



PACIFIC NORTHWEST LINEMAN RODEO

JULY 23, 2011

**Sponsored by: Portland General Electric, PacifiCorp,
Clark Public Utilities and I.B.E.W. Locals 125 and 659**

The Pacific Northwest Lineman Rodeo planning committee would like to thank and congratulate all of the previous year's competitors and participants who take pride in your profession and have the desire to come out, compete, and have fun at the annual Lineman Rodeo! We would like to invite you to this year's Pacific Northwest Lineman Rodeo. It will again be held at **PGE's Lineman Substation, located at 3450 W. Powell Boulevard, Gresham, Oregon**. Competition begins at 8:00 a.m.

A Team for the Lineman Rodeo consists of four participants: two climbing Journeyman, a Groundman, and a Judge, who may also be an alternate for the Team. Apprentices compete individually. Utility Supervisors and Journeymen are Judges, and will follow strict guidelines.

All participants will need to bring their own hooks, belts, hard hat, safety glasses, hand tools, rubber gloves and protectors. **Journeyman teams must bring a hand-line for 45' poles.** We shall provide necessary hot-sticks and special tools, but you are welcome to bring your own, as long as they are approved tools. Long sleeved shirts are required. PLEASE ENSURE THAT ALL BAGS AND TOOLS ARE CLEARLY MARKED WITH YOUR NAME AND/OR COMPANY FOR IDENTIFICATION. Any custom and/or hand-made tools such as bags, holders, etc., must be approved by the Chief Judge prior to an event. ANY tool or stick used on a "line" may not have been customized or modified in any manner, as they will not be allowed in competition.

Listed below are the scheduled events for the 2011 Pacific Northwest Lineman Rodeo:

Journeyman events:

Team Hurt-man Rescue (2 man)
Pole Climb with raw egg
Pin & glass change-out
Cut-out change-out

Apprentice events:

Hurt-man Rescue
Pole Climb with raw egg
Written Test
Secondary connector & lead change-out
Secondary pedestal make up

Attached are the following:

Rodeo Agenda: (Page 2)

Competitors Registration Forms: (Pg. 4-5)

Judges Registration Forms: (Page 6)

Vendor Registration Forms: (Page 7)

General Q&A: (Page 8-10)

Judging Guidelines: (Page 11-14)

Journeyman Team Events: (Page 15-21)

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Directions to Rodeo Grounds: (Page 28)

Shirt/Hat/Buckle Order Form: (Page 29)

THE PICTURE ENCLOSED WILL BE THE DESIGN FOR THE 2011 PACIFIC NORTHWEST LINEMAN RODEO SHIRTS, LESS ALL OF THE INFORMATIONAL SCRIPT.

FOR ORDERING INFORMATION, SEE PAGE 31.

Rodeo Agenda

Friday, July 22, 2011

9:00AM – 2:00PM: Pre-registration at the Rodeo Grounds for early arrivals.

Note: Contestants registering on Friday will still need to take Team pictures on Saturday morning.

5:00PM – ?: Judges' Meeting:

Rodeo Grounds
3450 W Powell Blvd.
Gresham, OR 97230
(888) 828-1918

It is imperative that all Judges attend this meeting in order that rules and guidelines may be discussed and judging parameters be set for the following day.

Saturday, July 23, 2011

6:30AM: Registration of contestants, receive scoring packets, and Team or Individual Pictures

8:00AM: Color Guard Ceremony
Opening Ceremony
Rodeo Competition Begins

At the conclusion of the Rodeo and following the last event, a social / dinner hour will take place on the grounds while the competition results are being tallied for Award Presentations.

Once again, the **IBEW Local 125 Union Hall** will be serving refreshments and food for all competitors, participants and spectators. All proceeds from sales will be donated to the IBEW Local 125 Brotherhood Fund. They will, however, need assistance throughout the day, and welcome all volunteers. If you are interested, please contact:

Byron Babka, Business Representative, IBEW Local 125
17200 NE Sacramento St., Gresham, OR 97230
(503) 262-9125 Ext. 128 Cell # (503) 880-4384
E-mail: byron@ibew125.com

For further questions concerning information or participation in the 2011 Pacific Northwest Lineman Rodeo, please contact:

Gene Morris	PacifiCorp	503-280-2702	Portland, OR
Brian Williams	Portland General Electric	503-539-6429	Oregon City, OR
Jared Eddings	Clark Public Utilities	360-992-8888	Vancouver, WA
Joel Wallace	Portland General Electric	503-703-4307	Salem, OR
Bob DeLair	Portland General Electric	503-849-8013	Portland, OR
Travis Hefely	Clark Public Utilities	360-992-8888	Vancouver, WA

For information on or questions on individual events or judging, please contact **Travis Hefely, Master Judge:**

Clark Public Utilities	Office:	360-992-8888
	Fax:	360-992-8030

NOTICE

***THIS IS AN INFORMATION PACKET
ONLY!***

**YOU ARE NOT
OFFICIALLY REGISTERED
UNTIL YOUR FORM HAS
BEEN SUBMITTED.**

**SPACE IS LIMITED! RETURN YOUR
REGISTRATION FORM BEFORE JULY 1, 2011
TO ENSURE YOUR SPOT!**

TEAM ENTRY FORM

PACIFIC NORTHWEST LINEMAN RODEO, GRESHAM, OREGON

\$100 FEE PER TEAM - Entry Form to Be Postmarked By July 1, 2011

PRINT CLEARLY - YOUR NAME & ADDRESS WILL BE USED TO SEND YOU THE RESULTS !!!

Journeyman #1: Name _____ Phone: _____
Address: _____ City _____ State _____ Zip _____
Company Name and
Address: _____
Circle Shirt Size: S M L XL XXL

Journeyman #2: Name _____ Phone: _____
Address: _____ City _____ State _____ Zip _____
Company Name and
Address: _____
Circle Shirt Size: S M L XL XXL

Groundman: Name _____ Phone: _____
Address: _____ City _____ State _____ Zip _____
Company Name and
Address: _____
Circle Shirt Size: S M L XL XXL

Judge: Name _____ Phone: _____
Address: _____ City _____ State _____ Zip _____
Company: _____ Occupation: _____
What would you like to judge? 1: _____ 2: _____ 3: _____
Circle Shirt Size: S M L XL XXL

SENIOR DIVISION: 50 yrs of age or older Yes or No (please circle)

MAKE CHECKS PAYABLE TO: PACIFIC NORTHWEST LINEMAN RODEO

MAIL CHECK AND COMPLETED FORM(S) TO: Pacific Northwest Lineman Rodeo Association
209 Warner Milne
Oregon City, OR 97045

Participants are responsible for their own transportation, hotel, and meal expenses en-route and during the Rodeo. (Expenses and reimbursement should be coordinated through local management.)

