



# Fire Hazard Assessment Form

REFERENCE	LICENCE	LICENSEE				
	BLOCK	LOCATION	SURVEY DATE (mm/dd/yyyy)			
	SURVEYED BY		PROFESSIONAL DESIGNATION			
1. CONSEQUENCE	Distance to communities <sup>(1)</sup>	> 5 km 1	1 - 5 km 4	0.5 - 1 km 8	< 0.5 km 13	
	Distance to Hydro transmission lines	> 5 km 1	1 - 5 km 3	0.5 - 1 km 6	< 0.5 km 9	
	Distance to community watersheds	> 5 km 1	1 - 5 km 2	0.5 - 1 km 4	< 0.5 km 7	
	Other values at risk (specify):	> 5 km 1	1 - 5 km 2	0.5 - 1 km 4	< 0.5 km 7	
	Total Consequence Points	Low: 0-6 Moderate: 7-15	High: 16-22 Extreme: >22	Consequence Rating		
2. FUEL LOAD HAZARD	Fuel depth, average depth of all woody fuels	< 20 cm 1	20 - 40 cm 3	40 - 60 cm 5	> 60 cm 7	
	Horizontal fuel arrangement, % cover for fine fuels < 7.1 cm	< 15% 1	15 - 30% 3	31 - 45% 5	> 45% 10	
	Horizontal fuel arrangement, % cover for all woody fuels	< 20% 1	20 - 50% 3	51 - 80% 5	> 80% 7	
	Vertical fuel arrangement, fine fuels < 7.1 cm	Mixed with soil 1	On ground 3	Partially elevated 5	Mostly elevated 7	
	Contributing vegetation (e.g., include grasses, dead & dried herbs/ shrubs, exclude green herbs/ shrubs)	None 0	Low 1	Moderate 3	High 5	
	Fine fuel percentage of volatile species, cedar slash component	0% 0	< 20% 2	20 - 40% 4	41 - 60% 6	> 60% 8
	Total Fuel Load Points	Low: 0-8 Moderate: 9-15	High: 16-23 Extreme: >23	Fuel Load Hazard		
3. IGNITION/ FIRE SPREAD	Lightning ignition risk <sup>(2)</sup>	Low 1	Moderate 3	High 5	Extreme 7	
	Human ignition risk <sup>(2)</sup>	Low 0.5	Moderate 1.5	High 2.5	Extreme 3.5	
	Level of access to area	No access 0.5	Poor access 1.5	Good access 2.5	Ready access 3.5	
	Size of cutblock area	< 20 ha 1	20 - 40 ha 3	41 - 60 ha 5	> 60 ha 7	
	Aspect of area	N, NE 1	NW, E 2	W, SE, level, variable 3	S, SW 4	
	Slope in steepest third of block or Treatment Unit	< 20 % 1	20 - 35% 2	36 - 45% 3	> 45% 4	
	Slope position (landscape scale)	Top third 1	Valley Bottom 2	Bottom third 3	Middle third 4	
	Adjacent unabated slash hazards or hazardous standing timber <sup>3</sup> , as percentage of perimeter	None 0	< 15% 2	16 - 40% 4	> 40% 6	
	Fine fuel loading (in-block) within 30 m of cutblock edges	None, fuel free 0	Lower than block average 1	Consistent 2	Higher than block average 3	
	Total Ignition/ Fire Spread Points	Low: 6-13 Moderate: 14-25	High: 26-32 Extreme: >32	Ignition/ Spread Hazard		

References:

<sup>(1)</sup> [Wildland Urban Interface Risk Class Maps \[ link \]](#)

<sup>(2)</sup> [BCTS Fire Hazard Assessment Guide, Appendix B \[ link \]](#)

<sup>(3)</sup> hazardous standing timber based on professional judgment (e.g., accumulated blowdown, high proportion of standing dead trees, accumulations of fine surface fuels > 2.0 kg/m<sup>2</sup> in an area greater than 0.1 ha)

Instructions:

For guidance on how to complete a fire hazard assessment, please refer to [BCTS Fire Hazard Assessment Guide](https://www2.gov.bc.ca/gov/content/industry/forestry/bc-timber-sales/forest-certification/ems-sfm)  
<https://www2.gov.bc.ca/gov/content/industry/forestry/bc-timber-sales/forest-certification/ems-sfm>

RATIONALE (Comments to support abatement decision, abatement strategy. Attach pages as needed.)

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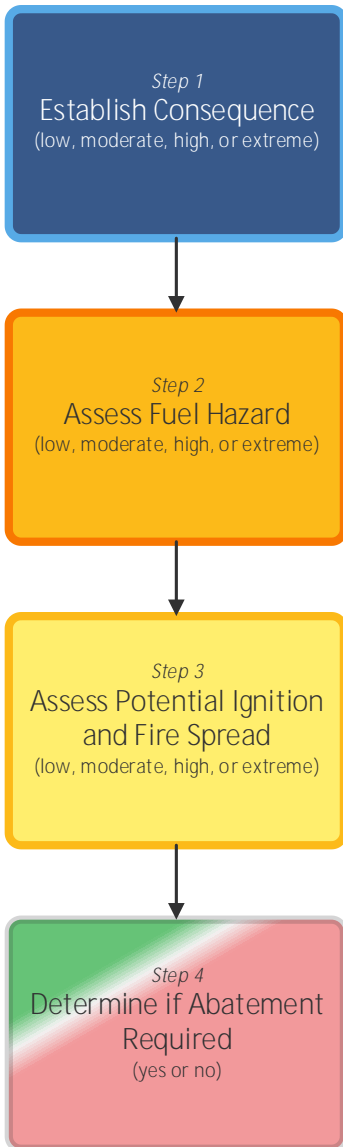
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## Fire Hazard Abatement Decision:

### KEY STEPS TO FIRE HAZARD ASSESSMENT



### SUGGESTED ABATEMENT DECISION

		Low Consequence			
		Ignition Hazard and Fire Spread			
		Low	Moderate	High	Extreme
Fuel Hazard	Low	No	No	No	No
	Moderate	No	No	No	Abate
	High	No	Abate	Abate	Abate
	Extreme	No	Abate	Abate	Abate

Table 4a. Low consequence scoring matrix

		Moderate Consequence			
		Ignition Hazard and Fire Spread			
		Low	Moderate	High	Extreme
Fuel Hazard	Low	No	No	No	Abate
	Moderate	No	*Rationale Required	Abate	Abate
	High	Abate	Abate	Abate	Abate
	Extreme	Abate	Abate	Abate	Abate

Table 4b. Moderate consequence scoring matrix

		High Consequence			
		Ignition Hazard and Fire Spread			
		Low	Moderate	High	Extreme
Fuel Hazard	Low	No	No	Abate	Abate
	Moderate	No	Abate	Abate	Abate
	High	Abate	Abate	Abate	Abate
	Extreme	Abate	Abate	Abate	Abate

Table 4c. High consequence scoring matrix

		Extreme Consequence			
		Ignition Hazard and Fire Spread			
		Low	Moderate	High	Extreme
Fuel Hazard	Low	No	Abate	Abate	Abate
	Moderate	Abate	Abate	Abate	Abate
	High	Abate	Abate	Abate	Abate
	Extreme	Abate	Abate	Abate	Abate

Table 4d. Extreme consequence scoring matrix