



General Power Line Permit
(Non-Crane work)

Date:

Time:

Location:

SECTION 1 - INSTRUCTIONS

This permit is **required** when any part of the equipment is capable of coming within **20 feet** of a **0-350 kV powerline** or within **50 feet** of any **350-1,000 kV powerline**. **All Fillable boxes must be completed. THIS PERMIT SHALL NOT BE USED FOR CRANES!!!**

This permit is **required** when any part of the equipment is capable of coming within **20 feet** of an **Aerial Telephone, Cable TV, or Fiber Optic Cable**. The **Required Safety Zone** for aerial communication lines is **2 feet**. You must comply with the Required Safety Zone of both the powerline and aerial communication. **YOU ARE NOT ALLOWED TO GO BEYOND THE SAFETY ZONE!!!**

Choose the diagram that is most applicable to your operation. **(ONLY CHOOSE ONE)**

SECTION 2 – DETERMINE REQUIRED SAFETY ZONE BASED ON VOLTAGE

What is the powerline's voltage?

kV

Based on voltage, check one of the boxes below:

- If 0-50kV, use 10 ft Safety Zone
- If 50-350kV, use 20 ft Safety Zone
- If > 350kV, **Contact Safety Department (PERMIT VOID)**

SECTION 3 – DRAW DIAGRAM OF SETUP

Calculations

(D) – (R) =

Z = ft

(R) = ft

(D) = ft

(H) = ft

- (D): Absolute Distance to Powerline
- (R): Max Reach in Direction to Powerline
- (H): Height of Powerline
- (Z): Required Safety Zone

If (D) – (R) is negative or is less than Z, the following precautions **MUST OCCUR**:

- 1) A qualified spotter must be present with an air horn. The qualified spotter will be tasked to monitor the power line
- 2) The qualified spotter must keep his eye on the overhead powerlines until the Man-lift, Fork-lift Excavator, Concrete Pump Truck, and Drill Shaft is fully retracted.
- 3) Verify the following items:

	YES	NO
Equipment is positioned at a safe distance from the powerline?	<input type="checkbox"/>	<input type="checkbox"/>
Hazard Analysis has been reviewed?	<input type="checkbox"/>	<input type="checkbox"/>
Powerline signs visible to operator?	<input type="checkbox"/>	<input type="checkbox"/>

Air Horn

If (D) – (R) is greater than Z (the required safety zone), then this permit is required, but no spotter is required.

OPERATOR SIGNATURE: _____

SUPERINTENDENT SIGNATURE: _____

QUALIFIED SPOTTER SIGNATURE: _____



SECTION 6-- ADDITIONAL DIAGRAMS OF EQUIPMENT LAYOUTS

