

# Compete by the Beach

## About the Rodeo

This year's 2025 Rodeo theme is

**BACK TO BASICS,**

no mystery events

The San Diego Gas and Electric Rodeo is a proving ground for employees to put their skills to the test – competing against each other for the opportunity to represent SDG&E at international competitions in Kansas City and gas competitive teams to qualify to compete in the nationals in Kentucky. The lineman rodeo will also include Equipment Operators Competition. In addition, there will also be a cornhole competition. The primary purposes of the event are to help maintain a focus on safety and safe work practices, provide a forum for the public to better understand and recognize the technical craft skills our employees have, and to provide an opportunity for craftspeople in the trade to receive recognition for their skills. One other purpose has always been for the participants to compete and have fun while sharing work knowledge with others in their trade from different companies and different utilities. This event promotes unity.

### 2025 Committee Members:

- Darryl Hall
- Tina Williams
- Robert Gonzalez
- Bryce Necochea
- Derance Broadnax
- Cheryl Rossi
- Breanna Davis
- Michelle Hernandez
- Samantha Vargas
- Kaitlan King
- Joe Delgadillo
- Taylor Simmons
- Lou Giles
- Mike Grubbs
- Craig Ward
- Mike Forchette
- Brian Llano
- Miguel Gomez
- Nate Fairman
- Robert Garcia
- Mike Gunzelman
- Daniel Alegre
- John Mendoza
- Josh Smith
- Mark Engle
- Kevin Crawford
- Gus Hartman
- John Putek

# General rules

1. All safety rules are to be observed during events.
2. Journeymen refer to individual events rules regarding wearing of Class 2 Rubber gloves (20KV). Apprentices will be required to wear long gauntlet leather gloves. Apprentices will be using Class O rubber gloves.
3. Safety glasses are required for all events.
4. Hard hats must be worn properly during all events.
5. Buttoned up long sleeve shirts with sleeves rolled down are required.
6. A PPE and tool inspection will be conducted to check for safe condition and for any alterations to PPE or tools such as:
  - a. Tapered cuts on straps
  - b. Tape on straps
  - c. Filed buckles
  - d. Fingers cut out of gloves
  - e. Elongated holes in straps and belts
  - f. Improper gaff length
  - g. Unsafe handlines
  - h. Finger cut out of gloves
7. If a judge discovers altered tools, between 2 to 10 points can be deducted and it is at the judge's discretion. Competitors may ask the judge questions before the event begins, but not while judging, and it is his/her responsibility to do so. A maximum of 5 minutes to ask questions and layout tools will be given.
8. *ALL Journeyman and Apprentices will use Fall Restraint Safety Belts on all climbing events. No excessive slack will be allowed in the safety while climbing.*
9. *In the event of any heat related issues or minor injuries teams will be allowed to switch positions with-in the team once during the competition. Head Judge must approve of the change and sign off on event score sheet. Failure to disclose a switch we result in team disqualification. Only qualified apprentices or journeymen can climb. No groundmen.*