Participants are required to sign a liability release before participating in the Rodeo, releasing Rodeo sponsors, and the Rodeo Committee from liability should an injury occur during the Lineman Rodeo.

APPRENTICE ENTRY FORM

PACIFIC NORTHWEST LINEMAN RODEO, GRESHAM, OREGON

\$25 FEE PER APPRENTICE

Entry Form to be Postmarked By July 1, 2011

PRINT CLEARLY - YOUR NAME & ADDRESS WILL BE USED TO SEND YOU THE RESULTS !!

Apprentice:

Name _____ Phone: _____

Address: _____ City _____ State _____ Zip _____

Company Name and

Address: _____

Location: _____

Circle Shirt Size: S M L XL XXL

MAKE CHECKS PAYABLE TO: PACIFIC NORTHWEST LINEMAN RODEO

**MAIL CHECK AND COMPLETED FORM(S) TO: Pacific Northwest Lineman Rodeo Association
209 Warner Milne
Oregon City, OR 97045**

Participants are responsible for their own transportation, hotel, and meal expenses en-route and during the Rodeo. (Expenses and reimbursement should be coordinated through local management.) Participants will be required to sign a liability release before participating in the Rodeo, releasing the Rodeo sponsors, and the Rodeo Committee from liability should an injury occur during the Lineman Rodeo.

IT IS IMPORTANT THAT YOU ENTER BELOW HOW LONG YOU WILL HAVE BEEN IN A LINEMAN APPRENTICESHIP PROGRAM **AS OF JULY 23, 2011**, AND HOW LONG THE DURATION OF YOUR PROGRAM IS SCHEDULED TO BE! AS NOT ALL APPRENTICESHIP PROGRAMS ARE THE SAME LENGTH, WE NEED TO KNOW HOW LONG YOURS IS IN ORDER TO PLACE YOU IN THE CORRECT CATEGORY.

This information will be necessary as we will again have separate awards for the:
Top First-year Apprentice (still in the first 1/3 of their program duration).
Top Second-year Apprentice (in the 2nd third of their program duration).

HOW LONG HAVE YOU BEEN IN AN APPRENTICESHIP PROGRAM? (months) _____

HOW LONG IS THE SCHEDULED DURATION OF YOUR PROGRAM? (months) _____

NAME OF INSTRUCTOR/SUPERVISOR: _____ PHONE: _____

NOTE: APPRENTICES MAY BE REQUIRED TO VERIFY THEIR LENGTH IN A PROGRAM VIA SUPERVISOR, INSTRUCTOR, ETC. LATE REGISTRATION MAY AUTOMATICALLY PLACE AN APPRENTICE IN THE "THIRD STEP" CATEGORY.

VOLUNTEER JUDGE'S FORM

The 2011 Pacific Northwest Lineman Rodeo Competition will again be held at PGE's Lineman Substation, 3450 Powell Blvd., Gresham, OR. We would like to thank all participants in the past for taking pride in their profession and dedicating their time to support this annual event.

In recent years, there has been somewhat of a shortage of Judges for the competition. We would like to put out a request for Journeyman Linemen and Supervisors to come out and participate as Judges for this year's competition. If anyone would be interested, please fill out the information below and send this form to the address listed below. You will be sent an information packet for review of the judging guidelines and rules, which you should review prior to the Judges' Meeting, Friday, July 22, 2011.

Thank you,

Pacific Northwest Lineman Rodeo Committee

Judge's Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip _____

Company Name and Address: _____

Circle Shirt Size: S M L XL XXL

Event Preferences: 1: _____

2: _____

3: _____

**Mail this form to: Pacific Northwest Lineman Rodeo Association
209 Warner Milne
Oregon City, OR 97045**

Note: All judges must wear proper PPE

Pacific Northwest Lineman Rodeo July 23, 2011 Vendor Registration

The Pacific Northwest Lineman Rodeo, sponsored by PGE, PacifiCorp, Clark PUD, IBEW Locals 125 and 659, and planning committee would like to thank you for your participation and interest in this year's event. The 2011 Lineman's Rodeo will again be held at:

Portland General Electric's Lineman Substation
3450 W. Powell Blvd.
Gresham, OR 97230

The Vendor Fee for this year's rodeo is \$100; door prizes are optional. Spaces may be limited, so please reply prior to July 14, 2011.

Tents (10' x 10') are available for extra door prizes - make sure we know ahead of time as we may run out.

If you desire a larger tent, 10' X 20' tent rentals are available through Key Manufacturing & Rentals. Quoted prices are \$195/day for a 10' X 20' tent. Please contact the tent supplier if you choose to have one set up, and let us know what size you will use, so we'll know the space you will need. If you use the tent supplier, please make arrangements to pay them directly, not through the Rodeo Association. **Availability is limited due to busy season, reserve as soon as possible; contact Sheridan at 503-597-2020.**

Electricity is available but limited, so please indicate if you will require it at your booth. Should you have any special requirements, please contact us and we will make every effort to accommodate your requests.

Please fill out and return form to: **Pacific Northwest Lineman's Rodeo Association**
209 Warner Milne
Oregon City, OR 97045
Patti Dunn-Miller (503) 742-8314

Company Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact Person: _____ Phone: _____

Weblink: _____

Will you be using a 10' x 10' tent in exchange for extra door prizes? YES / NO

Will you be ordering a larger tent from Northwest Tents and Events? YES / NO Size: 10' X 20'

Will you require electricity? YES / NO

Opening Ceremonies begin at 8:00a.m. We look forward to seeing you and again thank you for your interest.

