



The University of Vermont

All Hands Meeting Life Safety Presentation



Who We Are

- ▶ Joe Beaudry

- ▶ About Joe

- ▶ 7-1/2 Years at UVM
 - ▶ 42 years in the Fire Service
 - ▶ Member of Milton Rescue
 - ▶ Confined Space Rescue Team
 - ▶ Retired Chief Of St Albans City Fire Department
 - ▶ Former Firefighter with Sheldon Fire Department
 - ▶ Former State of Vermont Fire Instructor



Who We Are



- ▶ Erin Paquin
- ▶ About Erin
 - ▶ 7 Years at UVM
 - ▶ 14 years in the Fire Service
 - ▶ Former Member of the Vergennes Fire Department

Who We Are



▶ David Brady

▶ About Dave

- ▶ 5 Years at UVM
- ▶ 33 Years in the Fire Service
- ▶ Formally a Lieutenant on the St Albans City Fire Department
- ▶ Currently a Captain on the St Albans Town Fire Department

Who We Are



- ▶ Ed Waite

- ▶ About Ed

- ▶ 11 Years at UVM
 - ▶ 18 ½ Years in the Fire Service
 - ▶ Certified NFPA Fire Inspector
 - ▶ Currently a Lieutenant and EMT for the Hinesburg Fire Department

What We Do

▶ Monthly inspections of

- ▶ Fire Extinguishers
- ▶ Exit and Emergency Lights
- ▶ CO & Smoke Detectors
- ▶ Fire and Egress Doors
- ▶ Kitchen Hoods
- ▶ Mechanical Rooms
- ▶ Blue Lights
- ▶ Sprinkler Valves
- ▶ Fire Code Violations
- ▶ Emergency Phones
- ▶ Emergency Transfer Switches
- ▶ Emergency Showers & Eyewash

Annual and Semi-Annual fire extinguisher checks in apartments and vehicles

Semi-Annual battery changes in smoke and CO Detectors

Assist contractor with Quarterly and Annual Testing of All Sprinkler Systems

Battery changes in emergency & exit lights

Perform Weekly Tests of all Fire Pumps

Assist University Fire Marshal With Fire Extinguisher Training

Administer The Hot Work and Red Tag Program

Hot Work Permits

HOT WORK PERMIT

11/00 AM

STOP!

Avoid hot work or seek an alternative/safer method, if possible.

This Hot Work Permit is required for any temporary operation involving open flames or producing heat and/or sparks. This includes, but is not limited to: brazing, cutting, grinding, soldering, torch-applied roofing and welding.

- Instructions for Fire Safety Supervisor:**
- A. Specify the precautions to take.
 - B. Fill out and keep **Part 1** during the hot work process.
 - C. Issue **Part 2** to the person doing the job.
 - D. Keep **Part 2** on file for future reference, including signed confirmation that the one-hour fire watch and three-hour monitoring have been completed.
 - E. Final signoff is on **Part 2**.

Part 1

Required Precautions Checklist

- | | |
|--|--|
| <p>Y N A</p> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <ul style="list-style-type: none"> <input checked="" type="checkbox"/> The fire pump is in operation and switched to automatic. <input checked="" type="checkbox"/> Control valves to water supply for sprinkler system are open. <input checked="" type="checkbox"/> Hose streams and extinguishers are in service/operable. <input checked="" type="checkbox"/> Hot work equipment is in good working condition. <p>Requirements within 35 ft. (11 m) of hot work</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Ignitable liquid, dust, lint and oily deposits removed. <input checked="" type="checkbox"/> Explosive atmosphere in area eliminated. <input checked="" type="checkbox"/> Floors swept clean. <input checked="" type="checkbox"/> Combustible floors wet down, covered with damp sand or fire-resistive sheets. <input checked="" type="checkbox"/> Remove other combustible material where possible. Otherwise, protect with FM Approved welding pads, blankets and curtains, fire-resistive tarpaulins or metal shields. <input checked="" type="checkbox"/> All wall and floor openings covered. <input checked="" type="checkbox"/> FM Approved welding pads, blankets and curtains installed under and around work. <input checked="" type="checkbox"/> Protect or shut down ducts and conveyors that might carry sparks to distant combustible material. <p>Hot work on walls, ceilings or roofs</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Construction is noncombustible and without combustible covering or insulation. <input checked="" type="checkbox"/> Combustible material on other side of walls, ceilings or roofs is moved away. <p>Hot work on enclosed equipment</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Enclosed equipment cleaned of all combustible material. <input checked="" type="checkbox"/> Containers purged of ignitable liquid/vapor. <input checked="" type="checkbox"/> Pressurized vessels, piping and equipment removed from service, isolated and vented. <p>Fire watch/hot work area monitoring</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Fire watch will be provided during and for one (1) hour after work, including any break activity. <input checked="" type="checkbox"/> Fire watch is supplied with suitable extinguishers, and where practical, a charged small hose. <input checked="" type="checkbox"/> Fire watch is trained in use of equipment and in sounding alarm. <input checked="" type="checkbox"/> Fire watch may be required in adjoining areas, above and below. <input checked="" type="checkbox"/> Monitor hot work area for up to an additional three (3) hours after the one (1) hour fire watch. <p><input type="checkbox"/> Other precautions taken:</p> |
|--|--|