# Infraction definitions

## TWO POINT DEDUCTIONS

1. *Failure to cover neutral, secondary, or primary properly:* All potentially energized conductors must be fully covered with protective cover provided, when within slip, reach, or fall of energized conductor.
2. *Failure to maintain positive control of conductor while performing task;* when moving conductors, at least two points of control must be maintained.
3. *If lineman is engaged in any function of an energized conductor or device, the hand line must NOT be operated.* No hand line operation or climbing while either climber is ascending or descending the pole or transitioning the neutral.
4. *Safety Strap Infraction:* Safety strap must be always in control. Both snaps of safety must be hooked on the D-ring while climbing the pole.
5. *Improper hand line operation:* The lines of the hand line must not be twisted while raising or lowering tools or material. Tools and material can only be hung on the open hook of the hand line. The hand line may not be hung above the neutral before cover-up. The first man up the pole should take hand line and the last man on the pole below the neutral should drop the hand line. Any other order will be an infraction.
6. *Dropping tools or materials from pole.* Climbers cannot drop tools or materials from the pole.
7. *Misuse of tools, or the use of the wrong tool.* Tools must be used for their intended purpose and not altered from manufacturers specifications.
8. *Poor cooperation / communication between team members.* Arguing or otherwise displaying discontent with other team members causing poor communication.
9. *Extended body contact with covered neutral.* The body cannot have more than brush contact with the covered neutral.
10. *Failure to maintain proper clearance from energized conductors or parts:* Journeyman must maintain proper clearance from exposed energized primary conductors or parts with all parts of the body except the rubber-gloved hand. This would include any un-insulated tools attached to the energized primary conductor. Proper clearance is defined as within reach of exposed energized conductors. Encroaching the minimum approach distance with the hot end of the stick in contact with the simulated energized conductors is considered an infraction. This includes the rubber-gloved hand. Stick tolerance is 2'1", all sticks will have a tape mark at 2'1" for judges observation.
11. *Cutout:* Cutout is defined as one or more gaffs **out** of the pole and sliding away from the surface of the pole, out of control. Climbers must always maintain two points of contact. Any incidental step, cut out, or misstep which results in the gaff swinging away from the pole, will count as a 2 point deduction. A vertical cutout, where the gaff stays in the pole, will NOT be deducted.
12. *Failure to keep tools and materials on tarp:* All tools and materials must be completely on the tarp when time starts and when time stops.
13. *Always wear hard hat and safety glasses properly:* Hardhats must be worn with visor over face and not over the neck. All participants need to wear safety glasses while inside the event area.
14. *Failure to wear long sleeve shirt, sleeves down and buttoned:* long sleeve shirts are required. If shirt has buttons on the sleeve, they must be buttoned. Sleeves cannot be pushed or rolled up.
15. *Improper use of rubber gloves when required:* Journeyman must wear minimum 20 kV rubber gloves from ground to ground. Rubber gloves must be stored cuff down in glove bag. Glove bag cannot be used to hold tools, material, or wire. Rubber gloves are required

- when participant is within reach, fall or slip of energized conductors including the neutral.
16. Failure to wear work gloves with a gauntlet, when work gloves are required.
  17. The groundman must always wear work gloves with a gauntlet while they are performing work or handling tools or materials. Journeyman and Apprentices must wear work gloves under the same circumstances as the groundman while on the ground. Journeyman must wear work gloves with a gauntlet while on the pole except when rubber gloves are required.
  18. *Dropping or losing hard hat*: hard hats must be worn at all times while inside the event area. This applies to all team members or apprentices. Chin straps are recommended.
  19. *Hanging tools or materials on structure, conductor, or safety strap*: Tools or materials can only be hung on the open hand line hook or in tool bags hung on the open hand line hook.
  20. *Exposed blade on skinning knife*: All skinning knives must either be folded or properly sheathed. Exposed blade in the tool pouch on the climbing belt is considered misuse of tools. (No exposed blades)
  21. *Poor housekeeping*: Tools or materials placed on the tarp in a pile or directly under workman on the pole.
  22. Being late for an event.
  23. Coaching from outside the individual event arena (to be discussed- as this is discretionary).
  24. If you exceed the drop-dead time on any event, competitor(s) will be stopped, and there will be a 2-point deduction from the score.
  25. Others as determined by individual event descriptions.

## **TEN POINT DEDUCTIONS**

1. *Failure to use hand line for raising and lowering tools and materials:* The hand line is to be used to send tools and materials up and down the pole. The intent of this infraction is to deduct points for deliberately tossing tools and materials from the pole to the ground or from the ground to the journeyman on the pole.
2. *Second man starts to climb before first man is belted off:* The first Journeyman up the pole must be belted off before the second journeyman starts climbing the pole.
3. Losing control of a conductor is defined as being unable to hold in position without touching the pole, hardware, other conductors, or dropping completely.
4. Dropping the conductor is defined as coming out of tool or hand and falling free.
5. *Working Opposite Phases at the same time:* the journeymen on the pole cannot be in contact with opposite phases at the same time with sticks or rubber gloves.
6. *Contact with energized conductor,* contact with any body part, except the rubber-gloved hand on neutral and secondary.