Pacific Northwest Lineman's Rodeo Association

Pacific Northwest Lineman Rodeo

General Questions and Answers

1. **Who is qualified to enter and what is a Team?** A Team consists of two Journeyman Linemen, one Groundman, **and** a Judge. The Groundman may be a Journeyman Lineman, but remains the Groundman for all events. If a competitor is hurt or disqualified, he/she will be out of the competition for the remainder of the events. The Team can then substitute an alternate man as his replacement. The Groundman may, with the Chief Judge's approval, be an alternate, but he must also be a Journeyman Lineman.
2. **Will any events be in aerial buckets?** No!
3. **May the simulated "hot" events be rubber gloved?** No. Gloves must be worn only when a Lineman breaches minimum clearances, unless otherwise specified. All "hot" events, unless stated otherwise, are simulated 12.5kv, and must be worked with sticks.
4. **What will we be scored on?** You will be scored on Safety practices, work practices, equipment handling, neatness, and a timely competition of each event.
5. **Who will be the Judges?** Utility Supervisors, Journeyman Linemen, working or retired, will be the event Judges.
6. **How many Judges will there be for each of our events?** Except for the Speed Climb, all events will have only one Judge per Team or Apprentice. The Speed Climb event will have two Judges to get a correct and average time.
7. **Will there be cause for immediate disqualification?** Yes. Bad or unruly conduct, and consumption of alcohol during competition are grounds for disqualification.
8. **Do we have to furnish any tools?** Yes. You will need hooks, belt, hard hat, safety glasses, long sleeved shirts, hand tools, rubber gloves, hot line tools and hand-lines for 45' poles. We will provide the hand-lines for the High-line event, if desired, and the Hurt-man Rescue. Though we will provide hot line-tools and cover up equipment for most events, for Teams that were unable to ship their own, supplies may be limited. You are welcome to bring your own tools, as long as they are not modified in any way.
9. **Can I use custom or homemade tools?** Any tool used on a conductor, simulated "energized" or not, must not be custom made or modified in any way. Any questionable hot-line tool may need approval of the Event Judge, and may be subject to identification in Manufacturer's Catalogs available on hand. Glove bags, stick bags, tool holders, etc., may be modified or customized, and are subject to approval of the Master Judge.
10. **Will there be bleachers available at the Rodeo grounds?** Yes, but they will be limited. It would be a good idea to bring your own chairs, if desired.
11. **Will refreshments be available?** Yes, the IBEW Local 125 Union Hall will be providing food and beverages at the site. All of the proceeds will be donated to the I.B.E.W 125 Brotherhood Fund. Note: **Per OLCC all alcoholic beverages must be purchased through the concession stand.**

12. **Can we stay on the Rodeo grounds?** Yes, provided you have self contained camping equipment. Security will be provided Friday evening through Sunday morning.
13. **Can we ask our Judge questions?** Yes, but only prior to the start of the event. You may not question him once your time has started.
14. **What happens when our Judge is from my area or company?** You should request another Judge.
15. **May I contest a call if I disagree with a deduction?** Yes. You may contest a call with the Chief Judge of your event, and the Event Judge, if necessary, without consequence.
16. **A first aid station and paramedics will be on the grounds throughout the day.**
17. **Will video footage be allowed to settle disputes?** No, not at all !!!
18. **Can I use Velcro straps on my climbers?** Yes, if they are used as manufactured, and not modified in any way.
19. **Are Team shirts required?** No. Only long sleeved shirts are required.
20. **Can an Apprentice be a Groundman on a Rodeo Team, while still competing in the Apprentice competition?** Yes.
21. **Is there a minimum hot-stick length?** Yes; 6' sticks are the minimum lengths, unless otherwise specified.
22. **Is the Groundman the safety watch?** No, the Judge is the safety watch.
23. **If I am the Groundman on a Team, can I climb in the Hurt-man rescue or Speed climb if I hold a Journeyman's card?** No, the designated Groundman remains so during all events, except as noted in Question 1, above.
24. **Our area has a person who would like to volunteer as a Judge, although he is not a Supervisor, past participant, or a Journeyman Lineman. Can he still be a Judge?** He may not be a Judge, but volunteers are always needed for the Rodeo in staging areas, Hurt-man rescue, and other areas.
25. **Is it important to provide a Judge from my area?** Yes. As a general rule of thumb, we need at least one Judge for each Team competing. It places a real hardship on local utilities and contractors to provide half of the Judges needed. We encourage all Teams to bring as many Judges as they can. It is important, however, that all Judges be at the Friday night Judges meeting to give input, discuss methods and work practices, and set common guidelines for judging the competition.
26. **Are safety glasses required in all events?** Yes; they need not have side shields. If they are not safety glasses, they will be allowed only if they are approved for use by your employer.
27. **I still have a single locking safety belt, will they be allowed?** No. OSHA Regulations disallow them now.

- 28. Do I have to have the leather belt loop on my safety belt?** No. It is a common practice to remove them and they do not represent a safety hazard if missing.
- 29. Can we run a hand-line while the Linemen are working?** Yes, but only if they are safe-tied in, and not ascending or descending the pole.
- 30. If a Lineman is climbing, can the other Lineman secure the hand-line to stop movement, and the Groundman hang something on it?** Yes, as long as the hand-line is not “running,” and does not interfere with the other climber.
- 31. If we contest a call, will we receive a deduction?** No. However, you **MUST** satisfy your contested call with the Event Judge, or the Master Judge if necessary, before leaving the event area. After leaving the area, the call stands and will be recorded in the Scoring trailer.
- 32. If we feel we have not been scored correctly, can we notify the person doing the recording in the Scoring trailer?** NO!! Absolutely no contestants are allowed in the Scoring trailer, as it has posed a problem in the past. **Once you leave your event, your score and time stand as is!!!**
- 33. As a judge do I need to bring anything?** Yes. Proper work wear – hard hats, glasses & footwear.

SCORING GUIDELINES

1. Scoring will be judged for:

- *Safety
- *Work Practice
- *Neatness and Ability
- *Equipment Handling
- *Timely Completion of the Event

Time will be used only as a tiebreaker.

2. Total number of events for each Team: 5 (five), each Apprentice: 6 (six).

3. Each event is worth 100 points.

4. For each event, the Teams, or Apprentice with the highest score (100 points), shall then use time to determine the winner. The Team with the fastest time in that event will be determined the winner.

