

# Switchgear Box Pad Installation

## Installation Instructions

### 1. General

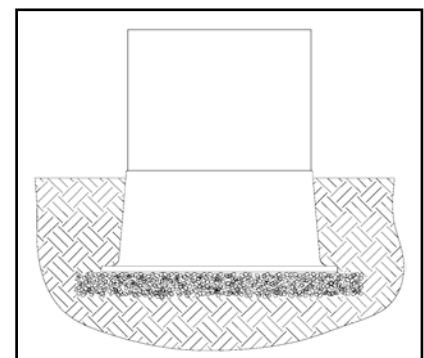
- 1.01 This section covers the description, installation and use of box pads for switchgear.
- 1.02 The foundation base is designed for use with most switchgear now being used in the field.

### 2. Description and Use

- 2.01 The foundation box pad is constructed of polymer concrete and reinforced with a heavy-weave fiberglass mat.
- 2.02 Various types and sizes of pads are available for use depending on the size of the equipment to be installed.
- 2.03 3/8" or 1/2" inserts (anchors) or struts are molded into the pad and must align with the base of the cabinet base lugs, or support leg sets.

### 3. Installation

- 3.01 The following installation procedure is the same for all sizes of foundation box pads.
- 3.02 Determine cable/conduit entry position.
- 3.03 Excavate hole for the box pad. Make hole 1' - 2' longer and wider and approximately 6" deeper than the box pad.
- 3.04 Put bolts into lifting inserts on sides of the box pad (4 bolts are shipped with the box pad).
- 3.05 Attach lifting chain or straps to bolts.
- 3.06 Lift and position box pad into hole using a backhoe. Check plan for proper orientation of box pad.
- 3.07 Place gravel in the box pad to a depth of approximately 6" to 8".
- 3.08 Lift box pad to proper elevation, allowing gravel to run out under the box pad.
- 3.09 Check the elevation of the box pad.
- 3.10 Make necessary elevation adjustments with the bucket and recheck the elevation.
- 3.11 Remove the bolts once the box pad is set to proper elevation.



INSTALLATION