## **DISQUALIFICATION**

1. *Unprofessional behavior*
2. *Practicing on the Rodeo field prior to the Rodeo*
3. No one is permitted to practice on any of the event structures at the rodeo grounds prior to the rodeo event or ENTER into the rodeo grounds prior to the rodeo starting. *Intentional sabotage or tampering with materials, tools, or equipment on the Rodeo Field will result in immediate disqualification.*
4. Anyone tampering with or seeking to hamper the use of tools to be used by following participants will be disqualified.
5. *Unapproved use of alternates or changing status of team members during the events*
6. (See Head Judge for approved use of alternates or change in team status during Rodeo.) Switching out team members without going through proper substitution procedures will result in disqualification.
7. *Protests need to be by team only* (No help from spectators or others.)
8. Protests from those other than the team will result in the team being disqualified. All protests must be made to a Head Judge of the event prior to leaving that particular event, before the team or apprentice leaves the event. **ALL** Master Judge's decisions are final.
9. *Modifying rubber gloves in any way.*
10. No holes, notches, cut or slashes in any part of rubber gloves.
11. *Failure to attempt an event.*

## **CONTESTING AN INFRACTION DEDUCTION**

1. The team or apprentice must be the one to contest the call. Help from spectators or others in a contested call situation will result in the team or apprentice being disqualified. No team or apprentice will be allowed to protest another team or apprentice.
  - a. If a competitor wishes to contest a call, they must take their grievance to the event head judge before the competitor leaves the event grounds. The head judge will settle the dispute. If it is not settled at this point, it will then go to the Master Judge, where teams are **NOT** to be present during that decision.

# **JOURNEYMEN TEAM EVENTS**

- SPEED CLIMB
- INSULATOR CHANGE OUT
  - HURTMAN RESCUE
- UNDERGROUND LOADBREAK ELBOW MAKEUP

# Journeyman/Apprentice Speed Climb

**MEAN TIME 2.5 MINUTES**

## **OBJECTIVE**

The objective of this event is to safely and quickly climb up then down a 40' pole without breaking the egg you will be carrying (egg is a large egg).

## **CONSTRUCTION**

A 40' pole with a "J" hook underneath a short crossarm and empty grunt sack at pole top.

## **PROCEDURE**

Leather gloves are to be worn during this event. You will have 3 min prep/question time (pre adjust your belt around the pole)

Stand at the pole, arm's length away, with tools on. With egg sack in mouth nod to the judge that you are ready.

Time starts at the judge's signal of "ready, set, go".

Climb the pole with fall arrest belt correctly adjusted and with little grunt sack with the egg secured in your mouth. Only the egg is allowed in the grunt sack (no Padding).

If the egg falls out while ascending the pole. You must continue the speed climb. If you do not, you will be disqualified and receive maximum deductions for the event.

At pole top, remove the empty grunt sack from the "J" hook and drop it to the ground. Make sure and yell "headache" or "in the hole". Bag must fall within a 10ft of the radial circle of the pole. The attempt is that the bag is to fall straight down (it is understood that there is a breeze).

Put egg in your mouth, hang the grunt sack on the "J" hook, then climb down the pole without breaking/chipping the egg.

Time stops when first foot hits the ground.

Control must be maintained at all times (no "hot dogging" or "free falling").

The fall arrest belt must be correctly adjusted – at all times.