5. There will be **no bonus** points for placing 1st, 2nd, or 3rd in any event.

6. Upon completion of all events, the Team or Apprentice with the highest total points will be determined the Overall Champions of the Rodeo. In the event of a tie score, the Team or Apprentice with the lowest **total time** will be determined the Champions.

7. Again, there will be separate awards for the Top First Year Apprentice and the Top Second Year Apprentice. These awards will be made solely on Overall standings, and not per individual event!

As not all Apprenticeship programs are consistent in length, you will have a place on your registration form to indicate the number of months you have been in the program, as well as the total length of your program. The category you are placed in will be based on **one-third of your overall program length**.

NOTE: APPRENTICES MAY BE REQUIRED TO VERIFY THEIR LENGTH IN A PROGRAM VIA SUPERVISOR, INSTRUCTOR, ETC. LATE REGISTRATION MAY AUTOMATICALLY PLACE AN APPRENTICE IN THE "THIRD STEP" CATEGORY.

NOTE: PRE-APPRENTICE MAY WIN AN EVENT, BUT WILL NOT BE ALLOWED TO WIN THE APPRENTICE OVERALL.

NOTE: MUST BE 18 YEARS OR OLDER TO COMPETE IN WOMENS POLE CLIMB.

JUDGING GUIDELINES

The Pacific Northwest Lineman Rodeo Committee sets forth the judging guidelines listed below. Each event will be worth a total of 100 points.

All safety rules are to be observed during events. (See the following list for some of the point deductions. For additional deductions, see individual event descriptions, as well as questions and answers.)

INFRACTIONS - 2-POINT DEDUCTION

1. Lose hard hat.
2. Not wearing safety glasses.
3. Dropping tools or equipment.
4. Burnouts.
5. Hot-dogging.
6. Hand-line operations while climbers are ascending or descending a pole, or unsafe-tied.
7. Misuse of rubber.
8. Second man starts climbing before first man is buckled off.
9. Twisted hand-line operation.
10. Not wearing OSHA-approved Lineman's belt.
11. Poor housekeeping.
12. Lack of communication.
13. Exceeding the mean time to complete an event.
14. Climbers ascending or descending at the same time.
15. Long sleeved shirts are required. OSHA rules will apply. Journeymen should know what to use and what to wear. If shirt has buttons on the sleeves, they must be buttoned. Sleeves can't be pushed or rolled up.
16. Dropping hand-line before one Lineman is on the ground: hand-line could be the lifeline.
17. Rescue dummy not hitting the ground in a gentle, controlled manner.
18. Breaking minimum clearance rules.
19. One Lineman securing a phase while the other Lineman completes a task

GENERAL RULES - 10-POINT DEDUCTION

1. Accidental contact with phases.
2. Working opposite phases.
3. Throwing materials or tools off poles.
4. Rescue dummy free falling to the ground or otherwise, in the Judge's opinion, is "out of control" of the rescuer.

RULES

1. Burnout/Cutout/Fall - Maintaining at least one hook in the pole, and staying in control doesn't constitute a burnout, cutout or fall. A 2-point deduction will result in a situation where control is lost and/or both Gaffs leave the pole causing the climber to drop or fall.
2. Grabbing onto braces, arms or hardware to assist a climber when positioning themselves on a pole will result in a 2-point deduction.
3. Failure to wear proper safety equipment correctly such as hard hats, safety glasses, long sleeved shirts with sleeves rolled up, and unbuttoned or buckle straps not tucked in will result in a 2-point deduction.
4. Tarps laid on the ground for purpose of laying hot sticks may be walked on with no penalty. Walking on tarps with gaffs on, **covered or not**, will result in 2-point deduction
5. Any item dropped, unless otherwise noted, will be a 2-point deduction.
6. When simulating "HOT" events, the work being performed must not cause excessive shaking of the pole or conductors; excessive shaking MAY result in a 2-point deduction.
7. Judging of the Hurt-man Rescue event does not stop once the dummy is on the ground, the rope slack. Though the time has stopped, contestants may still receive deductions for mishaps that occur while re-hanging the dummy and descending the pole. Please read guidelines thoroughly; they have changed.
8. Judges are responsible to oversee that the dummy is properly re-hung for the next contestant.
9. Any Team member who persists on gathering information from a Judge, heckling or arguing a point, will be urged once to drop the issue. Failure to do so may result in up to a 5-point deduction.
10. Teams that fail to report to event stations after being summoned twice may forfeit that event and receive no points. Discretion may be used by the Chief Judge of the event.
11. Each event will simply begin as follows: When the Team/Apprentice tells the Judge they're "READY", time starts when the Judge says, "GO."
12. All hot-sticks are to hang on approved hot stick hangers or be in bags with the exception with sticks that lock on, unless otherwise specified.
13. No power tools, hydraulic, electric or otherwise, are allowed.
14. When applying cover and rubber, only standard practices are acceptable. No taping or tying of cover is allowed.
15. At no time shall one climber secure a phase while the other climber completes a task.
16. Multiple dings apply against safety issues only! When a safety violation is broken multiple times, the proper amount of points will be deducted. Example: A Journeyman breaches proper clearances three times that will result in a total of a 6-point deduction.

17. Unless otherwise noted, failure to complete an event will result in a 100-point deduction.

LISTED ABOVE ARE ANSWERS TO COMMONLY RAISED QUESTIONS, THESE ARE ONLY SOME OF THE DEDUCTIONS. ALSO SEE EVENT DESCRIPTIONS, QUESTIONS & ANSWERS, ETC.

TEAM HURT-MAN RESCUE

Mean Time: 4 Minutes

Purpose: To safely clear primary voltage hazard and smoothly lower HURT-MAN to the ground.

Looking at Line and Buck pole, facing a 7200v two bushing transformer, mannequin will be belted above the top transformer hanging bracket, hanging on the backside of the pole. The hand-line will be hanging on an eye nut on the spool end of the neutral, on the same side as the fused disconnect. An 8' shotgun with switch attachment will be hanging in the eye of the fused cutout door.

A tool inspection will be required prior to the start of the event for both Journeymen Linemen.

