Washington State Department of Labor and Industries

ELECTRICAL CURRENTS

Newsletter from the Office of the Chief Electrical Inspector

Ron Fuller, Chief Electrical Inspector **Vol. 9 No. 2** **February 2006**

Three Positions Open On Electrical Board

There are currently three board positions vacant or up for re-appointment in July 2006. The positions include: electrician, general public, and telecommunication provider. Applications must be received, by the Governor, no later than March 15, 2006. The Governor is interested in improving ethnic, gender and geographic balance on the Electrical Board. Applications must be made using the *Application for Gubernatorial Appointment to a Board or Commission* form. Requests for copies of the application and any questions may be directed to Christina Pourarien at (360) 902-5259 or downloaded at:

http://www.governor.wa.gov/boards/default.asp

Applicants should submit a letter of interest, completed application form, current resume, and letters of recommendation to the Governor's office (Office of the Governor, Attn: Shana Melanson, PO Box 40002, Olympia, WA 98504-0002) by March 15, 2006.

Electrical Contractor Survey

Thanks to everyone who took the time to respond to the recent survey sent to 4,195 electrical contractors across Washington. Twenty-seven percent (1,115) of the contractors surveyed responded. Thanks to everyone who took the time to provide us with their thoughts. We value your input and will use it to make the Electrical Program better able to serve our customers. The survey was intended to help L&I identify electrical contractors' primary needs and concerns.

In general, contractors indicated a strong satisfaction with the overall services currently provided by the Electrical Program. The contractors who responded listed three items that are of most concern.

By far, the most significant need is for L&I to respond to inspection requests as soon as possible, preferably within 24 hours after receiving a request. Contractors indicated that they incur substantial costs when inspections are delayed.

Other issues that stood out in the survey's results were:

- Ensuring consistency, fairness, and professionalism among inspectors; and
- Improving on L&I's efforts in combating fraud (i.e. the underground economy and helping to ensure a level competitive playing field).

The Electrical Program will use all the survey results to help in setting program policy and direction in the future. The program will continue its emphasis on providing 24 hour turnaround for inspection requests. L&I is currently requesting eight additional inspectors to help us respond faster to inspection requests. Efforts will also continue in improving the consistency, fairness, and professionalism of our inspectors and in combating fraud. The Electrical-CORE team is now in place and is seeking out violators of electrical licensing and permitting laws.

Fire Alarm Systems

Some building officials are now allowing the fire detection devices required in residential occupancies to be a part of a centralized alarm system (i.e. security and fire) that has battery backup. When this is allowed, the normally installed 120 volt w/independent battery back-up smoke detectors are usually not installed. If centralized fire detection devices are used as a part of any other system, the circuiting for those detectors must meet the requirements of WAC 296-46B-760 and NEC 760 for power-limited fire alarm circuits.

WAC 296-46B-760 requires all boxes in a fire alarm circuit to be painted red. When a limited energy installation heat or smoke detector circuit is installed in lieu of line voltage smoke detectors, the red paint identifies the fire alarm circuits from other systems. The red paint is only necessary for those boxes installed for the fire or smoke alarm system circuits. Any other limited energy circuit (security, etc.) boxes

do not require identification with red paint. NEC 760.26, .55, and .56 place specific requirements on other systems (power, security, etc.) allowed in these dedicated fire or smoke alarm system boxes.

Junction boxes for traditional line voltage smoke detectors (with battery back-up) have no special circuit separation or painting requirements, since the functionality is in the device, not the circuit. Other circuits can be in the in the junction box that supplies a line voltage smoke detector.

● Grounding Requirements for Feeders Between Structures

National Electrical Code (NEC) 250.32(B)(1) and (2) are unclear. Subsection(1) requires that an equipment grounding conductor be run with the feeder supply conductors to a separate building/structure and says that a grounded circuit conductor (neutral) cannot be connected to the equipment grounding system at the separate building/structure. Subsection (2) appears to contradict the requirements in subsection (1) by not requiring an equipment grounding conductor to be installed and by also allowing the neutral to be connected to the equipment grounding system at the separate building/structure.

WAC 296-46B-250(2) takes precedent over the requirements in NEC 250.32(B) (1) and (2) for grounding a separate building/structure. The WAC says, "*Effective August 1, 2003, an equipment grounding conductor must be installed with the circuit conductors between buildings and/or structures. A grounded conductor (i.e., neutral) is not permitted to be used in place of a separate equipment grounding conductor between buildings and/or structures.*"

An equipment grounding conductor must be installed with the circuit conductors between buildings and the neutral cannot be grounded to the equipment grounding system at the additional building/structure. This ensures that no stray neutral conductor current is placed on the equipment grounding system or runs through the earth. The equipment grounding system is not designed to carry any portion of the circuit current.

In addition, NEC 250.32(A) requires a complete grounding electrode system at each building supplied by a feeder. The only exception is where a single branch circuit supplies the building/structure and the branch circuit includes an equipment grounding conductor.

● Can One Water Well, Septic, Or Other System Be Used To Supply Two Dwellings?

The NEC does not prohibit the sharing of plumbing or other mechanical systems between dwellings. However, it does have specific requirements for the electrical circuits providing power to those systems. The basic requirements of NEC 210.25 have been in place since the 1980's.