5350115

HOT WORK BY
 Employee
 Contractor *Dave Hefke Plumbing*

DATE *1/2/18* **JOB NUMBER**

SPECIFIC LOCATION/BUILDING AND FLOOR
Water boiler room

NATURE OF JOB
Welding / Grinding

NAME (PRINT) AND SIGNATURE OF PERSON PERFORMING HOT WORK
Brad H

NAME (PRINT) AND SIGNATURE OF PERSON PERFORMING FIRE WATCH
Travis

I verify the above location has been examined, the precautions checked on the Required Precautions Checklist have been taken to prevent fire, and permission is authorized for this work.

NAME (PRINT) AND SIGNATURE OF FIRE SAFETY SUPERVISOR/OPERATIONS SUPERVISOR
Ed Waite

TIME STARTED: a.m. p.m. **TIME FINISHED:** a.m. p.m.

Permit Expires **DATE** *1/2/18* **TIME** *3:30* a.m. p.m.

Note: Emergency notification on back of form. Use as appropriate for your facility.

To order additional hot work permits or other FM Global resources, order online 24 hours a day, seven days a week, at fmglobalcatalog.com.

Red Tag Permits

RED TAG PERMIT

CONTROL NUMBER 095783		INDEX NUMBER 8246.25	
PRECAUTIONS TAKEN (CHECK AS APPROPRIATE)			
<input checked="" type="checkbox"/> Emergency Organization Notified	<input checked="" type="checkbox"/> Continuous Work Authorized		
<input checked="" type="checkbox"/> Public Fire Department Notified	<input checked="" type="checkbox"/> Ongoing Patrol of Area		
<input checked="" type="checkbox"/> Hazardous Operations Stopped	<input type="checkbox"/> Hydrant Connected to Sprinkler Riser		
<input checked="" type="checkbox"/> Hot Work Prohibited	<input type="checkbox"/> Pipe Plugs on Hand		
<input checked="" type="checkbox"/> Smoking Restricted	<input type="checkbox"/> Fire Hose Laid Out		
<input type="checkbox"/> Other			
INSURED NAME University of Vermont			
INSURED LOCATION (City, State/Province) W. Heights VT 4th Floor			
INSURED PHONE NO. 656-4341		INSURED FAX NO.	
CHECK IF	SPRINKLER VALVE LOCATION/NUMBER		
<input checked="" type="checkbox"/> SPRINKLER	Rm 409A		
<input type="checkbox"/> FIRE PUMP	AREA PROTECTED		
<input type="checkbox"/> CO ₂	Attic dry system		
<input type="checkbox"/> HALON			
<input type="checkbox"/> OTHER			
REASON FOR IMPAIRMENT Leak Repair			
PLANNED DATE/TIME TO BE CLOSED 1/22/18 8:00			
PLANNED DATE/TIME TO BE OPEN 1/22/18			
NAME/TITLE OF RESPONSIBLE PERSON (PRINT) Cedar Ridge Sprinkler			
AUTHORIZED BY (PRINT NAME) Ed White		FIRE PROTECTION EQUIPMENT OPERATOR (PRINT NAME) Kyle Charbonneau	

PART 1 INSTRUCTIONS

Firesafety Supervisor: Fill out using ball-point pen, sign and issue permit as follows:

Phone Part 1 information or fax this part to the FM Global number listed on the Red Tag Permit Wall Kit.

Place Part 2 in center pocket of Wall Kit as visual reminder of impairment. Issue Part 3 (Red Tag) to Fire Protection Equipment Operator to attach to impaired equipment.