1. Rescue person's tools will be hung on a simulated line truck. When the Team Leader tells the Judge they're "READY", time starts when the Judge says "GO."
2. Team member must use supplied work order and give simulated radio call for help using portable radio. Judge will act as dispatcher. (While rescuers are tooling up.)
3. Information on work order must be accurate, Example: "Emergency, man down, we need an ambulance at . . ." (give work order address), wait for the load dispatcher. Judge is to repeat back correct information, and then Team member will return to rescue effort and declare to his Team that medical help is on the way. **Note: Location information will be provided the day of the Rodeo.**
4. When the mannequin is on the ground and the rope is slack, the Judge will then record the Rescue Time and then inspect the knot.
5. The mean time for safely getting the mannequin on the ground is 4 minutes.
10. Electrical hazard must be cleared using shotgun and switch stick attachment.
11. Mannequin will be tied under the arms with three half hitches. Eye splice will not be part of the knot. The half hitch is the only acceptable knot.
12. A Bashlin belt #57-N will be supplied for use on the mannequin. You must cut the insert only. There will be a 10-point deduction for cutting the belt in the wrong place.
13. Headache, or an appropriate warning, must be called if the sheave is dropped off the pole. The sheave must land within the 10' radius ring painted around the pole.
14. Your knife must be back in its sheath before letting the mannequin down **only** if you are letting it down alone.
15. Mannequin should be let down smoothly, without roughly coming into contact with the pole.
16. Always take a minimum of one complete wrap around cross arm, if not using hand-line sheave.
17. Contestant will re-hang mannequin (per Judges' instruction).

NOTE: NEW THIS YEAR. Both Journeymen will have to take their turn rescuing the mannequin. Times will be averaged together.

2-POINT DEDUCTIONS:

Breaking minimum safe work clearance of 2'2".

A Team member not making the emergency call, after Judge says, "GO".

Team member making emergency call, not making correct call.

Not using 3 half hitches.

Not calling out "Headache!" or appropriate warning, if sheave is dropped

Sheave not landing within the 10' ring.

Not having knife back in sheath before letting mannequin down, if performing rescue alone.

Mannequin hitting pole excessively on the way down.

Poor Team communications.

Dropping of tools and equipment other than hand-line sheave.

Not using switch stick attachment on shotgun to open the fused cutout.

Contacting a phase with the hand-line rope, even if you are wearing rubber gloves.

Dummy not hitting the ground in a gentle, controlled manner.

10-POINT DEDUCTIONS:

Dropping mannequin.

Cutting Bashlin Belt #57-N in the wrong place.

Not removing Hi-side of fused cutout before rigging mannequin.

Incidental contact of dummy before primary is cleared.

Getting in series, from pole to ground. Lineman must jump onto pole.

Contacting a phase with the hand-line rope while anyone *in contact* with the rope is not wearing rubber gloves.

Dummy hitting the ground in what the Judge would consider "out of control," further injuring the victim.

MATERIALS PROVIDED:

Hand-line

Pole Mannequin

Shotgun with switch attachment

Portable radio

Work Order

Load dispatcher (Judge)

Simulated line truck (where tools will be hung)

QUESTIONS & ANSWERS FOR HURT-MAN RESCUE

Q: If the transformer is still hot and the mannequin is in contact with the transformer and the pole, is this pole considered energized?

A: Yes.

Q: May I use a telescoping stick to open cutout?

A: No. A shotgun with fuse stick attachment will be hanging from the switch door, and the fused door must be opened with the switch stick attachment.

Q: Where is the mannequin belted?

A: Above the top hanger bracket on the transformer with the mannequin hanging opposite the transformer.

Q: Where is the hand-line hanging?

A: On an eye nut, on the spool end of an upset bolt on the low common neutral.

Q: Will I be required to cut the skid to complete rescue?

A: No.

- Q: Does my knife have to be returned to its sheath before letting the dummy down?
A: Only if you are letting the mannequin down by yourself.
- Q: Will we be able to handle the hand-line before the electrical contact has been cleared?
A: Yes, with proper safety procedures.
- Q: How much time do we have to complete the rescue?
A: 4 minutes to have slack in the rope.
- Q: Must rescuers wear rubber gloves?
A: Yes, if participating in the rescue, until the hazard of electrical shock has been cleared.
- Q: If my hand-line rope contacts a phase and my Groundman is in holding the rope, but we are both wearing gloves, how many deductions?
A: A 2-point deduction is the minimum deduction for contacting a phase with the rope.
- Q: If either of us aren't wearing gloves, and are in contact with the rope while it hits a phase, how many deductions?
A: A 10-point deduction.
- Q: If I am wearing rubber gloves while the rope hits a phase, but my Groundman is not in contact with the rope, how many deductions?
A: A 2-point deduction if he is not in contact with the rope.
- Q: Can we let the dummy free fall to the ground?
A: No, he must be kept in control at all times. He may brush the pole on the way down, but if he hits the pole or ground too hard, in the Judge's opinion, you could receive a 2-point or 10-point deduction. (See Judging Guidelines on Page 11-14.)

POLE CLIMB WITH RAW EGG ON 45' POLE

PLEASE READ THOROUGHLY!!!

The purpose of the event is for each Lineman to follow the guidelines exactly, climbing safely and professionally.

1. Time starts when the first Lineman is standing arm's length from the pole, with the egg in the bucket and the bucket in his mouth. When the Lineman signals the Judge he is "READY", time starts when the Judge says, "GO."
2. Climb pole with egg in bucket. Only the egg is allowed in the bucket; no padding may be added.
3. He may climb free-style or safe-tied in, but **must** safety off and lean back into his belt when he reaches the top of the pole.
4. **Remove the egg from the bucket and place into the inverted pole cap mounted on the top of the pole. He must then hang his bucket on the J-hook provided and descend the pole.**
5. **When the first Lineman is on the ground, safety removed and clear of the pole, the second Lineman must then ascend the pole and safety in. Then, retrieve the egg and bucket left**

by the first Lineman, and descend the pole. He may carry the egg down in his mouth or in the bucket. If he chooses to carry it in his mouth, he must drop the bucket to the ground.

6. Climb down without breaking egg. He may descend the pole with his safety strap on or off, but must have safe tied in upon reaching the top **before** retrieving the egg and bucket.
7. Time stops when first foot hits the ground.
8. No free-fall or hot-dogging; Lineman must be in control at all times. One hook must be in the pole at all times.

