

# CHANCE<sup>®</sup>



## LINEMAN GRADE TOOLS<sup>™</sup>



Hubbell Power Systems | **Hot Line Tools Training**





TO THOSE WHO CLIMB™

### Lineman Safety is Our Priority

- 75+ years providing live line training at customer sites around the world
- Standard and custom courses available for distribution and transmission
- Safe work practices and methods
- Proper use and care of Chance tools
- Work methods for areas with limited access
- Complete actual maintenance activities during training
- Every participant who completes the course will receive a Chance certificate of completion
- Chance Demonstrators/Trainers are journeyman linemen averaging more than 20 years of live line experience



### Benefits of Live Line Maintenance

- Minimize power outages to your customers
- Avoid loss of revenue from turning the power off



# Transmission Training

## Standard Transmission Course

- Learn or reinforce safe work methods for transmission maintenance activities
  - Three week session - 120 Hours
  - Maximum 12 linemen per course
  - Classroom training (8 - 16 hours)
    - Principles of live line maintenance
    - General work rules
    - Safe working distances and clearances
    - Equipment and personnel
    - Tool load ratings
    - Rigging principles
    - Care and maintenance of tools and equipment
  - Hands on field training (104 - 112 hours)\*
    - Insulator change: suspension, support, dead-end
    - Crossarm change
    - Pole change
- \*Actual activities may vary based on the customer's structures and grid



# Distribution Training

## Standard Distribution Course

- Learn or reinforce safe work methods for distribution maintenance activities
  - One week session - 40 Hours
  - Maximum of 12 linemen per course
  - Classroom training (4 - 8 hours)
    - Principles of live line maintenance
    - General work rules
    - Safe working distances and clearances
    - Equipment and personnel
    - Tool load ratings
    - Rigging principles
    - Care and maintenance of tools and equipment
  - Hands on field training (32 - 36 hours)\*
    - Crossarm change
    - Insulator change
    - Cutting in a dead-end
    - Converting from a single to double crossarm
    - Transformer change
- \*Actual activities may vary based on the customer's structures and grid



For a quote, please return the completed form to your HPS representative, or complete and submit online at [www.hubbellpowersystems.com/HLTraining](http://www.hubbellpowersystems.com/HLTraining)

Company Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Email: \_\_\_\_\_

Training Location (City and Country): \_\_\_\_\_

How many linemen will be trained: \_\_\_\_\_ Experience level: \_\_\_\_\_

Please select from the following choices:

- Standard Distribution Training Course
- Standard Transmission Training Course
- Custom Course - Please attach explanation of the type of training and specific content and tasks to be covered.

Please complete the following:

#### Method

- Rubber Glove (36kV and below)
- Hotstick (All kV ratings)
- Barehand (Transmission only)

#### Conductor Type & Size

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

#### Aerial Devices

- Bucket Trucks
- Other: \_\_\_\_\_

#### Structure Types

- Wood Poles
- Steel Lattice
- Concrete Poles
- Steel Poles
- Guide Towers
- Other: \_\_\_\_\_

#### Conductor Arrangements

- Suspension
- Dead-end
- Vee Strings
- Jumper String
- Restrained Angle
- All of the above

#### Conductor Configurations

- Single Conductor
- Bundle
- Double Bundle
- Triple Bundle
- Quad Bundle
- Other: \_\_\_\_\_

#### KV Ratings

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

#### Spacing

- Between Conductors: \_\_\_\_\_
- Between Structures: \_\_\_\_\_

#### Insulator Information

- Glass
- Porcelain
- Polymer

#### Please provide the following

Structure Drawings  
Tower Arm Dimensions  
Hardware Dimensional Drawings  
Corona Ring Specific Details  
Davit Arm Details

#### Line Tensions

Suspension: \_\_\_\_\_

Dead-end: \_\_\_\_\_

Angles: \_\_\_\_\_

Insulator Diameters: \_\_\_\_\_

Insulators Per String: \_\_\_\_\_

## ABOUT HUBBELL POWER SYSTEMS

Hubbell Power Systems (HPS) manufactures a wide variety of transmission, distribution, substation, OEM, underground and communications products used by utilities. HPS products are also used in the civil construction, transportation, gas and water industries. Our product line includes construction, switching and protection products, hot line tools, insulators, arresters, pole line hardware, cable accessories, test equipment, transformer bushings, connectors, grounding equipment and polymer precast enclosures and equipment pads.

## HUBBELL® Power Systems, Inc.

### Family of Brands

**ANDERSON**

**CHANCE**

**Delmar**

**HUBBELL**

**OHIO BRASS**

**PCORE**  
ELECTRIC

**Electro Composites**  
solid HV bushings solution

**FARGO**

**Quazite**

**HOTBOX**

**POLYCAST**

**TRINETICS**

**USCO**  
Power Switches

Bulletin  
BR09006E

Hubbell has a policy of continuous product improvement. Please visit [hubbellpowersystems.com](http://hubbellpowersystems.com) to confirm current design specifications.

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