

GENERAL REQUIREMENTS FOR BLASTING IN THE VICINITY OF AEP TRANSMISSION LINES

Blasting, handling, transportation and storage of explosives near AEP Transmission Facilities will be performed in a workman like manner, utilizing accepted blasting procedures, so as to protect AEP Transmission Facilities.

AEP adheres to the requirements set by “**Ohio Administrative Code 1501:13-9-06 “Use of Explosives”**”. Under section F (2) of this Code, Blasting shall not be conducted within 300’ of a high-voltage transmission tower unless written permission is obtained from the owners.

1501:13-9-06 excerpt

F (2) Blasting shall not be conducted within:

- (a) Three hundred feet of any public water tower or public reservoir dam, communication or high-voltage transmission tower, railroad or highway tunnel, public water or sewage main, or major oil or gas distribution pipeline except where written permission has been obtained from the controlling authority or owners thereof on a form prescribed by the chief; and

AEP is specifying that this requirement be met by restricting blasting within the 300’ minimum clearance to the tower/structure. However, AEP will *consider* waiving this right by allowing some controlled blasting to a lesser limit down to within 100’ of the tower/structure provided all of the following conditions be met:

- AEP Field Representative reviews and approves the project’s certified blasting operators blasting plan which details using various controlled blast procedures, including blast monitoring, to minimize the blast impact to the structure or tower’s concrete caisson foundations, wood pole structures, and other transmission facilities.
- Project’s certified blasting operator monitors blast operations to assure compliance with approved blasting plan.
- AEP Field Representative meets with the contractor on site to discuss the work plan and assure it compliance prior to implementation.
- AEP Field Representative is on site during all blasting operations within the 300’ area to monitor blasting activities and it impact to AEP facilities.
- AEP Field Representative delivers a signed written statement agreeing that the above measures have been addressed and that it is waiving the 300’ restriction to allow blasting within a lesser limit.
- AEP Field Representative reserves the right to immediately revoke the signed waiver if AEP determines, at its sole discretion, that either the safety or integrity of the transmission tower/structure or line facilities were in jeopardy at any time.

As a minimum, guidelines set forth in the most current revisions of the following Institute of Makers of Explosives Publications should be adhered to:

1. Publication No. 2 - The American Table of Distances
2. Publication No. 17 - Safety in the Transportation, Storage, Handling and Use of Explosives
3. Publication No. 20 - Safety Guide for the Prevention of Radio Frequency Radiation Hazards in the use of Electric Blasting Caps

The guidelines in these publications are a minimum and additional procedures, which are safer, may be used.

The pipeline company /contractor will be responsible for any damage to the AEP Transmission Facilities resulting from their blasting activities.