**The competitor must remain belted 100% of the time while ascending and descending using a fall restraint safety belt.**

**THE TWO JOURNEYMEN'S TIMES IN THE EVENT WILL BE ADDED TOGETHER FOR A TOTAL TEAM TIME.**

## **DEDUCTIONS**

**2-Points:** Single foot cut out (only when foot breaks away from pole) a cut-out when foot stay within the pole will be acceptable, chipped or cracked egg, not yelling headache, stepping outside the 10' circle with climbing hooks still on before or after climb

**10-Points:** Full Cut out, broken egg

(there are NO WIRES attached to the pole to transition over from the ground to the J-hooks)

# Journeyman Event: 12kV Insulator Change Out

## MEAN TIME 6 MINUTES

### OBJECTIVE

This is a 12kv hotstick event. Purpose of the event is to replace a damaged insulator.

Both climbers may have tools on prior to start. Both climbers must climb one at a time to the primary neutral, cover primary neutral, ascend to the primary crossarm, untie conductor with both linemen controlling conductor with hotsticks, transfer conductor to already in place fiberglass scab arm. Change insulator. (Once first lineman completes a full wrap of tie around conductor, at that time may commence tying in conductor simultaneously).

54" tie wire

Insulator will require two stop ties as previously installed

Note: Minimum of three tightened buttons to the neck of the insulator. Tie wire must be even in length and upon installation must have a minimum of four parallel wraps with the ends bent over touching the conductor.

### CONSTRUCTION SPECIFICATIONS

- 40' Wood pole
- 10' crossarm
- 2- #2 acsr conductors mounted on crossarm
- Conductor size- #6/3 CU
- 2- pin & Insulator (one on each side of the crossarm)
- Fiberglass scab arm already in place & to remain in place
- Running neutral on the pole below crossarm

### MATERIALS

- Handline
  - (2) 1" x 4' nylon sling
  - gut bag
  - (2) line hose 1"
  - hotstick bag
  - grunt sack
  - (2) mechanical hand hotsticks (tying in wire)
  - (2) pig tail hot sticks (for holding conductor and transferring wire)
  - Arm guard
- (Teams may utilize their own handlines, a ring stick or swivel stick for tying wire. Teams may bring their own stick bag, grunt bag, lien hose bag)



# Journeyman Hurtman Rescue

**1 Climber, 1 opening cutout/closing cutout, 1 Calling Man Down/Call for Help/Receives Injured, slack in rope & completes one chest compression**

**MEAN TIME 4 MINUTES**

## OBJECTIVE

The objective of this event is to rescue the injured worker (hurtman) safely, quickly, and start CPR.

## CONSTRUCTION

A 40' pole with a single 8' crossarm will be installed at the top of the pole. There will be a pin and insulator installed at both ends of the arm. The "hurtman" will hang in the center of the pole on the crossarm side with both ends of the safety strap through the braces.

## PROCEDURE

Climber must use Class 2 rubber gloves must be worn during this event. You will have 5 min prep/question time.

Time starts when judge signals "ready, set, go"

A: one Journeyman: announces "man down" and make an emergency call

B: one Journeyman: Must open the cutout fuse with a telescoping pole extension stick. Must announce "opening"

C: one Journeyman: quickly puts on his tools and class 2 rubber gloves.

- Ascend the pole, using a fall restraint belt, until the hurtman is reached.

The hurtman should be secured tightly **under the arm pits** with 3 "half hitches" (only acceptable knot). The eye splice/ snap hook of the fall line must not be in the knots. Competitor must complete three clicks of the ox-block. "Headache" or "in the hole" must be yelled (loudly) before dropping the fall line. The fall line is to be dropped within 10' marked circle at the base of the pole.

The orange **strap** must be cut. A **10-point deduction** will be made for cutting the brown leather belt. Knife must be stowed prior to lowering the hurtman. If you have any questions about what to cut ask the judge **before** starting the event.

The hurtman must be kept under control while being lowered and must not contact the pole incidental touching the pole while injured is lowered is okay. Time stops when compression has completed and the cutout has been closed – judge will stop time when cutout is closed.

A judge will then measure the gap between the chest of the hurtman and the half hitch using a length of 3-inch conduit. If the conduit fits in that space a **10-point deduction will be levied**.