NEC 210.25 says, *"Branch circuits in dwelling units shall supply only loads within that dwelling unit or loads associated only with that dwelling unit…"* In the case of two or more dwelling units sharing a common well, septic, or other mechanical system, the electrical supply to these systems cannot come from any of the individual dwelling units. The system must be supplied from a separate source of power, not from one of the dwellings.

● Electrical Work Permits

A single entity purchasing electrical work permits may include all the electrical work being done on a single job site in one electrical work permit (e.g. temporary service, building service, feeders, swimming pool, septic, etc.).

The rules require that "each entity" responsible for electrical work must obtain a permit for their own work. For example, an 01-General electrical contractor installing a building service/circuits and an 06A-HVAC/R electrical contractor installing HVAC/R low voltage controls must obtain separate permits under their individual business' name(i.e. 01-General permits the service/circuits, the 06A-HVAC/R permits the low voltage controls). If the description of work on an electrical permit is expanded to cover the work of another contractor or individual, the permit purchaser will be held responsible for the work, good or bad.

● Electrical Question of the Month

This Month's Question: When equipment has been recognized as suitable for a specific purpose, function, use, environment, application, and so forth, it is which of the following: **A)** Approved, **B)** Listed, **C)** Identified, **D)** Labeled.

Last Month's Question: The minimum ampacity for circuit conductors supplying a varying duty pump motor with a 30 minute duty rating shall be sized based on what percentage of the motor nameplate

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current? **A)** 150%, **B)** 125%, **C)** 115%, **D)** 100%. The answer is: **A)** [Table 430-22(E) Duty-Cycle Service]

Final Judgments of Electrical Laws
For the 4th Quarter of 2005

Violator	Penalty
Violation – No Electrical Contractor's License	
Region 1 – North Puget Sound	
A BRITE IDEA, UNION CITY BLVD, UNION CITY CA	$ 500
BECK, DARRIN, PICNIC POINT, REDMOND WA	$ 1,500
BRANTNER, JESS, GOLD CK LP RD, CARLTON WA	$ 500
CAP CONSTRUCTION, 6TH AVE SE, EVERETT WA	$ 500
CORVUS, PARKRIDGE RD, BELLINGHAM WA	$ 500
CREATIVE TILE AND MARBLE, 382ND AVE SE, SNOQUALMIE WA	$ 450
DEPENDABLE HEATING & A/C SERVICE, EVERGREEN WAY, EVERETT WA	$ 500
DON NELSEN CONSTRUCTION, DAVIES RD, LAKE STEVENS WA	$ 500
FANCY SIGN .COM, PACIFIC HWY S, FEDERAL WAY WA	$ 500
GRIPP, PAUL, S 4TH AVE, EVERETT WA	$ 500
J CAT CONSTRUCTION, LOVES HILL DR, SULTAN WA	$ 500
JOHN F BROWN CONSTRUCTION INC, 202 ST SE, BOTHELL WA	$ 500
KOEPPEN, KENNETH DUBUQUE RD, SNOHOMISH WA	$ 500
LAZANO, JOHN, WAUGH RD, MOUNT VERNON WA	$ 500
LEMKE, HOWARD, DEER PARK LANE, MOUNT VERNON WA	$ 500
MARTEL WELL DRILLING, PO BOX, FRIDAY HARBOR WA	$ 500
NORTHWEST ENERGY SERVICE, 44TH AVE S, MOUNTLAKE TERRACE WA	$ 1,500
RAMSDELL, MICHAEL, PO BOX, FRIDAY HARBOR WA	$ 500
RAMSTEAD, BOOTH, 99TH AVE SE LAKE STEVENS WA	$ 500
SIMONSON, JEFFREY, NE 12TH CT, BELLEVUE WA	$ 500
SMITH, JAMES, HWY 9, MOUNT VERNON WA	$ 500
STOUT, STEVEN, BLUEBERRY LANE, MONROE WA	$ 500
T & T SCHUBERT CONSTRUCTION, PO BOX, GOLD BAR WA	$ 500
TOTAL COMFORT, 147TH ST SE, MONROE WA	$ 500
WEBER, MARK, NE 78TH ST, SEATTLE WA	$ 450
WHITE, BRYCE, BOX 146, GOLD BAR WA	$ 500
Region 2 – King County	
ABDON, FELIX, 47TH AVE E, FIFE WA	$ 500
ALL AROUND HANDYMAN & CLEANING, PO BOX, SEATTLE WA	$ 1,500
ALTA SERVICES INC, 432ND AVE SE, NORTH BEND WA	$ 500
COLUMBIA HEATING, SE 258TH, KENT WA	$ 500
DUANE CAMERON BULLDOZING CO INC, PO BOX, ENUMCLAW WA	$ 500
FEDERAL WAY SIGN, S 341ST PL, FEDERAL WAY WA	$ 500
GOODGUY'S HEATING & COOLING 33RD AVE S, SEATTLE WA	$ 500
HANDYMAN TEAM PRO CORPORATION, 231ST AVE SE, SAMMAMISH WA	$ 500
IRONFIRE DESIGN & FABRICATION, NE 126TH PL, KIRKLAND WA	$ 500
JOHNSON, JOSEPH, 8TH AVE SW, SEATTLE WA	$ 500
LEACH, JOE, MCKEAN CT, ENUMCLAW WA	$ 500
M C CONSTRUCTION, SW 102ND STREET, SEATTLE WA	$ 500
MARSHALL, STEVEN, E 61ST ST, TACOMA WA	$ 500
O'BRIEN HANDYMAN SERVICES, 96TH AVE W, EDMONDS WA	$ 500
PARKER ELECTRIC, SW SPOKANE ST, SEATTLE WA	$ 9,000
PRO APPLIANCE INC, 144TH AVE NE, WOODINVILLE WA	$ 500
SEATTLE'S BEST WINDOWS, INDUSTRY DR, SEATTLE WA	$ 500
SERVICE STEEL CO, PO BOX, KENT WA	$ 500
SHAMROCK LANDSCAPING LLC, 148TH AVE SE, RENTON WA	$ 500
SHIRK, MONTY	$ 500
VAUGHN, ERIC, SE 21ST PL, SAMMAMISH WA	$ 500
Region 3 – Pierce & Kitsap County & Olympic Peninsula	
COURT, THOMAS, 4TH AVE NW, PUYALLUP WA	$ 500
COURTS, LENNY, 19TH AVE E, TACOMA WA	$ 500
ECONOMY SHEET METAL AND HEATING, SR 303 NE, BREMERTON WA	$ 1,000
GALLA CONSTRUCTION INC, MUIRKIRK LN SW, PORT ORCHARD WA	$ 500
GILLARD, MICHAEL, 97TH AVE NW, GIG HARBOR WA	$ 500
LOFALL WELL DRILLING, NW LOFALL RD, POULSBO WA	$ 500
LOVETT, CLYDE, CALHOUN ST, PT TOWNSEND WA	$ 500
M D R CONSTRUCTION, SE AZTEC CT, PORT ORCHARD WA	$ 500
NORTHWEST COMMERCIAL SERVICE, PO BOX, RENTON WA	$ 500
RON HEMLEY SEPTIC INSTS INC, PO BOX, BURLEY WA	$ 1,000
SPENCE, ROBERT, BERTHA, BREMERTON WA	$ 1,500