RED TAG PERMIT

Life Safety by the numbers

▶ Who can guess how many fire extinguishers are checked monthly

- ▶ 2377 Dry Chemical ABC
- ▶ 675 CO2
- ▶ 29 Class K
- ▶ 12 Loaded Stream
- ▶ 10 FE36
- ▶ 6 Water
- ▶ 3 Class D
- ▶ **Total of 3112**



Life Safety by the numbers

Guess the amount of Equipment checked monthly

Exit and Emergency Lights

5868

Fire and Egress Doors

2510

Sprinkler Valves

763

Mechanical Rooms

247

Blue Lights

157

Kitchen Hoods

78

Emergency & Res life Phones

132

Emergency Eye Wash & Showers

117

CO Detectors

369

Smoke Detector Systems

41

For A Total of.....

13,391

Pieces Of Safety Equipment Checked
Monthly



WELCOME TO inspect & Track

InspectNTrack is designed to schedule and track inspections on any type of equipment or location.

 Remember User ID

[Forgot Password?](#)



9/26/2018 7:31 AM	Equipment:	[EL04971] : EMERGENCY LIGHT : EMERGENCY LIGHTING : BATTERY BACKUP		
	Location:	south exit : VOTEY : 1st Floor : Near room 102A		
9/26/2018 7:31:38 AM	Task	[019] : Monthly Light	Inspector: 003 : Ed Waite	Passed
7:31 AM	Question:	[00050] : Did Light Pass Inspection?	Rsp: YES	Passed
9/26/2018 7:31 AM	Equipment:	[FED1815] : FIRE/EGRESS DOORS : EGRESS : ADA Accessible		
	Location:	south stairway entrance : VOTEY : 1st Floor : Stairway		
9/26/2018 7:31:52 AM	Task	[012] : Monthly Equip	Inspector: 003 : Ed Waite	Passed
7:31 AM	Question:	[00165] : Is The Door In Good Condition	Rsp: YES	Passed
7:31 AM	Question:	[00164] : Is Jam In Good Condition?	Rsp: YES	Passed
7:31 AM	Question:	[00163] : Does ADA switch work	Rsp: YES	Passed
7:31 AM	Question:	[00161] : Does the door latch	Rsp: YES	Passed
7:31 AM	Question:	[00160] : Does the door open & close freely	Rsp: YES	Passed
7:31 AM	Question:	[00162] : Is hardware in good condition	Rsp: YES	Passed
9/26/2018 7:31 AM	Equipment:	[FED1819] : FIRE/EGRESS DOORS : EGRESS : ADA Accessible		
	Location:	south entrance : VOTEY : 1st Floor : 1st floor landing		
9/26/2018 7:32:37 AM	Task	[012] : Monthly Equip	Inspector: 003 : Ed Waite	Passed
7:32 AM	Question:	[00165] : Is The Door In Good Condition	Rsp: YES	Passed
7:32 AM	Question:	[00164] : Is Jam In Good Condition?	Rsp: YES	Passed
7:32 AM	Question:	[00163] : Does ADA switch work	Rsp: YES	Passed
7:32 AM	Question:	[00161] : Does the door latch	Rsp: YES	Passed
7:32 AM	Question:	[00160] : Does the door open & close freely	Rsp: YES	Passed
7:32 AM	Question:	[00162] : Is hardware in good condition	Rsp: YES	Passed
9/26/2018 7:32 AM	Equipment:	[FE2551] : CO2 5# : EXTINGUISHER : CO2		
	Location:	Room 120 : VOTEY : 1st Floor		
9/26/2018 7:33:57 AM	Task	[003] : Monthly Fire	Inspector: 003 : Ed Waite	Passed
7:33 AM	Question:	[00056] : Did Unit Pass Inspection?	Rsp: YES	Passed
9/26/2018 7:33 AM	Equipment:	[FE1874] : CO2 5# : EXTINGUISHER : CO2		
	Location:	Room 120 : VOTEY : 1st Floor		
9/26/2018 7:34:14 AM	Task	[003] : Monthly Fire	Inspector: 003 : Ed Waite	Passed
7:34 AM	Question:	[00056] : Did Unit Pass Inspection?	Rsp: YES	Passed
9/26/2018 7:34 AM	Equipment:	[EL03284] : EMERGENCY LIGHT : EMERGENCY LIGHTING : BATTERY BACKUP		
	Location:	Room 120 : Voley : 1st Floor : West door		
9/26/2018 7:34:51 AM	Task	[019] : Monthly Light	Inspector: 003 : Ed Waite	Failed
7:34 AM	Question:	[00050] : Did Light Pass Inspection? Incident #: 000016 Battery Issue	Rsp: NO	Failed
9/26/2018 7:34 AM	Equipment:	[EL05015] : EMERGENCY LIGHT : EMERGENCY LIGHTING : BATTERY BACKUP		
	Location:	in room 120 : VOTEY : 1st Floor : South		
9/26/2018 7:36:45 AM	Task	[019] : Monthly Light	Inspector: 003 : Ed Waite	Failed
7:36 AM	Question:	[00050] : Did Light Pass Inspection? Incident #: 000016 Battery Issue	Rsp: NO	Failed
9/26/2018 7:38 AM	Equipment:	[FE2270] : ABC 10# : EXTINGUISHER : ABC		
	Location:	Room 127 : VOTEY : 1st Floor		
9/26/2018 7:38:37 AM	Task	[003] : Monthly Fire	Inspector: 003 : Ed Waite	Passed
7:38 AM	Question:	[00056] : Did Unit Pass Inspection?	Rsp: YES	Passed