2-POINT DEDUCTIONS:

Cutouts, slips, or falls

Failure to safety in at the top of the pole

Failure to retrieve the bucket at the top of the pole

Second Lineman begins to climb before the first lineman is clear of the pole

10-POINT DEDUCTION

Cracked or broken egg

MATERIAL PROVIDED:

1 - Small Grunt Bag

1 - Raw Grade A medium egg

QUESTIONS & ANSWERS FOR POLE CLIMB:

Q: I wear false teeth. Can I take them out while participating?

A: No.

Q: A Grade A medium egg won't fit in my mouth. Can I use a smaller egg?

A: No. Only Grade A medium eggs will be used.

Q: Do we have to safety off before hanging or removing the bucket?

A: Yes, both Linemen must safety in and lean back into their belt.

Q: Do I have to wear rubber gloves during this event?

A: No, but leather gloves are required.

Q: Can I start over if my egg breaks in the bucket on the way to the pole?

A: No. Once the Lineman has chosen their egg, the egg is then the team's responsibility.

Q: If I just drop my bucket, and it doesn't land on the chips, will I receive a deduction?

A: No, not if you simply dropped it. No throwing or tossing of the bags is allowed.

Q: If while we are climbing (up or down) and the egg falls out of the pole cap, can we catch it?

A: Only the lineman who is on the pole may catch the egg, with no deduction if it hasn't broken!

However, he must complete his task: the first lineman must leave the egg and bucket at the top, and the second Lineman must retrieve them!!!

Q: What if our egg shatters in the pole cap?

A: You must remove the pole cap (it is held in place by velcro), dump it out, and replace it. We will have a bucket truck available to clean and replace the pole cap if this happens. You will receive the 10 point deduction for the egg.

Q: What if our egg hits the ground and doesn't break?

A: Complete your task as required.

CUT-OUT CHANGE-OUT

Mean time: 8 minutes

1. This is a simulated 12kv event and approved hot-sticks and materials must be used.
2. Construction: 45' pole, single phase, double dead-end. A pole-mount bracket and cut-out will be approximately 18" down from the primary dead-ends.
3. The team will be required to change the cut-out and jumpers while keeping the lines energized.
4. Time will stop when all tools and materials are on the ground and the linemen are both on the ground.

MATERIALS SUPPLIED:

- 1- Mechanical Jumper with rubber hose installed.
- 2- Shotguns
- 1- Cut-out
- 2- Rubber line hoses & split blanket
- 2-Copper jumpers (line & load)
- 2- Hot line clamps

QUESTIONS AND ANSWERS:

Q: Can we climb with rubber gloves?

A: Yes, as is practiced during Lineman Rodeo competition in past events.

Q: Can we safety above the neutral before it is covered?

A: No, it must be covered before either Journeyman safeties above it, and uncovered only after both Journeymen are safe-tied below.

Q: May one Journeyman cover the neutral?

A: Yes.

Q: Can the first Journeyman hang the hand-line while the second is climbing?

A: Yes, as long as it doesn't interfere with the second climber.

Q: Must we use rubber gloves?

A: Only if breaching the minimum clearance on the conductors.

Q: Can we hang or tie the hand-line above the neutral before it is covered?

A: Yes; as long as you do not break minimum clearance rules without PPE.

Q: Is the mechanical jumper considered a conductor?

A: Yes, it must be covered.

Q: Does the cut-out gate need to be opened before removing the line and load side jumpers?

A: No.

Q: Must we send the cut-out up and down in a material bag?

A: No.

PIN & GLASS INSULATOR CHANGE-OUT

Mean time: 15 minutes

1. This is a simulated 12kV event and approved hot sticks and materials must be used.
2. **Construction:** 45' pole, 10' crossarm, 3-phase #4 copper will be tied in on pin and glass with 42" copper P-ties. The center phase will be on a "sky" pin. The neutral will be on an upset bolt 4' down from the crossarm.
3. The team will be required to cover the neutral, and then replace the pin & glass insulator on both of the outside phases while using an arm gin to lift the wire.
4. Time will stop when all equipment is on the ground, and the last journeyman's foot hits the ground.

MATERIALS SUPPLIED:

1- 6' arm gin	1- Pigtail stick
2- Rubber line hoses & a split blanket (neutral)	1- Duckbill clamp stick
2- Blue line (hot rope)	2- Shotguns
1- Hand line	1- Sheave
2- 42" P-ties	1- Split blanket
1- Butt chain	1- Arm guard
1- Hand (tie stick)	2- Plastic line covers

QUESTIONS AND ANSWERS FOR SKY PIN INSULATOR CHANGE-OUT:

Q: Can we climb with rubber gloves?

A: Yes, as is practiced during Lineman Rodeo competition in past events.

Q: Can we safety above the neutral before it is covered?

A: No, it must be covered before either Journeyman safeties above it, and uncovered only after both Journeymen are safe-tied below.

Q: May one Journeyman cover the neutral?

A: Yes.

Q: Can the first Journeyman hang the hand-line while the second is climbing?

A: Yes, as long as it doesn't interfere with the second climber.

Q: Must we use rubber gloves?

A: Only if breaching the minimum clearance on the conductors.

Q: Can we hang or tie the hand-line above the neutral before it is covered?

A: Yes; as long as you do not break minimum clearance rules without PPE.

Q: May we hang the hand-line on the crossarm?

A: Yes; as long as you do not break minimum clearance rules without PPE.

Q: Must we cover both sides of the center phase?

A: Only if you will be breaching the minimum clearance.

Q: Can we install the split blanket around the sky pin with rubber gloves only?

A: No. The phase must also be covered.

Q: If removing or tying a tie-wire, may we hit the arm?

A: No. There is no deduct if your wire hits the arm guard, but it will be deducted if you choose not to use the guard.

Q: Do we have to wear rubber gloves to replace insulator?

A: No, unless you are going to be breaking the M.A.D.

Q: Does the phase need to be covered while replacing the insulator?

A: No, unless you are going to be breaching the M.A.D.

Q: Must we use the butt chain to tie off the hot rope?

A: Yes.

Q: Do we have to use a hold down while untying the conductor?

A: Yes. Either by rope or non-working Journeyman.

Q: Can one Journeyman move the conductor into place?

A: No. It takes both Journeymen to move the wire.

Q: Can we use the hand (tie-stick) to move the conductor?

A: No.