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Region 4 – Southwest Washington

ADAMS, KEITH, WEST LOCUST AVE, CENTRALIA WA	$	500
AFFORDABLE CONSTRUCTION INC, HILLCREST AVE, .LONGVIEW WA	$	500
ANAPA CONSTRUCTION INC, NE 304TH AVE, WASHOUGAL WA	$	500
ARTICO LITE, SE POWELL BLVD, PORTLAND OR	$	500
BRANDT, WEST LITTLE YORK, HOUSTON TX	$	1000
HOMESTEAD BUILDERS, PO BOX, GRAPEVIEW WA	$	1000
HOPKINS, JAMES, BOX, WINDERMERE BC	$	500
HUSTON, JACK, SE ARCADIA RD, SHELTON WA	$	500
KITCHEN, JAMES, PO BOX, RAINIER WA	$	500
MCGEHEE, CHARLES, NE 143RD AVE, VANCOUVER WA	$	500
MILLENNIUM HVAC INC, NE 135TH ST, VANCOUVER WA	$	500
MURPHY, JOHN MICHAEL, NE 7TH ST, VANCOUVER WA	$	500
NORTHWEST SONY ONLY, NW GLISAN, PORTLAND OR	$	500
PREWIRES UNLIMITED INC, 45 AVE NE, SALEM WA	$	500
RICKY POOLS & SPAS INC, NW 20TH AVE, VANCOUVER WA	$	500
SCHNEIDER HOMES INC, SOUTHCENTER BLVD, TUKWILA WA	$	500
SHEKINAH CONSTRUCTION & HVAC, NE 28TH ST, VANCOUVER WA	$	500
TRADEMARK ELECTRIC LLC, SE WILLOW ST, MILWAUKEE OR	$	500

Region 5 – Central Washington

A 2 Z GENERAL CONTRACTOR, 61ST W, RICHLAND WA	$	500
APEX PLUMBING & MECHANICAL PIPING LLC, WEST PINE ST, YAKIMA WA	$	500
COZY COMFORT, PO BOX, WENATCHEE WA	$	1,000
DRISCOLL, CODY, BEERS RD, PROSSER WA	$	500
EXPEDITOR SYSTEMS, NINE MCFARLAND DR, ALPHARETTA GA	$	500
GOLD MEDAL DEV GROUP, NE VANCOUVER MALL DR., VANCOUVER WA	$	500
HORSE HEAVEN HEATING & COOLING S WILGUS RD, PROSSER WA	$	1,500
INDOOR AIR SOLUTIONS, PO BOX, SELAH WA	$	1,000
NORTHWEST STAGED EVENTS LTD, PO BOX, GLIDE OR	$	500
PALOMAREZ, JULIO, EAST RIDGE DR, YAKIMA WA	$	500
WOLOSIK, DAVID, LAKE TONASKET WA	$	500
WYLIE, MIKE 3RD ST, MESA WA	$	500

