

# PRESCRIBED FIRE BURN PLAN

	YEAR 1	YEAR 2	YEAR 3
Registration Number			
Client Number			

**Submitted by:**

Company or Agency & Applicant Name
Signature:

**FIRE COMPLEXITY RATING:**

CLICK HERE TO VIEW THE COMPLEXITY RATING WORKSHEET.

Date:
Certification Level:

**Reviewed by: (may have more than one reviewer)**

**REVIEWER MUST BE QUALIFIED ACCORDING TO THE COMPLEXITY RATING OF THIS FIRE.**

Name:
Signature:

Date:
Certification Level:

**PRESCRIBED FIRE BURN PLAN APPROVED:**

Designated Forest Official - Protection

Name:
Signature:

Date:
Certification Level:

**EXTENSION APPROVED:**

YEAR 2	Name:	Date:
	Signature:	Certification Level:
YEAR 3	Name:	Date:
	Signature:	Certification Level:

**AUTHORIZATION TO CONDUCT THE PRESCRIBED BURN ON THE SITE MUST BE ACQUIRED FROM THE LAND MANAGER PRIOR TO SUBMITTING THE BURN PLAN.**

**THIS BURN PLAN DOES NOT PROVIDE FOR APPROVAL UNDER THE ENVIRONMENTAL MANAGEMENT ACT, OPEN BURNING SMOKE CONTROL REGULATION**

Online help at <http://bcwildfire.ca/Prevention/PrescribedFire/burnplanhelp.htm>

# PREScribed FIRE BURN PLAN

## TABLE OF CONTENTS / BURN PLAN CHECKLIST

**Complete (X)  
or N/A**

**Section and Title**


- COVER SHEET
- TABLE OF CONTENTS (this page)
- A. PROJECT OVERVIEW
- B. FUEL/STAND DESCRIPTION
- C. PRESCRIBED BURN OBJECTIVES AND DESIRED FIRE EFFECTS
- D. VALUES AT RISK
- E. PUBLIC RELATIONS AND INFORMATION STRATEGY
- F. PRESCRIBED BURN OPERATIONS
- G. PRESCRIBED BURN BUDGET ESTIMATES (if required)
- H. MONITORING AND DOCUMENTATION

**Attached Schedules**


- 1. STAND/FUELS DESCRIPTION MAP (if required)
- 2. PRESCRIBED FIRE COMPLEXITY WORKSHEET & RATING GUIDE (mandatory)
- 3. ORGANIZATION CHART (if required)
- 4. ON SITE COMMUNICATIONS PLAN (if required)
- 5. MEDICAL OPERATIONS PLAN (if required)
- 6. SAFE WORK PROCEDURES (if required)
- 7. INFORMATION PLAN - NOTIFICATION CHECKLIST (if required)
- 8. INFORMATION PLAN - PUBLIC NOTICE (if required)
- INFORMATION PLAN - PUBLIC NOTICE - RADIO STATION (if required)
- 9. TRAFFIC PLAN (if required)
- 10. SECURITY PLAN (if required)
- 11. PRESCRIBED FIRE "GO-NO-GO" CHECKLIST (mandatory)
- 12. BURN PLAN MAP (mandatory)

# PRESCRIBED FIRE BURN PLAN

## A. PROJECT OVERVIEW

### Location:

Geographic Location	
Base Map/ Opening	
Fire Centre	
Zone	

Lat/Long	
Forest Region	
District	
TSA	

### Legal:

Land Status	
Licencee/ Owner	
Land Description	

Tenure/ Licence	
Phone No. (24 hr.)	
Plan Number	

### Information:

Burning Supervisor	
Size	

Phone No. (24 hr.)	
Photo Line Number	

<b>General Description</b>



# PRESCRIBED FIRE BURN PLAN

## B. FUEL/STAND DESCRIPTION

1) Biogeoclimatic Subzone	
2) Site Series	
3) FBP Fuel Type	
4) Forest Cover	
5) Slope	
6) Aspect	
7) Elevation	
8) Slope Position	
9) Valley Orientation	
10) Duff Depth	
11) Soil Texture (predominant)	
12) Fuel Loading	

Additional Comments



# PRESCRIBED FIRE BURN PLAN

## C. PRESCRIBED BURN OBJECTIVES AND DESIRED FIRE EFFECTS

Summary

Weather

Fire Weather Indices/Codes

Fuel Moisture Content

Fire Behaviour to Meet Desired Fire Effects

Smoke Management



# PRESCRIBED FIRE BURN PLAN

## D. VALUES AT RISK

Threatened Areas (outside the burn area)

Areas to be Protected: (inside the burn area)

