

Power Line Permit

Job Name: _____

Job Number: _____

Date: _____

Starting time: _____

Ending time: _____ am/pm

Equipment #: _____

This permit must be used if equipment must be positioned such that any part of the equipment is capable of coming within 20 feet of an 0-350 kV power line or within 50 feet of any 350-1,000 kV power line. The utility owner or a Qualified Professional Engineer must establish appropriate equipment distance from power lines that are greater than 1,000 kV. These respective distances are referred to as the "prohibited zone". **Table A clearances can be used only if the voltage is known through written confirmation of the utility owner, prior District Mngr/designee approval and following procedures outlined in CCP Manual Chapter 7.**

Step 1) Identify all power lines the crane is capable of coming within 50 feet of and input ratings below. (Use back of form if needed.)

a) Line 1: _____ kV _____ feet Line 2: _____ kV _____ feet Line 3: _____ kV _____ feet How was info obtained? _____

b) Utility Owner: _____ Person Contacted: _____ Phone No: _____

Table A prohibited zone used (need approval below)

Attach written verification of voltage from utility owner/operator when using Table A

Step 2) Using the info from 1a; identify the scenario to be used for this job. (Check the appropriate box below and move on to Step 3.)

The equipment, load or load line will be capable of entering the prohibited zone.

If the defined work zone of crane operation, **up to the max. working radius**, will not approach the prohibited zone of an energized powerline and the crane does not have a functioning limiting device (See CCP Manual **Chapter 34** for definition of Defined Work Zone)

Step 3) If there is no less hazardous way to perform the job and the equipment is capable of entering the prohibited zone, the following minimum requirements must be followed: (Check option selected)

Power lines will be de-energized and visually grounded by the utility owner and have been confirmed in writing.

Or, Power lines will be relocated by the utility owner.

Or, A written plan with specific steps to ensure the equipment will not enter the prohibited zone will be completed and reviewed with the crew and operator. An elevated warning line, barricade, or line of signs must be erected and maintained in view of the operator, equipped with flags or similar high-visibility markings delineating the prohibited zone. Taglines must be non-conductive.

And, A designated, Qualified Signal Person as a spotter will be assigned to monitor the operation with the sole responsibility to verify required clearance is maintained. The assigned spotter must be in constant contact with the equipment operator.

And, * A salaried superintendant will be present at the equipment during the operation with the sole responsibility of verifying all steps of the plan are being carried out and that the specified clearance between the power line and the equipment or load is being maintained.

*** The salaried superintendent and dedicated spotter requirement can be waived only if both of the following requirements are met:**

A functioning limiting device will be used to prevent the possibility of entering the prohibited zone. A limiting device removes the equipment control functions outside a programmed work zone. The written plan must include procedures for the functional verification of the limiting device. If selected, explain device used:

Or, A defined work zone will be set up that will not encroach the prohibited zone. A Qualified Signal Person as a spotter will be used and an elevated warning line, barricade, or line of signs must be erected and maintained in view of the operator, equipped with flags or similar high-visibility markings outlining the defined work zone.

And, District Manager or his/her designee must approve per occurrence and sign the bottom section of this permit.

The Project Manger is responsible for ensuring the plan is reviewed with the crew and operator, and the operation is performed in accordance with Federal and Company requirements.

Plan Reviewed By:	Print Name:	Signature:	Date:
Superintendent:			
Authorized Crane Operator:			
Qualified Signal Person:			
Qualified Rigger:			
Qualified Spotter:			

Table A-Minimum Clearance Distances

Voltage (kV)	Distance
up to 50	10 feet
over 50 to 200	15 feet
over 200 to 350	20 feet
over 350 to 500	25 feet
over 500 to 750	35 feet
over 750 to 1,000	45 feet
over 1,000 requires DSM and REM approval	

Permit is VOID if any of the following conditions exist:

1. Operation goes beyond shift and personnel is changed.
2. Environmental conditions change that pose a potential hazard.
3. Associated Lift Plan changes.
4. Conditions of this Overhead Power Line Permit change.
5. Any sections of the Powerline procedures are not met.

If operations will require encroachment closer than Table A, DO NOT use this permit and refer to CCP Manual Chapter 7 for procedures and approvals.

District Mngr./ Designee Approval:	Print Name:	Signature:	Date:
Eliminating Superintendent and/or Spotter			
Using Table A			