Region 6 – Eastern Washington

COZY AIR, PO BOX, NEWMAN LAKE WA	$	3,000
MEDICAL LAKE SAND & GRAVEL, W THORPE RD, MEDICAL LAKE WA	$	500
NORTHERN LIGHTS WINDOWS N' MORE, N MORRISON RD, SPOKANE WA	$	500

Central Office

ACCURATE HEATING & A/C, 22ND SW, SEATTLE WA	$	1,000
ACTION AIRE INC, PO BOX, ABERDEEN WA	$	500
GALLISON, LUKE, PO BOX, MILL CREEK WA	$	500
NEON & ELECTRIC SIGNS LLC, 15TH AVE W, SEATTLE WA	$	500
OLSEN, BRETT, PO BOX, AUBURN WA	$	3,000
REFRIGERATION SERVICES NW LLC, LE-LOU-WA PL NE, TACOMA WA	$	2,000

Violation – Hiring Uncertified Electricians

Region 1 – North Puget Sound

CAP CONSTRUCTION, 6TH AVE SE, EVERETT WA	$	100
DON NELSEN CONSTRUCTION, S DAVIES RD, LAKE STEVENS WA	$	100
E S & A INC, OAK PATCH RD, EUGENE WA	$	250
FANCY SIGN.COM, PACIFIC HWY S, FEDERAL WAY WA	$	100
IN-TECH ELECTRICAL CONTRS INC, 9TH PL SE, LAKE STEVENS WA	$	100
J CAT CONSTRUCTION, LOVES HILL DR, SULTAN WA	$	100
JOHN F BROWN CONSTRUCTION INC, 202ND ST SE, BOTHELL WA	$	250
P O P ELECTRIC INC, PO BOX, BOTHELL WA	$	250

Region 2 – King County

GRIFFIS HEATING INC, E MAIN, AUBURN WA	$	500
MIKE ALLENBACH ELECTRIC, W PROSPECT, SEATTLE WA	$	250
SERVICE STEEL CO, PO BOX, KENT WA	$	500
YOUNG ELECTRIC SIGN CO, E 41ST ST, GARDEN CITY WA	$	1,000

Region 3 – Pierce & Kitsap County & Olympic Peninsula

FEDERAL FIRE SAFETY INC, 36TH AVE W, LYNWOOD WA	$	250
INDOOR COMFORT SYSTEMS INC, VIOLET MEADOW ST S, TACOMA WA	$	250
NORTHWEST COMMERCIAL SERVICE, PO BOX, RENTON WA	$	100
OLYMPIC WIRING INC, PROVOST ROAD NW, SILVERDALE WA	$	100

Region 4 – Southwest Washington

BRANDT, WEST LITTLE YORK, HOUSTON TX	$	500
GODVIN, JOEL, NW 160 CT, BEAVERTON OR	$	200
HOMESTEAD BUILDERS, PO BOX, GRAPEVIEW WA	$	100
OREGON AIRE INC, NE 33RD DRIVE, PORTLAND OR	$	250
SCHNEIDER HOMES INC, SOUTHCENTER BLVD, TUKWILA WA	$	100
SONITROL OF EVERETT, CALIFORNIA AVE, EVERETT WA	$	250

