



Questions for 2025 Online RT-130 Annual Fireline Safety Refresher In-State

Please watch videos/read content and answer the questions below about each lesson. After you are finished, initial on the completion verification form. Submit your completed question sheet and completion verification form via email to Ryan.Schlater@dnr.iowa.gov. Use additional sheets if needed.

Drip Torch Maintenance and Issues

1. [Drip Torch Review](#)
2. [Drip Torch Troubleshooting](#)
3. [Drip Torch Maintenance](#)
4. [Drip Torch on Pants](#)

1. What mix of diesel/gasoline should you use in a drip torch?
2. How do you light a drip torch?
3. What is the recommended way of putting out the wick on the drip torch?
4. How can you clear the fuel tube and screen on the drip torch if it becomes clogged?
5. How should you store your drip torch when you are done for the burn season?
6. How often should you replace the wick on your drip torch?
7. Can vent valve tubes get blocked? How do you clear the blockage?
8. How full should you fill the drop torch? Why?

9. If you accidentally light your pants on fire with a drip torch what should you do?

Grant West Prescribed Fire Fatality

1. What steps have you taken to be prepared for a serious accident if it occurs on a RX Fire?
2. What can you do to be prepared for the aftermath of a serious accident, including long term recovery?
3. What kind of medical supplies do you keep on hand for emergencies on a prescribed fire?
4. Do you have a pre-plan for medical emergencies at your workplace? If yes, in general terms, what do those pre-plans contain?

Smoke Management and Traffic Control Guidelines for Prescribed Burns

1. [Protecting Wildfire Personnel from Smoke](#)
 2. [Smoke, Roads, and Safety](#)
 3. Review the [Iowa DNR Fire Policy Attachment](#)
1. What weather conditions promote smoke to lay low and potentially cause traffic accidents?
 2. Does smoke move differently at night or early in the morning than the middle of the day? How?
 3. Do you plan for smoke over roads? If Yes, what are your procedures and tactics?
 4. What special equipment or tactics should you use if you have smoke impact the road?

5. What tools can you use to help with smoke modeling?

6. Per Iowa DNR Policy, what are the three smoke impacts to visibility on the roadway and what are actions required with each?

7. Which of the three scenarios/situations above do you use or have occurred the most on your Iowa prescribed fires?

8. According to the Iowa DNR Fire Policy on smoke management with roads, what is the correct placement of warning signs for a rural road?

Fuel Geysering

1. [Fuel Geysering Review](#) - Continues to be a problem
 2. [Equipment Advisory on Geysering Fuel Containers](#)
1. According to the 6 minutes for safety, what are some precautions to take to avoid fuel geysering?

 2. Should you overfill fuel containers past the fill mark on the side of the container? Why?

 3. At above what fuel temperature is a geyser likely to occur?