE AND SITE HAZARD ASSESSMENT FORM

Factor	Page reference	Characteristics and point ratings				Score	
1 Roofing material	2-5	Metal, tile, asphalt, ULC-rated shakes or non-combustible material	Unrated wood shakes				
		0	30				
2 Roof cleanliness	2-6	No combustible material	Scattered combustible material, <1 cm in depth	Clogged gutter, combustible material \geq 1 cm in depth			
		0	2	3			
3 Building exterior	2-7	Non-combustible stucco or metal siding	Log, heavy timbers	Wood or vinyl siding or wood shake			
		0	1	6			
4 Eaves, vents and openings	2-8	Closed eaves, vents screened with 3 mm mesh and accessible	Closed eaves, vents not screened with 3 mm mesh	Open eaves, vents not screened, debris accumulation			
		0	1	6			
5 Balcony, deck or porch	2-9	None, or fire-resistant material sheathed in	Combustible material, sheathed in	Combustible material, not sheathed in			
		0	2	6			
6 Window and door glazing	2-10	Tempered	Double Pane		Single Pane		
			Small/medium	Large	Small/medium	Large	
		0	1	2	2	4	
7 Location of nearby combustibles	2-11	None or >10 metres from structure	<10 metres from structure				
		0	6				
8 Setback from edge of slope	2-12	Adequate	Inadequate				
		0	6				
9 Forest vegetation (overstory)	2-14	Deciduous	Mixed wood	Coniferous			
				Separated	Continuous		
		<10 metres	0	30	30		30
10 - 30 metres	0	10	10	30			
10 Surface vegetation	2-16	Lawn or non-combustible material	Wild grass or shrubs	Dead and down woody material			
				Scattered	Abundant		
		<10 metres	0	30	30		30
10 - 30 metres	0	5	5	30			
11 Ladder fuels	2-17	Absent	Scattered	Abundant			
		0	5	10			
Total Score for Factors 1 – 11							
Structure and Site Hazard Level							

Hazard Level Low <21 points Moderate 21-29 points High 30-35 points Extreme >35 points



FIRE IGNITION AND PREVENTION CHECKLIST

Factor	Page Reference	Yes	No
Ignition potential (area)			
Frequent lightning fires	2-21		
Frequent or potential for human caused fires	2-21		
Aspect — south or west	2-22		
Ignition potential (structure and site)			
Chimney — unscreened	2-22		
Chimney — overhanging branches	2-22		
Chimney — inadequate clearance	2-22		
Burning barrel / fire pit — inadequate	2-23		
Overhead powerlines near vegetation	2-24		
Propane tanks near vegetation / structure	2-24		
<p>Questions answered with “yes” indicate conditions that contribute to hazard. Questions answered with “no” are items favorable to lower hazard.</p>			

FIRE SUPPRESSION CHECKLIST

Factor	Page Reference	Yes	No
Fire service			
Response time longer than 10 minutes	2-25		
Access to area for emergency vehicles — inadequate	2-25		
Access to structure — inadequate	2-25		
Water supply			
Municipal — not available	2-27		
On site — not available	2-27		
Suppression equipment on site — not available	2-28		
<p>Questions answered with “yes” indicate conditions that contribute to hazard. Questions answered with “no” are items favorable to lower hazard.</p>			

