

LT AB (Aerial Bunch) Cable Erection

By the end of this session, you will be able to:

- Explain how the PCC pole is erected in the pole pit
- Explain the usage and purpose of stay wire and strut poles in overhead system
- Explain how lineman climbs on the erected PCC pole using a ladder and
- Explain how he fixes the accessories on the pole and lays the $A B$ cable in the process of $A B$ cable erection



## Introduction - Pole Lifting




- Pit where the pole has to be erected
 the crane



## Introduction - Pole Lifting




## Introduction - Pole Lifting



Lineman anchoring the base of the pole


- Pole is hooked straight and placed vertically
$\longrightarrow$ Aligning the pole on both the sides





## Line Erection



Opening the safety rope to go upward


- Climbing on the cross arm




## Line Erection



Cable is pulled over the branches through pulley



Cable is turned after the third pole


## Strut Pole



End connectors


- AB cable going through the trees



## LT ABC Overhead System




Three cables red, yellow and blue


## Key Learning Outcomes

- It is very important to balance the pole before erecting it to avoid damage
- The stay wires are fitted at both ends
- The lineman climbs on the erected pole using a ladder if he has to work on the pole
- Cross arms are fixed on each pole so that lineman can stand on it while working
- A strut pole is added to give vertical and horizontal support to the turned cable
- ABC, which stands for Aerial Bunch Cable, has a bunch of six cables


