

## **Installing a Primary and Secondary Conduit Sweep for a Pad Mounted Equipment – Video Transcript**

Welcome to our construction, safety and inspection preparation series. Our goal is to help you pass inspections and keep everyone safe. Today we will be learning how to install a primary and secondary conduit sweep into a box pad for pad mounted equipment. Before we start, remember safety is our top priority. Make sure you have the right gear: gloves, hardhat, safety glasses, flame resistant clothing, vest, and boots.

Ensure you call 811 before you dig. Additionally, check your shoring requirements. These steps will help protect you and ensure the job gets done right. Remember to verify standards and your installation process at your pre-construction meeting. As a reminder, you will need to slope your trench to reach the minimum depth required for the sweep. With the trench and box pad area prepared, we can start placing the conduit.

We'll use a sweep conduit with a bell end. Apply glue and connect the bell end to the straight conduit. Position the sweep to enter the box pad. Use spacers or stakes to hold them in place. The primary conduit will always be on the left side of the box pad, and the secondary will always be on the right side.

Both must enter 1.5 to 2.5 inches into the box pad. Additionally, the primary conduit must be aligned to the center line of the box pad. Be sure to install any bells on all conduits to protect them. Then you can backfill in accordance with PG&E standards to hold the conduits in place. Next, place the box pad and verify that it is level and four inches above the grade.

The primary conduit is centered and the box pad is placed correctly. Call for your inspection and an inspector will verify the installation. Thank you for practicing good safety and investing time to do the work right. Always check the latest standards and visit the PG&E Project Resources website for more details and to schedule your inspections.