



Pass Fire Burn Pan® Instructions



The Passfire™ Burn Pan is used in fire extinguisher training. The unit is specifically designed to be used when complying with OSHA 1910.157 (g) (1) which states, 'Where the employer has provided portable fire extinguisher for employee use in the work place, the employer shall also provide an educational program to familiarize employees with the general principles of fire extinguisher use and the hazards involved with incipient stage fire fighting.'

Notes of Caution:

1. At least two trained firefighters shall be present during the operation of the Passfire™ Burn Pan.
2. The Passfire™ Burn Pan shall only be used to train individuals on fire extinguisher use.
3. Full protective structural firefighting gear shall be worn by trainers.
4. User should read the MSDS (material safety data sheet) provided with your propane tank.

Contact info@halcyonproducts.com or 440.543.1518 for questions regarding the Passfire™ Burn Pan.

Step 1: Two people should assist when loading/unloading unit from a transport vehicle.

Note: One person should not attempt to lift the entire unit.



Step 2: Wheel the unit into position. The Passfire™ Burn Pan should only be used outdoors. It should be placed on a level surface of dirt, concrete or asphalt; well away (at least 20') from any combustible materials.



Step 3: After the Passfire™ Burn Pan is in position, make certain the drain valve is closed.



Step 4: Begin filling with water until the level is at least one inch above the burn element (copper tubing.) Check this level frequently and refill as necessary. The water will protect the burn element during use.

Note: The dry chemical powder that accumulates on the surface of the water will affect the bubbling of propane through the orifices of the copper tubing. Rinse the pan out and refill if flame height decrease.



Step 5: Connect the hose leading from the Passfire™ Burn Pan to your propane tank.



Step 6: Extend the hose to full length and position the propane tank away from the Passfire™ Burn Pan as shown. Make certain this is not on the same side from which your students approach the Passfire™ Burn Pan so they will not become entangled with the hose.



Step 7: Once the unit is positioned for training, unscrew handles. The two handles can be screwed together to make a lighting stick. A flare is inserted into the handle clips.



Step 8: Take two sections of the handle you removed and connect them. Make sure one of the sections has the “spring steel” clip attached. This is where you will place your road flare for igniting the fires.



Step 9: Attach the regulator & ‘dead-man’ assembly to the propane tank.



Step 10: When the water level has reached the desired height, you are ready to begin.

Step 11: Confirm that your students have been versed in the use of fire extinguishers.



Step 12: Again, this training session will require two certified firefighters. One being the instructor who will light the fire, and the other remaining at the gas valve at all times.



Step 13: The instructor shall explain the operation of the particular extinguisher. The Passfire™ Burn Pan is used with ABC dry chemical extinguishers and CO² extinguishers.



Step 14: First, the instructor shall light the road flare and approach the Passfire™ Burn Pan with the wind at his back. Squeeze the dead-man valve and place the flare just above the level of the water.



Step 15: Second, the firefighter at the dead-man valve will open the fuel source just enough to produce a minimal amount of fire. Should anything go wrong, the person at the dead-man will immediately close the valve thereby extinguishing the fire.



Step 16: The instructor will place the flare off to the side (generally you can get several burns out of one flare) and approach the fire with the student, wind to their backs.

Step 17: The student is ready to extinguish the flame using the fire extinguisher.



Step 18: Once the student has extinguished the flames, or if the extinguisher is running out of agent, the firefighter at the valve shall shut the gas supply off until the instructor is ready to re-light the fire.



Step 19: When training is completed, open the valve and allow water to drain from Passfire™ Burn Pan.



Step 20: Remember, the upper exposed metal will still be HOT after training, so use caution.



Step 21: Remove the hose supplying the propane. Remember to shut off the propane tank.

Step 22: Make sure all flares are extinguished, and discard properly. Making certain the flare attachment is cool (dip in cool water if necessary).

Step 23: After inserting the handle sections, you are ready to pack up the Passfire[™] Burn Pan. Remember to wait until the unit is cool before moving. Two people are needed to lift the Passfire[™] Burn Pan.

Notes:

1. To better maintain the unit rinse and wipe down after use.
2. Reduce regulator to 15 psi when lighting. The regulator reaches up to 35 psi (pounds per square inch).
3. Move unit to site where training will be conducted and then fill with water.
4. Dry chemical by-product is not hazardous if dumped down drain.
5. Liquid propane bottles last longer if dead-man valve is used intermittently.

