Union Vale Fire District
Live burn checklist – structures / homes

Training Date: ____/____/____ Instructor in Charge: _____

Pre-burn Planning

Drawings made showing the following:
_____ Floor plan – rooms to be burned
_____ Location of Command Post
_____ Position of apparatus
_____ Position of hoses
_____ Emergency escape routes
_____ Location of EMS Staging

Required water supply

Reserve water supply (+50%)

Building Preparation

- Building inspected to determine structural integrity
- Building shored and axles removed
- Ventilation openings pre-cut in each roof area
- Windows and glass removed
- Doors open and close properly
- Water heater removed or vented

Pre-burn Procedures

Participants briefed on:
- Building layout
- Crew and instructor assignments
- Safety rules
- Evacuation procedures

Hose lines, tools, and SCBA checked
Class A fuel prepared – No flammable/combustible liquids
Notifications made:
- 911 Center – equipment out of service
- Airport Control Tower

Post-burn Procedures

All personnel accounted for
Overhaul complete
Critique performed
Equipment ready for service
Notifications made:
- 911 center – equipment in service

Live Burn Personnel Roles

Incident Command: _____

Exterior Safety Officer: _____

Interior Safety Officer: _____

Ignition Officer:_____
Apparatus Operators:
6711: _____
6712: _____
6713: _____
6714: _____
6751: _____
6761: _____
6762: _____
6771: _____
6772: _____
Team Leaders:
Team #1: _____
Team #2: _____
Team #3: _____
Team #4: _____

Pre-burn Comments

Burn #1: Attack – Team #____ Backup – Team #____ Safety – Team #____ SAR – Team #____

Burn #2: Attack – Team #____ Backup – Team #____ Safety – Team #____ SAR – Team #____

Burn #3: Attack – Team #____ Backup – Team #____ Safety – Team #____ SAR – Team #____

Burn #4: Attack – Team #____ Backup – Team #____ Safety – Team #____ SAR – Team #____

Team # 1 Members:

Team # 2 Members:

Team # 3 Members:

Team # 4 Members:

Post-burn Comments

Total Water Supply =

Total Volume of structure x Construction Class Number
Occupancy Hazard Class Number

Construction Class Number (CCN) is 1.5 for type V building construction
The Occupancy Hazard Class Number (OHC) is 7 for dwellings

Example: 14' x 60' mobile home with 8' ceilings

Total Volume = 6,720 (14x60x8)
CCN = 1.5
OHC = 7

The total water supply needed is 1,440 gallons, plus an additional 50% reserve equals a total of 2,160 gallons on the scene at the start of the drill.

To simplify the formula, multiply the square footage of the home/trailer by 1.75 and then multiply by 1.5 for the 50% safety factor.

(Draw layout of structure and placement of apparatus, hose lines, command post, means of egress)