



FOR IMMEDIATE RELEASE

Date: May 21, 2024

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SOUTH ADAMS COUNTY FIRE DEPARTMENT

Residential Fire Sprinkler Demonstration Live Burn Event

On June 13, 2024, at 11:00 a.m. at Station 25 9911 East 104th Avenue, Brighton, CO 80601, the South Adams County Fire Department will be conducting live fire to demonstrate fire and life safety education concepts, including the effectiveness of residential fire sprinkler systems. We invite you to join us for this event as we will be conducting several live burns to demonstrate the basics of fire safety but specifically demonstrate the effectiveness and necessity of residential fire sprinklers as Commerce City and Adams County both become fully sprinklered communities.

We will be conducting research that includes videography with live feed externally, temperature readings via thermocouples, gas monitoring including carbon monoxide readings, demonstrations with smoke alarms, and thermal imaging to show just how hot and fast a home fire can be. The intent of these burns is to demonstrate not only the effectiveness of residential fire sprinklers but also emphasize the need for smoke alarms, carbon monoxide alarms, safe egress procedures, and how fire behaves, especially in a residential occupancy. 30 years ago, you had about 17 minutes to escape a house fire; now, that number is down to three or four minutes. Residential sprinklers help make up the difference; with smoke alarms providing early detection, these sprinklers provide fast suppression so you can get out safely.

The South Adams County Fire Department is excited to share this demonstration and invite all members of the community to attend and come see these burns, which will include hands-on education as well as full structure walk-throughs of our residential structure. This demonstration is not a side-by-side, but a real home built in conjunction with the 27J Schools/Prairie View High School and South Adams County Fire Department Workforce CO-OP Program; this program is finishing its second year, where high school students helped build an entire structure that includes our full operational residential fire sprinkler system. We will be conducting four burns total, starting at 1100 at the back of Station 5; two burns will be conducted to demonstrate what happens when residential fire sprinklers are not present and the damage that a home fire can cause, as well as two additional burns in sprinklered areas.

Please join us for an afternoon of education; light snacks and drinks will be provided. The scope of this project is to demonstrate residential fire sprinkler effectiveness and produce substantiating documentation for fire and life safety initiatives. If you have questions about our planned demonstration, please contact Division Chief Brittany Brown at BBrown@sacfd.org.

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