## E. PUBLIC RELATIONS AND INFORMATION STRATEGY



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# PRESCRIBED FIRE BURN PLAN

## F. PRESCRIBED BURN OPERATIONS

### Pre-Burn Preparations

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# PRESCRIBED FIRE BURN PLAN

## F. PRESCRIBED BURN OPERATIONS

Ignition and Control Plan

Fire Suppression Resources at Burn Area for Ignition and Control

Adult Persons	Hand Tools	Pumps	Hose	Heavy Equipment	Other



# PRESCRIBED FIRE BURN PLAN

## F. PRESCRIBED BURN OPERATIONS (continued)

**Mopup and Patrol Objectives**  
 All fires will be extinguished \_\_\_\_\_ days after ignition.

Adult Persons	Hand Tools	Pumps	Hose	Heavy Equipment	Other

*(total resources to be available and required for mop-up and patrol for Day 2 and onward)*

**Patrol Plan**



# PRESCRIBED FIRE BURN PLAN

## F. PRESCRIBED BURN OPERATIONS (continued)

Escape Fire Contingency Plan

Total Resources Required in Event of a Fire Escape

Adult Persons	Hand Tools	Pumps	Hose	Heavy Equipment	Other

# PRESCRIBED FIRE BURN PLAN

## G. PRESCRIBED BURN BUDGET ESTIMATES (if required)

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## H. MONITORING AND DOCUMENTATION

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Documentation



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# PRESCRIBED FIRE BURN PLAN

Schedule 1. STAND/FUELS DESCRIPTION MAP (if required)

Comments

# PRESCRIBED FIRE BURN PLAN

## Schedule 2. PRESCRIBED FIRE COMPLEXITY WORKSHEET & RATING GUIDE (mandatory)

Complexity Element	Weighting Factor	Complexity Factor	Total Value
Safety			
Threats to Boundaries			
Fire Behaviour			
Objectives			
Size of Burn Organization			
Improvements within or adjacent to Burn Area			
Environmental/Timber/Cultural or Social Values			
Air Quality Values/Issues			
Logistic Considerations			
Political Considerations			
Tactical Operations			
Multiagency Involvement			
<b>PROJECT TOTAL</b>			

Type III Burn Boss Required for Projects with Rating of 40-51

Type II Burn Boss Required for Projects with Rating of 52-84

Type I Burn Boss Required for Projects with Rating of >84

The Prescribed Fire Complexity Analysis provides a method to assess the complexity of the Planned prescribed fire project. The analysis incorporates an assigned numeric rating complexity value for specific complexity elements that are weighted in their contribution to overall complexity. The weighted value is multiplied by the numeric rating value to provide a total value for that element. All elements are then "added to generate the total project complexity value. Breakpoint values are provided for low & moderate and high complexity elements." This complexity worksheet is accompanied (on the Prescribed Fire web site - click the button below) by a guide to numeric values for each complexity element shown