ALL LINEMAN APPRENTICES/ PRE-APPRENTICES

**YOUR FIRST EVENT OF THE DAY WILL BE YOUR WRITTEN TEST.
YOUR SECOND EVENT WILL BE HI-LIGHTED IN YOUR SCOREBOOKS**

AFTER THAT, YOU MAY PROCEED AS YOU WISH, BUT IN A TIMELY MATTER.
SCOREKEEPERS SHALL BE KEEPING TRACK OF EXTREME DELAY OF COMPETITORS
THROUGHOUT THE DAY TO ENSURE A SMOOTH AND RAPID PROCESSION OF
COMPETITION.

**YOU WILL REPORT TO THE LARGE TENT TO TAKE
YOUR WRITTEN TEST BY APPROXIMATELY 8:30a.m.**

ALL APPRENTICES AND PRE-APPRENTICES MUST TAKE THE TEST AT THE SAME TIME!

**IF YOU HAVE NOT REPORTED TO TAKE YOUR TEST BY 8:45a.m, YOU MAY
RECEIVE A 5-POINT DEDUCTION FOR THE DELAY.**

**NOTE: TIMES FOR YOUR WRITTEN TEST WILL BEGIN APPROXIMATELY 30 MINUTES AFTER
THE OPENING CEREMONIES HAVE CONCLUDED.**

PLAN TO ATTEND IMMEDIATELY AFTER THE OPENING CEREMONIES

There will be four separate written tests and a pre-apprentice test given, each with 50 questions: There is one test for each step in the Apprenticeship program that covers, but is not limited to, safety, knowledge, and practical application that you should have acquired during your time in the program. For example, a second year Apprentice will not be tested on what he is expected to learn during his third year, but a third year Apprentice test will cover all materials over his three years.

In order to keep the written test as a viable part of the Rodeo, yet not continually have it appear to be a deciding factor in overall results, we will modify the scoring method this year. You shall receive a standard 2-point deduction, off of your initial 100 points, for each 5-point reduction of your test score, which deductions shall be as follows:

SCORE	DEDUCT		SCORE	DEDUCT		SCORE	DEDUCT		SCORE	DEDUCT
96-100	0 gigs		71-75	10 gigs		46-50	20 gigs		21-25	30 gigs
91-95	2 gigs		66-70	12 gigs		41-45	22 gigs		16-20	32 gigs
86-90	4 gigs		61-65	14 gigs		36-40	24 gigs		11-15	34 gigs
81-85	6 gigs		56-60	16 gigs		31-35	26 gigs		06-10	36 gigs
76-80	8 gigs		51-55	18 gigs		26-30	28 gigs		00-05	38 gigs

APPRENTICE HURT-MAN RESCUE

Mean time: 3 minutes

This year, the Apprentice Hurt-man Rescue will be performed alone, as done in the past. There will be no CPR following the event. This is a simulated 12Kv rescue event, and rubber gloves will be required. The Apprentices equipment must be inspected and the scorebook filled out prior to the start.

Construction: There will be a single 8' crossarm atop a 45' pole, with a mannequin hanging at the braces.

1. The Apprentices tools must be off, laying a minimum of arms-distance away from the pole. Glove bags can be opened, but the gloves must be in the bag.
2. When the judge says, "Go", the Apprentice will put on his tools, ascend the pole, and rescue the mannequin using the hand-line provided.
3. Only 3 half hitches are allowed, with no part of the eye being in the knot. The rope must be snug under the armpits.
4. The rope must have a complete wrap around the crossarm.
5. Time stops when the mannequin is on the ground and there is slack in the rope.

QUESTIONS AND ANSWERS FOR THE APPRENTICE HURT-MAN RESCUE:

Q: Must I wear rubber gloves?

A: Yes, at least until the mannequin has been rescued.

Q: Can I use another person to assist in the lowering of the dummy?

A: No. You must do it alone.

Q: Must I notify a dispatcher, etc., as the Journeyman Team does?

A: No, but you must tell the Judge to "Call 911" or something of that nature.

Q: How can I rig the Dummy?

A: A three half hitch is the only acceptable knot, snugged, and tucked into the Dummy's armpits.

Q: Can I have an open knife?

A: Yes, but ALL exposed blades must be properly sheathed.

Q: Must I sheath my knife prior to letting the mannequin down?

A: Yes! Yes! Yes!!

Q: Can I free-fall the mannequin and slow him before it hits the ground.

A: No. The mannequin's descent must be in a controlled manner. See **Judging Guidelines, Page 13**.

Q: When cutting the insert, if the mannequin initially swings back into the pole, will that be a deduction?

A: How hard it comes back in is at the Judge's discretion, but some swing is expected.

Q: Will I be required to cut the skid?

A: No. You may unbuckle the belt. If you cut the skid, you **MUST** cut the inserts provided.

Q: When the mannequin is safely on the ground, will I be deducted if it lies against the pole?

A: No, not if safely and smoothly let to the ground and lays against the pole (not hits the pole).

Q: Can it touch the pole on the way down?

A: No part of the mannequin (head, hands, feet) may touch the pole on its decent. The mannequin's skid is not considered part of his body.

Q: Do my gaff guards have to be installed on my climbers before the judge says, "Go".

A: Yes.

Q: Can I drop the hand-line sheave?

A: Yes, but you **MUST** yell "Headache" or a similar appropriate gesture to the personnel on the ground!

APPRENTICE POLE CLIMBING WITH RAW EGG ON 45'POLE

The purpose of the event is to follow the guidelines exactly, climbing safely and professionally.

1. When the Apprentice is standing at arm's length from the pole and tells the Judge he is "READY", time starts when the Judge says, "GO."
2. Climb pole with egg in bucket. Only the egg is allowed in the bucket; no padding may be added.
3. He may climb free-style or safe-tied in, but must safety off when he reaches the top of the pole.
4. Remove old bucket and *drop it to the base of the pole.*
5. Put egg in mouth; hang bucket on J hook.
6. Climb down without breaking egg.
7. Time stops when first foot hits the ground.
8. No free-fall or hot-dogging. Apprentice must be in control at all times. One hook must be in the pole at all times.

DEDUCTIONS: 10-Point deduction for a cracked egg.
See General Rules, Judging and Scoring guidelines (Pages 11-14) for other deductions.

