



HPI Pass Fire Burn Pan™ Instruction Manual

The **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 extinguishers for employee use in the workplace, 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."

- **PRODUCT NOT INTENDED FOR USE BY GENERAL PUBLIC.**
- **MUST BE OPERATED BY AT LEAST 2 TRAINED SAFETY OFFICIALS.**
- **NEVER USE INDOORS.**
- **NEVER USE ON, BENEATH OR NEAR BURNABLE MATERIALS.**
- **ALWAYS FILL WITH FRESH WATER ABOVE COPPER TUBING.**
- **NEVER OPERATE WITHOUT WATER ABOVE COPPER TUBING.**
- **NEVER OPERATE WITHOUT ONE FIREFIGHTERS HAND ON SQUEEZE VALVE.**
- **NEVER ALLOW RAW FUEL TO FLOW THROUGH SYSTEM WITHOUT FLAME FRONT.**
- **ALWAYS MAKE SURE ALL FITTINGS ARE TIGHT BEFORE USE.**
- **NEVER ALLOW WATER TO FREEZE WITHIN COMPONENTS.**
- **TRAINERS SHALL ALWAYS WEAR STRUCTURAL GEAR.**
- **READ MATERIAL SAFETY DATA SHEET OF PROPANE BEFORE USE.**
- **CONTACT HALCYON PRODUCTS FOR QUESTIONS REGARDING OPERATION 440-424-4708.**
- **AFTER USE, MAKE SURE ALL VALVES ARE CLOSED.**

Operational Instructions:

Step 1:

When loading/unloading unit from a transport vehicle, two people should utilize the pipe handles that run through the pan. One person should not attempt to lift the entire unit.



Step 2:

Wheel the unit into position. The 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 materials that could catch fire.



Step 3:

After the Burn Pan is in position, make certain the drain valve is closed.



Step 4:

Begin filling with water until the level is at least two inches above the copper tubing. Check this level frequently and refill as necessary.



Step 5:

Remove the two handle assemblies (all 4 sections) so they remain cool during operation.



Step 6:

Connect the hose leading from Burn Pan to your propane tank. Make certain this is not on the same side from which your students approach the Burn Pan so they will not become entangled with the hose.



Step 7:

Extend the hose to full length and position the propane tank away from the Burn Pan as shown.



Step 8:

Attach regulator and squeeze valve assembly to a 20 Lb. propane tank. Read Material Safety Data Sheet provided by your propane supplier.



Step 9:

When the water level has reached the proper height, above the copper tubing, you are ready to begin.



Step 10:

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 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 or safety officials. One being the instructor who will light the fire, and the other remaining at the squeeze valve at all times.

Step 13:

The instructor shall explain the operation of the particular extinguisher.

Step 14:

First, the instructor shall light the road flare and approach the Burn Pan with the wind at his back. Place the flare just above the level of the water.



Step 15:

The firefighter at the squeeze valve will open the tank valve, depress the squeeze valve and regulate the gas flow for a MINIMUM flame height. Should anything go wrong, the person at the squeeze valve shall immediately release it and then shut the tank valve off 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. Never allow raw propane to flow iwth out a flame front. Doing so might allow propane to flashback to pan causing injuries.



Step 19:

When training is completed, open the water valve and allow water to drain from BP. Make certain all propane valves are closed.



Step 20:

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

Step 21:

Remove the hose supplying the propane.



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 Burn Pan. Remember to wait until the unit is cool before moving. Two people are needed to lift the Burn Pan, using the handles provided.

