



Rodeo Events
Thursday, May 19
8 am – 5 pm

HURTMAN RESCUE

Event Summary: The purpose of this event is to simulate the rescue of a lineman that has been injured while climbing on a pole that has energized wires and/or equipment on it. Competitors must follow all appropriate safety rules and common industry standards to complete the rescue. Rubber Gloves shall be worn ground to ground.

POLE TOP PIN INSULATOR CHANGE-OUT

Event Summary: This event will be simulated as being de-energized and grounded and will consist of changing out the pole top insulator that is tied in with a preform wrap-lock with a rubber grommet. The apprentice will begin the event with their belt and hooks on. Rubber gloves will be required ground to ground (leather gloves will be appropriate until the apprentice begins their ascent). The event is dead and grounded, so the competitor will not have to use any cover up. The apprentice must raise and lower all material in a bag attached to the handline.

DOUBLE DEADEND POLYMER BELL CHANGE-OUT

Event Summary: This event will consist of changing out both dead-end bells on a single-phase pole. Primary is to be considered dead and grounded, but rubber gloves will be required for this event. Apprentice will be given 5 minutes set-up time and to ask questions. Time starts on judge's signal. The Apprentice will put on tools and climb to neutral and cover the neutral with 2 hoses and split blanket. Then the Apprentice will climb to primary, secure handline and change out both bells that are on the pole with 18-inch extension links. After changing bells Apprentice will descent to neutral and uncover, then railroad handline. Time will stop when Apprentice has both feet on ground.

SINGLE PHASE FUSE REPLACEMENT

Event Summary: This event will consist of changing out one (1) 100 amp switch. Line will be considered energized at 7200 kV and must follow APPA Safety Manual 16th Edition. The fuse will be located on an alley-arm construction (Electricities DWG #C10EC or DWG #C7EC depending on the station location) between the outside phase and the center phase on a 40- ft., class 4 wood pole.

OBSTACLE EVENT

Event Summary: This is a de-energized event. The Journeyman will climb a 40' pole equipped with 3-8' cross arms. The first cross arm will be mounted at 22' (from ground) and equipped with a drop in pin type polymer insulator. The second arm will be mounted at 28' (from ground) and will be equipped with a polymer dead-end insulator mounted to the arm on a 5/8" eye bolt. The top cross arm will be mounted at 33' (from ground) and will be equipped with a cut-out or mounted on an L bracket. Each Journeyman will be required to stop at each arm and relocate the arm mounted device to the opposite end of each arm.

TRANSFORMER ARRESTOR CHANGE-OUT

Event Summary: This event consists of replacing a pole-mounted transformer lightning arrester on a single-phase distribution line.

SINGLE PHASE CUTOUT CHANGEOUT (12Kv)

Event Summary: This event will consist of changing a 100-amp fused cutout on a single phase double dead end 40 foot, 12kV pole. The neutral and clevis shall be covered. Jumpers for the cutout will be #2 insulated copper connected to the primary with HOT Line Clamps. Competitor will be judged until event site is set back up to its original condition. Rubber gloves are required ground to ground.

OBSTACLE COURSE WITH GROUNDMAN

Event Summary: This is a de-energized event. The first climber will climb a 45' pole equipped with three (3) eight (8) foot cross arms. The first cross arm will be mounted at 25' and equipped with a drop-in pin with a polymer insulator. The second cross arm will be mounted at 31' and equipped with a polymer dead end insulator attached to the arm with a 5/8" eye bolt. The top cross arm will be mounted at 36' and will be equipped with a 100-amp fused cut-out attached with an L bracket. The climber is required to stop at each arm and relocate the arm mounted device to the opposite end of the arm. When the first climber has both feet on the ground, the second climber will climb the pole and relocate each device back to the other end of the arm. Once both climbers have relocated the equipment and the last climber has both feet on the ground and removed the fall arrest device from the pole, the ground person will have to open the barrel in the cut-out with a fiberglass extension stick. The barrel must be brought down and touched by the ground person. The fuse barrel must be replaced in the cut-out and closed. Time stops when the ground person has properly stored the stick in the retracted position.