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SUNLIGHT ELECTRIC INC, NE 65TH AVE, VANCOUVER WA	$	500
TUBE ART DISPLAYS INC, OCCIDENTAL AVE S, SEATTLE WA	$	250
WELL DONE ELECTRIC CO, SE ROYER RD, CLACKAMAS OR	$	100
Region 5 – Central Washington		
ALLSTAR ELECTRIC INC, W LINCOLN, YAKIMA WA	$	100
APEX PLUMBING & MECHANICAL PIPING LLC, W PINE ST, YAKIMA WA	$	250
EXPEDITOR SYSTEMS, NINE MCFARLAND DR, ALPHARETTA GA	$	250
L W MCCANDLISH ELECTRIC INC, CENTER RD, WENATCHEE WA	$	100
Central Office		
BRUCE SMITH HEATING & COOLING INC, 44TH AVE W, LYNNWOOD WA	$	600
D L C ELECTRIC INC, PO BOX, LAKEWOOD WA	$	250
ELITE LIGHTING & ELECTRICAL, PO BOX, ARLINGTON WA	$	200
LIGHT DOCTOR LLC, PO BOX, WOODINVILLE WA	$	250
MAJOR ELECTRIC INC, 142ND AVE NE, WOODINVILLE WA	$	200
Violation – Uncertified Electrician		
Region 1 – North Puget Sound		
AHO, WAYNE, PO BOX, GARDEN VALLEY ID	$	250
BEERMAN, PARKRIDGE RD, BELLINGHAM WA	$	250
BRANTNER, JESS, GOLD CK LP RD, CARLTON WA	$	250
BROWN, MIKE, 202 ST SE, BOTHELL WA	$	250
CARRIGAN, MICHAEL, SANBORN AVE, EUGENE OR	$	250
CHILSON, TYSON, NORTH CARPENTER RD, SNOHOMISH WA	$	250
GRIPP, PAUL, S 4TH AVE, EVERETT WA	$	1,750
HAGEMAN, JEFFREY, CHAMPION DR, ARLINGTON WA	$	250
LANCASTER, JEFFREY, 382ND AVE SE, SNOQUALMIE WA	$	200
LANDERS, PAUL, PARADISE LAKE, SNOHOMISH WA	$	100
LAZANO, JOHN, WAUGH RD, MOUNT VERNON WA	$	250
LEMKE, HOWARD, DEER PARK LN, MOUNT VERNON WA	$	250
LEONARD, KORY, 39TH DR NE, ARLINGTON WA	$	250
MARTEL, DANIEL, BAILER HILL RD, FRIDAY HARBOR WA	$	250
MESNEAK, ROBERT, COLLEENS LN SE, MONROE WA	$	250
MICHEL, DAVID, COLLEGE AVE, EVERETT WA	$	250
NELSON, EDWARD PO BOX, BLACK DIAMOND WA	$	250
PRITZKAU, CRAIG, 6TH AVE SE, EVERETT, WA	$	100
RAMSTEAD, BOOTH, 99TH AVE SE, LAKE STEVENS WA	$	250
RODRIGUEZ, GAB, RAVENNA NE UNIT #208, SEATTLE WA	$	250
RUIZ, ANTONIO, 209TH AVE SE, MONROE WA	$	250
SCHUBERT, TIM, PO BOX, GOLD BAR WA	$	250
SIMONSON, JEFFREY, NE 12TH, BELLEVUE WA	$	250
STOUT, STEVEN, BLUEBERRY LANE, MONROE WA	$	250
TALLEY, ALBERT, LOVES HILL RD, SULTAN WA	$	250
TESARIK, JOHN, MEADOW LANE, MOUNT VERNON WA	$	250
WEBER, MARK, NE 78TH ST, SEATTLE WA	$	50
WHITE, BRYCE, BOX, GOLD BAR WA	$	100
Region 2 – King County		
ALEXANDER, LANCE, S WARNER, TACOMA WA	$	500
BOSLEY, DERRICK, SEWARD PARK AVE S, SEATTLE WA	$	250
BRIMER, CHARLES, SOUTH THOMPSON AVE, TACOMA WA	$	250
BROWN, JOSEPH, 11TH AVE SW, BURIEN WA	$	250
CARPENTER, DANIEL, ELM ST, SULTAN WA	$	500
FICKER, RONALD, 230TH AVE SE, MAPLE VALLEY WA	$	250
GONZALES, BOB, 3RD ST, LAFAYETTE OR	$	250
HARRIS, HARRY, 37TH AVE SW, FEDERAL WAY WA	$	100
NEWTON, BRIAN NE 145TH ST, KENMORE WA	$	250
SUTHERLAND, GUY, CRAWFORD RD, LYNNWOOD WA	$	250
TOOMBS, RICHARD, 5TH AVE SW, FEDERAL WAY WA	$	250
WARREN, BRIAN, SW TRILLIUM AVE, BEAVERTON OR	$	250
WILLERT, STEVE, 2ND ST NE, AUBURN WA	$	250
WIRTA, GARY	$	250
WISE, ERIC, SR 92, LAKE STEVENS WA	$	250
WRIGHT, NICK, LOWER DORRE DON WAY SE, MAPLE VALLEY WA	$	250
Region 3 – Pierce & Kitsap County & Olympic Peninsula		
COURT, THOMAS, 4TH AVE NW, PUYALLUP, WA	$	250
COURTS, THOMAS, FOREST RIM CT, PUYALLUP WA	$	500
EARL, NATHAN, SW 16TH PL, FEDERAL WAY WA	$	250
KEITHLEY, CHRIS, ATWOOD PL, SEQUIM WA	$	250
LOVETT, CLYDE, PT TOWNSEND WA	$	250
MARSH, WHITNEY, 438TH ST CT E, EATONVILLE WA	$	250
SCOTT, DANIEL, 136TH AVE E, PUYALLUP WA	$	500
ZINTER, JIMMY, QUINAULT DR NE, BREMERTON WA	$	250

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Region 4 – Southwest Washington

ARVIN, JEFFREY, NE HOOD ST, HILLSBORO, OR	$	250
EDWARDS, DAN, PO BOX, GRAPEVIEW WA	$	250
FOSTER, TIM, SE BLUEBIRD, MILWAUKEE OR	$	250
GODVIN, JOE, NW 160TH CT, BEAVERTON OR	$	250
HOPKINS, JAMES, BOX, WINDERMERE BC	$	250
HUSTON, JACK, SE ARCADIA, SHELTON WA	$	250
JARVIS, KEN, 116TH AVE CT E, PUYALLUP WA	$	250
JINES, STEVEN, N 3 ST, ELMA WA	$	250
JONES, DAVID, S BEAR MEADOW CT, MOLALLA OR	$	250
KITCHEN, JAMES, PO BOX, RAINIER, WA	$	250
NARAYAN, T, NW 87TH ST, VANCOUVER WA	$	250
ORLOVSKIY, VICTOR, NE 34 WAY, VANCOUVER WA	$	500
POBEREZHYY, YURIYVO	$	250
SIROTKIN, KONSTANTIN, NE 304 TH, WASHOUGAL WA	$	250
STEVANUS, SCOTT, S REDDING LANE, MULINO OR	$	250
WILCOX, PAUL, CHERRY ST, KELSO WA	$	250
ZADUBA, ANATOLLY, NE 58 CT, .VANCOUVER WA	$	250