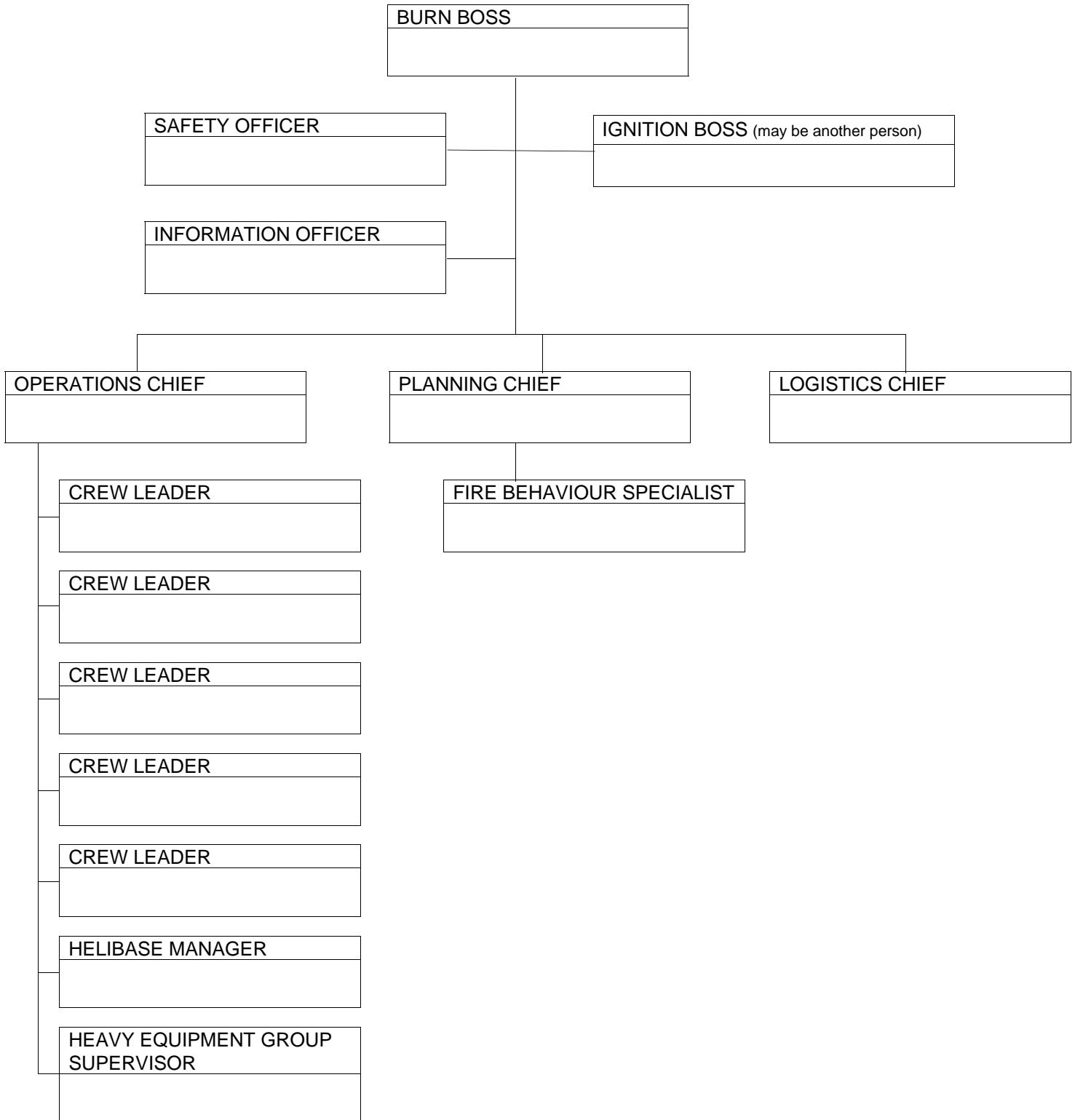
### Guide to Numeric Values at

<http://bcwildfire.ca/Prevention/PrescribedFire/burnplanhelp.htm#wshelp>



# PREScribed FIRE BURN PLAN

## Schedule 3. ORGANIZATION CHART (if required)





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# PRESCRIBED FIRE BURN PLAN

Schedule 4. ON SITE COMMUNICATIONS PLAN (if required)

A large, empty rectangular box intended for the On Site Communications Plan.



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# PRESCRIBED FIRE BURN PLAN

Schedule 5. MEDICAL OPERATIONS PLAN (if required)

A large, empty rectangular box intended for the Medical Operations Plan.

FS 379 - Medical Operations Plan at  
<http://www.for.gov.bc.ca/isb/forms/lib/fs379.pdf>





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# **PRESCRIBED FIRE BURN PLAN**

Schedule 6. SAFE WORK PROCEDURES (if required)

A large, empty rectangular box intended for the user to provide safe work procedures for the prescribed fire burn plan.





# PRESCRIBED FIRE BURN PLAN

Schedule 8. PUBLIC NOTICE (if required)

Schedule 8. PUBLIC NOTICE - RADIO STATION



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# PRESCRIBED FIRE BURN PLAN

Schedule 9. TRAFFIC PLAN (if required)

A large, empty rectangular box intended for the user to draw or write a traffic plan for the prescribed fire burn.



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# PRESCRIBED FIRE BURN PLAN

Schedule 10. SECURITY PLAN (if required)

A large, empty rectangular box intended for the security plan content.

# PRESCRIBED FIRE BURN PLAN

## Schedule 11. GO NO-GO CHECKLIST (mandatory)

**A 'NO' RESPONSE TO ANY ITEM MEANS STOP!**

Project Name		Burn Boss	
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Checklist Item	YES	NO
1. Is burn plan complete and approved?	<input type="checkbox"/>	<input type="checkbox"/>
2. Are all fire prescription specifications met? (fire weather indices / site conditions)	<input type="checkbox"/>	<input type="checkbox"/>
3. Are all smoke management prescription specifications and requirements met? Has the public information and communications plan been fully implemented?	<input type="checkbox"/>	<input type="checkbox"/>
4. Is the current and projected fire weather forecast favourable?	<input type="checkbox"/>	<input type="checkbox"/>
5. Are all personnel, required in the prescribed burn plan, on site and qualified for assigned positions?	<input type="checkbox"/>	<input type="checkbox"/>
6. Have all personnel been briefed on the prescribed burn plan requirements?	<input type="checkbox"/>	<input type="checkbox"/>
7. Have all personnel been briefed on the project safety plan, including known hazards, and L.C.E.S. (Lookouts, Communications, Escape Routes, and Safety Zones)?	<input type="checkbox"/>	<input type="checkbox"/>
8. Is all the required equipment in place and in working order?	<input type="checkbox"/>	<input type="checkbox"/>
9. Are available resources including backup, adequate for containment of potential escapes? Are the assigned resources in place?	<input type="checkbox"/>	<input type="checkbox"/>
10. Is the test burn adequate for assessing the burn's potential?	<input type="checkbox"/>	<input type="checkbox"/>
11. In your opinion, can the burn be carried out according to plan and will it meet the planning objectives?	<input type="checkbox"/>	<input type="checkbox"/>
12. Is there an adequate contingency plan developed? Has it been communicated to assigned supervisors?	<input type="checkbox"/>	<input type="checkbox"/>
13. Have notifications been completed?	<input type="checkbox"/>	<input type="checkbox"/>



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# PRESCRIBED FIRE BURN PLAN

## Schedule 12. BURN PLAN MAP (mandatory)

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Comments