

TRANSMISSION STRUCTURES



Transmission structures can pose some unique dangers and the job hazards. Following some simple safety tips can help you drastically reduce the risk of injury or death occurring. As a result, before working on such equipment, make sure you are properly trained to do so.

Prior to climbing or erecting a transmission structure, make sure that you have the proper Personal Protective Equipment (PPE). You should be wearing a hard hat, proper footwear and gloves. In the event you will be welding, drilling or working with energized lines or equipment, wear the PPE appropriate for those hazards, as well. This may include rubber and leather gloves and welding leathers.

If you are climbing on a transmission structure, never use frayed or damaged ropes. Do not ever attempt to ride on steel being hoisted or on hooks or to slide down ropes.

Whenever you are raising and lowering tools, use hand lines, bull lines or winch lines. Megaphones or a two-way radio to communicate job progress and potential safety hazards with those on the ground may also be used.

Make sure to use safety straps fall protection when working in an aerial setting. If you are working from ladders or on a crossarm on the outside of a tower cage this is even more important. In the event you are required to be on the crossarm, you need to be tied to the tower cage with a safety line.

When you are working on gin poles, verify they are properly secured and guyed to prevent them from kicking out while work is being done. Make sure to consider the strength and length of gins before picking up any loads.

You should stand clear of any rope or line that might be under pressure when working on a steel tower or structure. Never cut any ropes or lines that are under pressure, unless absolutely necessary. Whenever you have to cut a rope or line under pressure, make sure that everyone is clear to prevent whipping or backlash.



DISCUSSION QUESTIONS

When is it safe to ride on steel being hoisted or on hooks or to slide down ropes?

What should you do when you are required to be on a crossarm?

How should you raise or lower tools?

When working on gin poles, why should they be properly secured and guyed?

When should you cut any ropes or lines that are under pressure?

SAFETY TALK ATTENDANCE ROSTER



COMPANY: _____ JOB/DEPT: _____

DATE: ____/____/____ TIME: _____

TOPICS ADDRESSED: _____

EMPLOYEE'S SIGNATURES:

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

EMPLOYEE SUGGESTIONS AND RECOMMENDATIONS: _____

ACTION TAKEN: _____

Supervisor's Signature

____/____/____
Date

Safety Coordinator's Signature

____/____/____
Date