Upon completion of the event the lineman will hang the hurtman for the next contestant.

Remember: scoring criteria, (except time) will continue until the lineman is back on the ground with their climbing tools off.

**The lineman must remain belted 100% of the time while ascending and descending the pole using a fall restraint safety belt.**

**The lineman may not put anything into their mouth during this event.**

**Upon ending the event, lineman must remain on the pole to reset dummy for next contestant.**

# Journeyman Underground Loadbreak Elbow Makeup

**MEAN TIME 5 MINUTES**

## **OBJECTIVE**

The objective of this event is to makeup a #2 Solid AL loadbreak elbow.

## **CONSTRUCTION**

An underground station with two bushings and secondary.

## **PROCEDURE**

Makeup elbow, wire brush and connect ground. Stand it off, announce exposing energized bushing and announce energizing transformer and announce voltage on transformer.

## **MATERIAL**

- #2 AL loadbreak elbow
- Wire brush
- Wire stripper
- **Door stop/Clapper**
- **Cable cutters**
- **Silicone grease**
- **Standoff pin and cap**
- Two transformer caps
- Voltage tester
- Shot gun/Hotstick
- Probe inserter tool
- MD6 tool with BG dies
- Knee pad

## **DEDUCTIONS**

- Incorrect Measurements
- Not wire brushing ground
- Not announcing procedures while competing

**NOTE: No power tools allowed**

## **APPRENTICE EVENTS**

- HURT MAN RESCUE
  - SPEED CLIMB
- SERVICE TRANSFER ON POLE
- UNDERGROUND SERVICE MAKEUP

# Apprentice Hurtman Rescue

MEAN TIME 4 MINUTES

## **OBJECTIVE**

The objective of this event is to rescue the injured worker (hurtman) safely and quickly.

## **CONSTRUCTION**

A 40' pole with a single 8' crossarm will be installed at the top of the pole. There will be a pin and insulator installed in both ends of the arm. The "hurtman" will hang in the center of the pole on the crossarm side with both ends of the safety strap through the braces.

## **PROCEDURE**

- Leather gloves must be worn during this event.
- You will have 5 min prep/ question time.
- Time starts when judge signals "go"
- The apprentice is to quickly put on their tools.
- Ascend the pole, using a fall restraint belt, until the hurtman is reached.

Ascend the pole, using a fall restraint belt, until the hurtman is reached.

The hurtman should be secured tightly **under the arm pits** with 3 "half hitches" (only Acceptable knot). The eye splice/ snap hook of the fall line must not be in the knots. Competitors must take two wraps on the friction bar of the ox-block. "Headache" or "in the Hole" must be yelled (loudly) before dropping the fall line. The fall line is to be dropped within 10' marked radial circle at the base of the pole.

The orange rope must be cut. A **10-point deduction** will be made for cutting the brown Leather belt. Knife must be safely controled. If you have any questions about what to cut ask the judge before starting the event. (Judge has laminated example)

The hurtman must be kept under control while being lowered and must not contact the pole. Time stops when first foot of the hurtman is on the ground.

Judge will yell "TIME" to stop time. Contestant will still lower dummy until rope is slack.

A judge will then measure the gap between the chest of the hurtman and the half hitches using a 3-inch conduit. If the conduit fits in that space a **10-point deduction will be levied**.

Upon completion of the event, the apprentice will hang the hurtman for the next contestant.

Remember: scoring criteria, (except time) will continue until the apprentice is back on the ground with their climbing tools off.

**The apprentice must remain belted 100% of the time while ascending and descending the pole using a fall restraint safety belt.**

**The apprentice may not put anything into their mouth during this event.**

# Apprentice Speed Climb

**MEAN TIME 2 MINUTES**

## **OBJECTIVE**

The objective of this event is to safely and quickly climb up then down a 40' pole without breaking the egg you will be carrying.

## **CONSTRUCTION**

A 40' pole with a "J" hook underneath a short crossarm and empty grunt sack at pole top.