Region 5 – Central Washington

AITKEN, LARRY, PO BOX GLIDE OR	$	250
BROWN, DAVID, SECOND ST, WENATCHEE WA	$	500
HAYMAN, THOMAS, NORTH 13 ST, SELAH WA	$	250
MEHARRY, LAUREN, PANORAMA DR NE, MOSES LAKE WA	$	250
MENDOZA, FRANCISCO, PO BOX, WENATCHEE WA	$	250
NYSTROM, JON, C/O EXPEDITOR SYSTEMS, ALPHARETTA GA	$	250
OHARA, JAMES, MARTIN RD, GRAND COULEE WA	$	250
PALOMAREZ, JULIO, EAST RIDGE DR, YAKIMA WA	$	250
ROBBINS, GREGORY, WESTBROOK LOOP, YAKIMA WA	$	100
WOLOSIK, DAVID, ELL LAKE RD, TONASKET WA	$	250

Region 6 – Eastern Washington

ATHA, RICH, FLAGSTAFF, RATHDRUM ID	$	250
BYUS, CHRIS, PO BOX, SPOKANE WA	$	250
DODD, JAMES, N HAYE ST, NEWMAN LAKE WA	$	500

Central Office

BLAKEY, KEITH, PO BOX, CLINTON WA	$	250
CONRAD, TERRANCE, 196TH ST SE, BOTHELL WA	$	600
CURTIS, TIM, 148TH ST SW, LYNNWOOD WA	$	500
GALLISON, LUKE, PO BOX, MILL CREEK WA	$	250
KUNASCHK, THOMAS, 102ND ST NE, MARYSVILLE WA	$	600
MIRACLE, BENJAMIN, ASH WAY, LYNNWOOD WA	$	250
NISSEN, DEAN, 175TH ST, SEATTLE WA	$	250
OAKES, TERRY, S KING ST, CENTRALIA WA	$	350
ROSS, MARK, 706 S 12TH AVE, YAKIMA WA	$	250
ROWLANDS, TIMOTHY, 15TH AVE SE, BOTHELL WA	$	600

Violation – No Electrical Work Permit

Region 1 – North Puget Sound

AEROSPACE DEFENSE MFG, SMOKEY POINT BLVD, MARYSVILLE WA	$	250
ASSOCIATED HEATING/SHEET METAL INC, PO BOX, MONROE WA	$	2,000
AUTOMATED EQUIPMENT, E MARGINAL WAY S, SEATTLE WA	$	250
BECK, DARRIN, PICNIC POINT RD, EDMONDS WA	$	250
BJARNSON, RICK, VISTA WAY, EDMONDS WA	$	250
BRANTNER, JESS, GOLD CK LP RD, CARLTON WA	$	250
C D C HEATING 10TH PL NE, EVERETT WA	$	250
DEPENDABLE HEATING & A/C SERVICE, EVERGREEN WAY, EVERETT WA	$	250
DON NELSEN CONSTRUCTION, S DAVIES RD, LAKE STEVENS WA	$	250
ETHAN ELECTRIC, AVENUE B, SNOHOMISH WA	$	500
FANCY SIGN .COM, PACIFIC HWY S, FEDERAL WAY WA	$	250
G B SYSTEMS INC, NE 175TH S, KENMORE WA	$	250
GILL, IMNEETPAL, 60TH AVE NE, MARYSVILLE WA	$	250
GOSHORN, EARL 127TH AVE SE, SNOHOMISH WA	$	250
IN-TECH ELECTRICAL CONTRS INC, 9TH PL SE, LAKE STEVENS WA	$	250
JOHN F BROWN CONSTRUCTION INC, 202 ST SE, BOTHELL WA	$	250
MCDOWELL, JOSH, 175TH PL, SE MONROE, WA	$	250
MERIT ELECTRIC, INC, 36TH AVE W, LYNNWOOD WA	$	250
MERIT MECHANICAL INC, 153RD AVE NE, REDMOND WA	$	4,000
MESNEAK, ROBERT, COLLEENS LN SE, MONROE WA	$	250
MEYER, LOUIS, DAYTON AVE N, SHORELINE WA	$	250
MOLLGAARD FLORAL, PO BOX, MILL CREEK WA	$	500
MORGAN MECHANICAL LLC, CASCADIAN WAY, LYNNWOOD WA	$	250
MOUNTAIN VALLEY CHAPEL, LEWIS ST, GOLD BAR WA	$	250

