

4 Safety Power Line Training Kit

Warnings and Dangers

Trainer, it is your responsibility to insure that your training activity is SAFE, and that SAFETY equipment is used. Safety equipment is necessary at all times (Gloves, safety glasses, mats, etc.). Plan all training carefully, and go over the demonstration in detail with all participants. Caution all participants that NO ONE should ever touch handle, or use this training equipment.

The Trainer should:

1. Read the training program and understand the dangers of High Voltage.
2. Have Inspected the safety equipment and understand its intended use
3. Have a qualified person stand by with a fire Extinguisher when using kit
4. Not use this training kit if they have any medical condition that may be affected by electrical current

Safety Equipment should be INSPECTED AND USED:

1. Safety mat
2. High Voltage Gloves (Tested to 30v) OSHA 1910.137(b)(ii) "Insulating equipment shall be inspected for damage before each day's use and immediately following any incident that can reasonably suspected of having caused damage. Insulating gloves shall be given an air test, along with the inspection."
3. Safety Glasses

Training with this equipment should:

1. Be done in a dry location including the floor
2. With adequate lighting
3. All participants at least 10 feet from the pole line
4. In a location free of an explosive atmospheres

Set up:

1. Trainer should remove rings, watch.....
2. Dry Wooden table without metal banding
3. Place Danger High Voltage signs in view of the participants
4. Unpack the base and open, lay flat on the table hinge side down
5. Unpack the poles (3) and place them the openings in the base
6. Unpack the "POWER HOUSE (120V in 20,000 at 35 ma out)" This item shall not be CONNECTED to the power until the trainer has the Safety mat down and the high voltage gloves on
7. Connect the wire coming out of the ground plate to the pole on the LEFT
8. Open the top of the "POWER HOUSE (120V in 20,000 at 35 ma out)"

9. Locate the wires (two) with clips on the ends coming from the “POWER HOUSE” connect one to the “POWER LINE” on the participant side and then connect the one on the trainer’s side.
10. DO NOT PLUG OR CONNECT THE “POWER HOUSE (120V in 20,000 at 35 ma out)” TO ANY ELECTRICAL SOURCE AT THIS TIME

To begin demonstration:

1. Have a qualified person stand by with a fire Extinguisher when using kit
2. Place safety glasses on
3. Check that you will be standing on mat for the demonstration
4. Inspect High Voltage Gloves one more time
5. Place gloves on hands
6. Check the “POWER HOUSE” switch to see that it is in the OFF position
7. CONNECT THE “POWER HOUSE” TO ELECTRICAL SOURCE AT THIS TIME.
8. Look to see that the RED light is off
9. Look to see no one is in contact with the table or training kit
10. Turn on the “POWER HOUSE”
11. Begin demonstration, always making sure that you and/or the participants do not make contact with the training kit.

To end demonstration:

1. Turn off the “POWER HOUSE”
2. Look to see the RED light is off
3. DISCONNECT THE “POWER HOUSE” FROM THE ELECTRICAL SOURCE AT THIS TIME
4. Disconnect the wires (two) with clips from the poles
5. At this time you may remove the gloves and finish taking the kit apart and packing back in the bag.

Any live demonstration has dangers, which cannot be overlooked. You, the Trainer, are responsible to insure that your training activity is safe, and that safety equipment is used. Safety equipment is needed and should be used at all times (Gloves, safety glasses, mats, etc.). Plan all training carefully, and go over the demonstration in detail with all participants. Caution all participants that NO ONE should ever touch, handle, or use this training equipment other than a qualified trainer.

When not in use keep in a secured area or locked cabinet.