

COURSE: Prescribed Fire Planning and Implementation

TOPIC: Smoke Management (Unit 5)

LESSON A: Legislative and Legal Considerations

HANDOUT 2: Pros and Cons of Available Masks

----- Mask Type-----

	Disposable	Half Mask	Full Face
Over-confidence	X	X	X
Training required	X	X	X
Light weight	X	X	X
Good eye protection			X
Good fit			X
Good smoke protection		X	X
Bulky		X	X
Difficult to breathe through		X	X
Shield easily scratched			X
No protection from CO	X	X	X
Preferred in heavy smoke			X
Preferred in light smoke	X	X	
Problem for mobile crews		X	X

No beards			X
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HANDOUT 3: Mitigating Measures for Smoke Exposure

1. Monitor for carbon monoxide.
2. Ignite to pull smoke away from central lines.
3. Foam areas outside fire line to reduce spotting potential.
4. Conduct burns under high fuel moisture conditions.
5. Conduct burns under light wind conditions.
6. Reduce holding and mop up.
7. Rotate crews.
8. Provide awareness training.
9. Provide respirators.