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PARRISH, DEAN, EVERGREEN WAY, EVERETT WA	$	250
PETTERSSON, RAGNAR, 15TH AVE SE MILL CREEK WA	$	250
POINTER ELECTRIC INC, RECTOR RD, BOW WA	$	1,000
POWERCOM, PO BOX, SPOKANE WA	$	1,000
PROTECTION & COMMUNICATIONS INC, 40TH AVE W, LYNNWOOD WA	$	2,000
QUALITY ONE LANDSCAPING & IRRIGATION, 209TH AVE SE, MONROE WA	$	500
RAMSTEAD, BOOTH, 99TH AVE SE, LAKE STEVENS WA	$	250
SCRIBNER ELECTRIC INCORPORATED, PO BOX, WOODINVILLE WA	$	250
SEAHURST ELECTRIC INC, SMITH AVE, EVERETT WA	$	1,000
SMITH, JAMES, HWY 9, MOUNT VERNON WA	$	250
STARRITT, ROBERT, SNOHOMISH AVE SE, SNOHOMISH WA	$	250
SUMMIT HEATING/SHEET METAL INC, 165TH AVE SE, MONROE WA	$	250
SYSTEM SOLUTIONS LLC PO BOX 2700, RENTON WA	$	250
T & T SCHUBERT CONSTRUCTION, PO BOX GOLD, BAR WA	$	250
TRUSSELL, JERRY, 236TH AVE NE, GRANITE FALLS WA	$	500
VANHULLE, CHAD, PINE ST, SULTAN WA	$	250
VECA ELECTRIC CO INC, 7TH AVE S, SEATTLE WA	$	1,000
WESTWOOD EXECUTIVE HOMES LTD, PO BOX, LYNNWOOD WA	$	250
Region 2 – King County		
AAA ELECTRIC, MILWAUKEE AVE. E, PUYALLUP WA	$	250
ABDON, FELIX, 47TH AVE E, FIFE WA	$	250
AIR SUPPLY SYSTEMS INC, PO BOX, BUCKLEY WA	$	250
B B & T SIGN SERVICES, BOTHELL-EVERETT HWY, MILL CREEK WA	$	1,000
COLUMBIA HEATING, SE 258TH, KENT WA	$	250
DELTA ELECTRIC MOTORS, W VALLEY HWY, AUBURN WA	$	250
FEDERAL WAY SIGN, S 341ST PL, FEDERAL WAY WA	$	250
GOODGUY'S HEATING & COOLING, 33RD AVE S, SEATTLE WA	$	250
GREG'S ELECTRICAL SERVICES INC, SE 46TH WAY, ISSAQUAH WA	$	1,000
GRIFFIS HEATING INC, E MAIN, AUBURN WA	$	250
HAN KOOK ELECTRIC, 13TH PL SW, FEDERAL WAY WA	$	250
HUME, GLORIA, CORNELL AVE, SEATTLE WA	$	250
JLE ENTERPRISES9615 NE VANCOUVER WAYPORTLANDOR	$	250
JONES, MARK, SE 210TH ST, RENTON WA	$	250
LORENZEN, DAVID, S 381ST WAY, AUBURN WA	$	250
MARSHALL, STEVEN, E 61ST ST, TACOMA WA	$	250
MCLENDON HARDWARE, FRYAR AVE, SUMNER WA	$	250
NORTH STAR ESPRESSO, SEATAC WA	$	250
OLIVER, BOB, B ST NW, AUBURN WA	$	250
PYRAMID ELECTRIC INC, 107TH PL W, EDMONDS WA	$	1,250
QUALITY POWER INC, PO BOX, SPANAWAY WA	$	250
QWEST CORPORATION, NEWPORT WAY NW, ISSAQUAH WA	$	1,000
RENTON VALLEY ASSOCIATES, E MERCER WAY, MERCER ISLAND WA	$	250
SEATTLE'S BEST WINDOWS, INDUSTRY DR ST E, SEATTLE WA	$	250
SERVICE STEEL CO, PO BOX, KENT WA	$	250
SUMMIT DELI & GAS, SNOQUALMIE PASS WA	$	250
WASHINGTON ENERGY SERVICES CO, THORNDYKE AVE W, SEATTLE WA	$	250
WRIGHT INC, PO BOX, SEATTLE WA	$	250
ZEPHYR COMMUNICATIONS INC, 1ST AVE. S, SEATTLE WA	$	250
Region 3 – Pierce & Kitsap County & Olympic Peninsula		
AHEARN ELECTRIC	$	250
BAKER ELECTRIC, PO BOX, BREMERTON WA	$	1,000
BLAZE ELECTRIC & SERVICE CO, PT FOSDICK DR NW, GIG HARBOR WA	$	500
CONTROL CONTRACTORS INC, POPLAR PL S, SEATTLE WA	$	250
COURTS, LENNY, 19TH AVE E, TACOMA WA	$	250
DELANCY ELECTRIC LLC, HORSTMAN RD SE, PORT ORCHARD WA	$	250
ECONOMY SHEET METAL AND HEATING, SR 303 NE, BREMERTON WA	$	500
FIRE ONE INC, PO BOX, TUKWILA WA	$	250
GALLA CONSTRUCTION INC, MUIRKIRK LN SW, PORT ORCHARD WA	$	250
KIRSCH ELECTRIC, PO BOX, SEQUIM WA	$	1,000
NORTHWEST COMMERCIAL SERVICE, PO BOX, RENTON WA	$	250
PENINSULA SCHOOL DISTRICT, 62ND AVE NW, GIG HARBOR WA	$	250
R C CONCRETE, 138TH AVE. E, PUYALLUP WA	$	250
REC RESIDENTIAL ELECTRIC INC, PO BOX, BLACK DIAMOND WA	$	1,000
RIMROCK ELECTRICAL SERVICE, P O BOX, DES MOINES WA	$	1,000
TOTAL SIGN SERVICE, 224TH ST E, GRAHAM WA	$	1,000
Region 4 – Southwest Washington		
ADVANCED ELECTRIC INC, NE 58 STREET, VANCOUVER WA	$	250
ADVANCED ELECTRIC SIGNS INC, DOWN RIVER RD, WOODLAND WA	$	250
BRANDT, WEST, LITTLE YORK, HOUSTON TX	$	500
CLEARWOOD COMMUNITY ASSOCIATION, CLEAR LAKE BLVD, YELM WA	$	250