MATERIAL PROVIDED:

1 - Small Grunt Bag 1 - Raw Grade A medium egg

QUESTIONS & ANSWERS FOR POLE CLIMB:

Q: I wear false teeth. Can I take them out while participating?

A: No.

Q: A Grade A medium egg won't fit in my mouth. Can I use a smaller egg?

A: No. Only Grade A medium eggs will be used.

Q: Do I have to safety off before removing existing bucket?

A: Yes.

Q: Do I have to wear rubber gloves during this event?

A: No, but leather gloves are required.

Q: Can I start over if my egg breaks in the bucket on the way up to the pole?

A: No. Once the Apprentice has chosen their own egg, the egg is then their own responsibility.

Q: If I just drop my bucket, and it doesn't land on the chips, will I receive deduction?

A: Not if you simply dropped it. No throwing or tossing of the bags is allowed.

WRITTEN TEST

The written exam will consist of 50 questions, 2 points per question (even if one question requires several answers, such as transformer bank connections). You must give all of the required answer or answers for each test question. If you miss any part of a question, for each question, you will receive a 2-point reduction in your test score.

The test shall cover, but is not limited to, line work safety, OSHA 1910-269, grounding, First Aid, CPR, transformer connections, etc. There will be written, multiple choice, and connection questions on the exam.

You will be directed to the written exam location on the day of the Rodeo.

Again, ALL Apprentices must take their written exam as their first event of the day, immediately after opening ceremonies are concluded.

In order to keep the written tests a viable part of the Rodeo, yet not continually have it appear to be a deciding factor in overall results, we will modify the scoring method this year. You shall receive a standard 2-point deduction, off of your initial 100 points, for each 5-point reduction of your test score. See Scoring Guideline on Page 11.

TRANSFORMER LEAD & CONNECTOR CHANGE-OUT

Mean Time: 9 Minutes

1. **Construction:** 45' pole with a transformer and an arm mounted cut-out on it.
2. The apprentice will be required to de-energize the transformer, then ascend the pole and change out all three transformer leads, and all three secondary connectors in proper sequence. Once that is done, the apprentice will descend the pole, and re-energize the transformer.
3. Time will stop when all tools and materials are on the ground.

MATERIALS SUPPLIED:

1- Extendo stick

1- Grunt bag

3- Secondary connectors (9/16" one-bolts)
1- Hand line

1- Tie down stake
3- Copper pot leads

QUESTIONS AND ANSWERS FOR SECONDARY CONNECTOR CHANGE-OUT:

Q: Can I have my belt and hooks on to open the cut-out?

A: No, but you can have your belt on.

Q: Can I leave the extendo stick hanging in the cut-out gate?

A: Yes, but if it falls out there will be a two-point deduction.

Q: Do I have to run my own handline?

A: Yes

Q: Can I run my handline with my tools on?

A: No, only your belt.

SECONDARY PEDESTAL MAKE-UP

(Mean Time: 6 minutes)

1. This is simulated, an energized 120v-240v secondary pedestal.
2. The apprentice must install approx. 15 ft. of 4/0 secondary triplex into a hot pedestal and then complete the make-up of that wire in proper sequence, including proper tagging.
3. Time will stop when the pedestal lid is on and secured down.

MATERIALS PROVIDED:

15 ft. of 4/0 TX
1- Stripping tool
3- Feed tags
1- Wire cutter
1- PED wrench
1- 5 star tool
1- Roll of tape

QUESTIONS AND ANSWERS:

Q: Do I have to wear my secondary gloves during the make-up?

A: Yes.

Q: Do I have to put the PED covers back on before I close the lid?

A: Yes.

Q: Do we have to use a stripping tool to skin the wire?

A: No, you may also use a knife.

Q: Do I have to make out the tags?

A: No, they will be pre-made.

----- END OF EVENT DESCRIPTIONS -----

LOCAL ACCOMMODATIONS

Hawthorn Inn & Suites

2323 NE 181st Avenue (Exit 13 from I-84)

Gresham, OR 97320

Reservations: 1-800-527-1133

Sleep Inn

2261 NE 181st Ave.

Gresham, OR 97230

Reservations: 1-800-SLEEP-INN

Four Points Sheraton, Portland East

1919 NE 181st Ave.

Gresham, OR 97230

Reservations: 1-888-828-1918

PACIFIC NORTHWEST LINEMAN RODEO

July 23, 2011

Gresham, Oregon

Opening Ceremonies at 8:00 a.m., Competition begins at 8:30 a.m.
Competitors register from 6:30 a.m. to 8:00 a.m.

Directions to Rodeo Grounds: (Judge's meeting held here)

1.a: From Washington: South on I-205 to I-84 East

1.b: From Southern Oregon: North on I-205 to I-84 East

1.c: From Eastern Oregon: West on I-84 West to NE 181st Ave. **(Exit #13)**

Exit I-84 at Exit #13, NE 181st Ave. (3.75 miles from I-205)

South on 181st Ave. to SE Powell Blvd. (3.5 miles)

East on Powell Blvd. to FIRST LIGHT (1/2 mile).

Turn right, go about 1/4 mile, and turn into the first road to the left. You will see the pole farm to your left. Proceed into the Rodeo grounds.

2011 Pacific Northwest Lineman Rodeo Order Form

(Special orders and orders for 3X need to be mailed in by June 1, 2011 and will be available by the Rodeo Day, if not sooner)

Name _____ Company _____

Address _____ City _____

State _____ Zip _____

Work Phone _____ (Orders will be delivered to Company when possible)

Short Sleeve Tee: **\$20.00**
Color: Navy Blue Size L XL XXL
Quantity: _____ _____ _____

Hooded Sweatshirts: **\$30.00**
Color: Gray Size M L XL XXL
Quantity: _____ _____ _____ _____

Numbered Belt Buckles: **\$35.00**
Quantity: _____

Total: _____

Make checks payable to: **PACIFIC NORTHWEST LINEMAN'S RODEO ASSOC.**

Mail to: **Pacific Northwest Lineman's Rodeo Association**
Attn: Kari Kennedy
4245 Kale St. NE
Salem, OR 97305-2333

OR: Contact your Company Representative for the Lineman's Rodeo Committee to place an order.

Note: Short sleeved shirts will be available at the Rodeo.