EXIT

Honeywell

PAPER
BAGS





**October is Fire
Prevention
Month!**



CHANGE YOUR CLOCK
CHANGE YOUR
BATTERY

SMOKE ALARMS SAVE LIVES

Remember the **P A S S** Word

Pull

Pull the pin (or other motion) to unlock the extinguisher.



Aim

Aim at the base (bottom) of the fire and stand 6 - 10 feet away.



Squeeze

Squeeze the lever to discharge the agent.

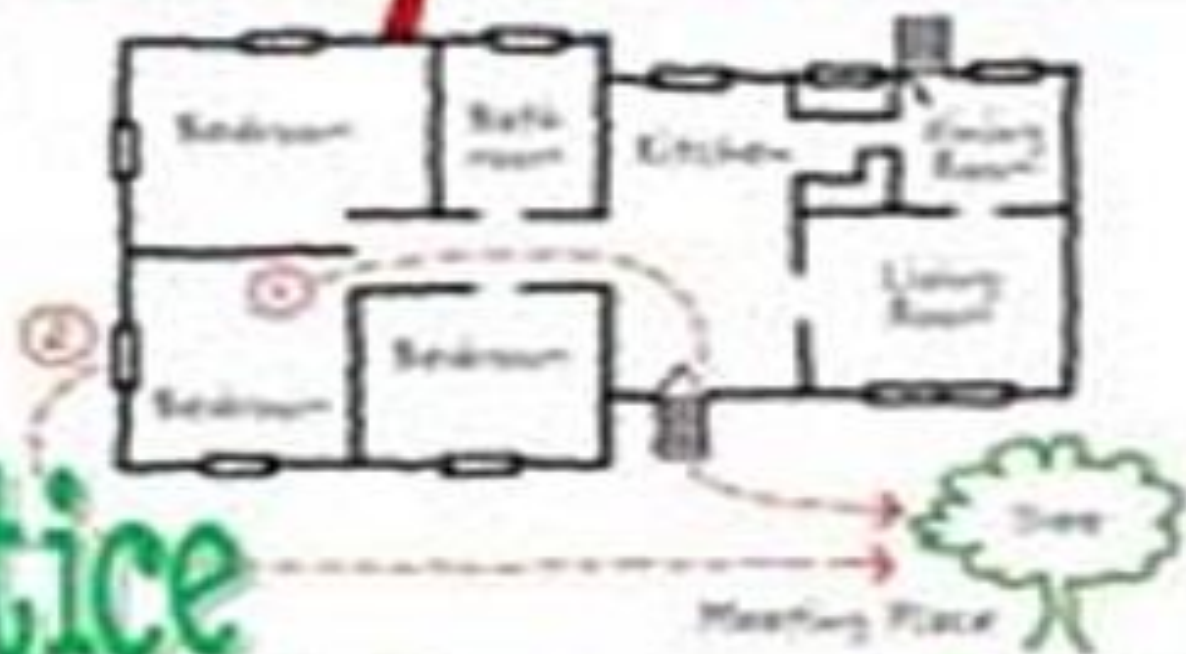


Sweep

Sweep the spray from left to right until the flames are totally extinguished.



Have Two Ways Out!



Plan and Practice
your fire escape plan

IN CASE OF FIRE



**FREAK OUT AND
RUN LIKE HELL**