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ERIC OLSON ELECTRIC CO.	$	250
GODVIN, JOEL, NW CT, BEAVERTON OR	$	250
HAMILTON, BETH, NE 63RD ST, VANCOUVER WA	$	250
HILDEBRAND, PAMELA, 187TH AVE SW, ROCHESTER WA	$	250
HOMESTEAD BUILDERS, PO BOX, GRAPEVIEW WA	$	500
KIRKWOOD, GALEN, OLD MILITARY RD, TENINO WA	$	250
MAGNOLIA HI FI INC, S 231 STREET, KENT WA	$	1,000
MASTERWIRE ELECTRIC INC, NE 100TH ST, VANCOUVER WA	$	4,000
MILLENNIUM ELECTRIC, NW 9TH CIRCLE, CAMAS WA	$	3,000
MURPHY, JOHN MICHAEL, NE 7TH ST, VANCOUVER WA	$	250
MUZAK LLC, LAKEMONT BLVD, FORT MILL SC	$	2,000
NAYDEN LLC, PO BOX VANCOUVER WA	$	250
PROVASOLI, ROBERT, NEAT RD, YELM WA	$	250
RED'S ELECTRIC CO INC, SE CLINTON, PORTLAND OR	$	250
SUTHERLAND ELECTRIC, NE 184TH ST, BRUSH PRAIRIE WA	$	1,000
WELL DONE ELECTRIC CO, SE ROYER RD, CLACKAMAS OR	$	2,250
Region 5 – Central Washington		
ADVANTAGE HEATING & A/C INC, PO BOX SELAH WA	$	250
AIRE PRO INC, MERIDIAN AVE. E, EDGEWOOD WA	$	2,000
ALL CLIMATE HEATING, A/C & REFRIGERATION, JACKSON DR, GRAND VIEW WA	$	250
ALLSTAR ELECTRIC INC, W LINCOLN, YAKIMA WA	$	250
APEX PLUMBING & MECHANICAL PIPING LLC, W PINE ST, YAKIMA WA	$	250
CHEMATRON ELECTRIC, ADRIAN RD NE, SOAP LAKE WA	$	250
CHINOOK HEATING & AIR INC, S KENT, KENNEWICK WA	$	1,000
CORREA, JESUS, TUMAC DRIVE, YAKIMA WA	$	250
COZY COMFORT, PO BOX, WENATCHEE WA	$	500
DREHER, DICK, SOUTH FIRST,YAKIMA WA	$	250
EDISON ELECTRIC, S 32ND AVE, YAKIMA WA	$	750
EXPEDITOR SYSTEMS, NINE MCFARLAND DRIVE, ALPHARETTA GA	$	250
FARMERS ELECTRIC, E HEMLOCK, OTHELLO WA	$	1,000
GARCIA, ADALBERTO, S 41ST ST, YAKIMA WA	$	250
GENEXT LLC, PO BOX, WENATCHEE WA	$	250
HORSE HEAVEN HEATING & COOLING, S WILGUS RD, PROSSER WA	$	250
INDOOR AIR SOLUTIONS, PO BOX, SELAH WA	$	500
MOON SECURITY SRVS INC, PO DRAWER, PASCO WA	$	250
NORTHWEST STAGED EVENTS LTD, PO BOX, GLIDE OR	$	250
OH, CHRIS, YAKIMA VALLEY HIGHWAY, SUNNYSIDE WA	$	250
REFIGERATION SERVICES LLC, PO BOX, ZILLAH WA	$	250
REMCOE INC, WILLIAMS BLVD, RICHLAND WA	$	250
SONRISE ELECTRIC, PO BOX, PATTERSON WA	$	1,250
TRI-AIR HEATING & A/C INC, CLARK CT WEST, RICHLAND WA	$	1,000
WALSH, MIKE, NE 149TH PL, DUVALL WA	$	250
WAYNES LOCK & KEY, N FIRST ST, SUNNYSIDE WA	$	250
Region 6 – Eastern Washington		
CLARK, MARK, GREGGS RD, NEWPORT WA	$	250
I C C ELECTRIC, CAYUSE COVE LOOP RD E, DAVENPORT WA	$	750
P J'S PLUMBING & HEATING, N ELM STREET, SPOKANE WA	$	250
STREETFIRE ENGINEERING SEC SVC, N HAYE, NEWMAN LAKE WA	$	250
Central Office		
BLAKEY, KEITH, PO BOX, CLINTON WA	$	250
GALLISON, LUKE, PO BOX, MILL CREEK WA	$	250

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