## **PROCEDURE**

Leather gloves are to be worn during this event. You will have 3 min prep/question time (pre adjust your belt around the pole)

Stand at the pole, arm's length away, with tools on. With egg sack in mouth nod to the judge that you are ready.

Time starts at the judge's signal of "ready, set, go".

Climb the pole with fall arrest belt correctly adjusted and with little grunt sack with the egg secured in your mouth. Only the egg is allowed in the grunt sack (no Padding).

If the egg falls out while ascending the pole. You must continue the speed climb. If you do not, you will be disqualified and receive maximum deductions for the event.

At pole top, remove the empty grunt sack from the "J" hook and drop it to the ground. Make sure and yell "headache" or "in the hole". Bag must fall within a 10ft of the radial circle of the pole. The attempt is that the bag is to fall straight down (it is understood that there is a breeze).

Put egg in your mouth, hang the grunt sack on the "J" hook, then climb down the pole without breaking/chipping the egg.

Time stops when first foot hits the ground.

Control must be maintained at all times (no "hot dogging" or "free falling").

The fall arrest belt must be correctly adjusted – at all times.

**The competitor must remain belted 100% of the time while ascending and descending using a fall restraint safety belt.**

## **DEDUCTIONS**

**2-Points:** Single foot cut out (only when foot breaks away from pole) a cut-out when foot stay within the pole will be acceptable, chipped/cracked egg, not yelling headache, stepping outside the 10' circle with climbing hooks still on before or after climb

**10-Points:** Full Cut out, broken egg

# Apprentice Overhead Service Transfer

MEAN TIME 5 MINUTES

## **OBJECTIVE**

The apprentice will transfer a service from the energized side of crossarm to the other side of the energized cross arm. Class O rubber gloves must be used.

## **PROCEDURE**

Tools may be on prior to starting.

Task 1: Must announce transitioning while ascending or descending the communication line attached below the crossarm.

Disconnect one service from one end of the arm while the wire through the conduit under the crossarm is to be considered the feed and is energized on both ends and transfer the service wire to the other side.

Yellow wire nuts are being utilized to cover exposed ends of energized wire. Connectors will not be taped but must be separated and not making contact with other wires while tightening or untightening other connectors.

## **MATERIALS**

- Handline
- Grunt bag
- #6 Solid CU preform
- 3 Yellow wire nuts
- 3 extra Kearny connectors (extra kearnys are only the event that the previous event stripped )
- If this should happen time will stop
- Apprentice will cutout the old Kearny and reskin wire and time will resume

## **DEDUCTIONS**

- Not having rubber gloves
- Failing to brush conductor prior to connecting connections
- Improper sequence of de-energizing or re-energizing
- Contacting another wire with tools while making the connection with tool
- Not covering energized wires
- Wire nuts falling off
- Dropping anything

**NOTE: No power tools allowed**

# Apprentice Underground Service Makeup

**MEAN TIME 3.5 MINUTES**

## **OBJECTIVE**

The apprentice will make up single phase connecting into a three phase system.

## **CONSTRUCTION**

A secondary hole box (3312) four wires coming out of conduit with molds. Three wires cut clear coming out of conduit. Ratte snake in hole. Broom by the side of the hole and a blue bucket. Knee pad.

## **PROCEDURE**

- Upon Go, two sweeps on the top with broom
- Open the lid and announce "Snake in the hole"
- Remove snake with broom
- Must put the snake in the blue bucket while not dropping the snake from the hole to the bucket or for the bucket to tip over with the snake in it.
- Must use Class O Rubber Gloves
- Three wires coming out of conduit must be skinned, brushed, and connected in sequence

## **DEDUCTIONS**

- Dropping snake outside of hole
- Bucket tipping over with snake in it
- Not brushing wire
- Not hooking up in sequence
- Connection not tight
- Not using Class O gloves

Event will end when apprentice says time

Apprentice will be judged but not timed by the sequence of removing service from molds

**NOTE: No power tools allowed**