Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
Yes,

We have two licensed electricians on staff. Their primary responsibility is to maintain traffic signals and street lights (though currently the PUD does most of the latter) and they do much of the other electrical work in the city time permitting.

Sincerely,

John Deskins, PE, PTOE
Traffic Engineer
City of Kennewick, Washington
john.deskins@ci.kennewick.wa.us
(509) 585-4400
(509) 585-4451 Fax

---

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

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Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
We contract this type of work to King County. We rely on their policies and procedures regarding necessary licenses.

Laura Philpot, PE  
Public Works Director  
City of Sammamish  
801 – 228th Avenue SE | Sammamish, WA 98075  
lphilpot@ci.sammamish.wa.us  
425-295-0570 (phone)

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.  
Public Works Consultant  
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Seattle, WA 98121-1280  
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jcarpita@mrsc.org  
About MRSC: http://www.mrsc.org/about.aspx  
www.mrsc.org

Please be aware that email communication with Council Members or City staff is a public record and is subject to disclosure upon request.
Spokane County does not require an electrician license.

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

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jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John Carpita

From: Ron Loewen [rloewen@kenmorewa.gov]
Sent: Wednesday, July 27, 2011 10:51 AM
To: John Carpita
Subject: RE: Licensed Electricians

We have no inspectors.

John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
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206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John Carpita

From: Peter Beaudry [Peter.Beaudry@ci.kennewick.wa.us]
Sent: Wednesday, July 27, 2011 10:59 AM
To: John Carpita
Subject: RE: Licensed Electricians

John:
The inspectors are not licensed electricians, nor do we require them to be; however the city crew that works on the traffic signals and street lights are licensed electricians. Especially with new traffic signal installation the city crews and traffic engineer (PE) will assist the city inspector in the inspection.
Peter

Peter Beaudry
Municipal Services Executive Director
City of Kennewick, WA
P: (509) 585-4292
Peter.Beaudry@ci.kennewick.wa.us

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
To: undisclosed-recipients
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
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206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
Douglas County contracts out for this service.

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
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jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org

This email contains privileged and/or confidential information and material. If you have erroneously received this email, please immediately advise the sender and permanently delete your copy from your email system. You are not authorized to use or disseminate this information or material in any manner unless specifically expressed. The information and opinions contained in this email are those of the sender and not those of Douglas County.
We sub it out to WSDOT

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
We do not John,

Gary P. Owen, P.E.
City Engineer
City of Wenatchee
Public Works Department
1350 McKittrick St., PO Box 519
Wenatchee, WA 98807-0519
(509) 888-3204

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

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206-625-1300
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jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John Carpita

From: Neil R. Watts [Nwatts@Rentonwa.gov]
Sent: Wednesday, July 27, 2011 12:09 PM
To: John Carpita
Cc: Gregg A. Zimmerman
Subject: RE: Licensed Electricians

John

The requirements for our Electrical Building Inspectors includes the following: Must have a high school diploma or GED. Must have good oral and written communication skills. Must have and maintain a valid Washington State Driver’s License. Must be a licensed commercial journeyman electrician with Washington State Department of Labor and Industries. Must possess or obtain at least one ICBO certification with the first year in this classification. Our street lights are inspected for electrical code acceptance by our Electrical Building Inspectors, or someone from our traffic maintenance group with equivalent certification. Other non-electrical elements, such as base installation, bolting, pole types, etc. are inspected and accepted by our Construction Inspection group.

Neil Watts, Director
Development Services Division

From: Gregg A. Zimmerman
Sent: Wednesday, July 27, 2011 12:02 PM
To: Neil R. Watts
Subject: FW: Licensed Electricians

Neil, here’s a question from John Carpita that you may be able to answer.

Gregg

Gregg Zimmerman, P.E.
Public Works Administrator
City of Renton
1055 South Grady Way
Renton, WA 98057
Phone: (425) 430-7311
Fax: (425) 430-7241
E-mail: gzimmerman@rentonwa.gov ***Note new e-mail address***

From: John Carpita [mailto:jcarpita@mrs.org]
Sent: Wednesday, July 27, 2011 10:38 AM
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.
No, they must be “qualified persons” per electrical code. We require that they have the appropriate International Municipal Signal Association (IMSA) qualifications. See http://www.imsasafety.org/.

Russ Blount, PE
Public Works Director
City of Fife

From: Dave Zabell
Sent: Wednesday, July 27, 2011 10:53 AM
To: Russell Blount
Subject: FW: Licensed Electricians

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
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206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John Carpita

From: Eddie Low [Eddie.Low@ci.bothell.wa.us]
Sent: Wednesday, July 27, 2011 11:30 AM
To: John Carpita
Subject: Re: Licensed Electricians

No.

In cases where street signals are involved, they are inspected by signal technicians and traffic engineer most familiar with signal designs.

-----Original Message-----
From: John Carpita <jcarpita@mrsc.org>
To: BCC: Eddie Low <Eddie.Low@ci.bothell.wa.us> Eddie Low <> Creation Date: 7/27 10:37 am
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.
John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx www.mrsc.org
NO.

David M. Sypher, P.E.
Public Works Director
203 South Pacific Avenue
Kelso, Washington 98632
Office: (360) 423-6590
Fax: (360) 423-6591
Cell: (360) 957-3358
e-mail: david.sypher@kelso.gov

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
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206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John Carpita

From: Gene Miles [cpp26170@centurytel.net]
Sent: Wednesday, July 27, 2011 10:55 AM
To: John Carpita
Subject: RE: Licensed Electricians

John, this does not apply to us as the PUD or WSDOT does this work in our area...hope this helps...Gene Miles CA Long Beach

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
To: undisclosed-recipients:
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
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Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
Yes. They are required to have the EL01 license.

Jim Bloodgood, P.E.
Traffic Operations Manager
County Traffic Engineer
3000 Rockefeller Avenue 98201
M/S 607
425-388-6419

Steve Dickson

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
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Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
Yes, L&I requires that.

Gary Leaf  
City of Bonney Lake  
(253) 447-3282  
leafg@ci.bonney-lake.wa.us

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.  
Public Works Consultant  
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206-625-1300  
Fax: 206-625-1220  
jcarpita@mrsc.org  
About MRSC: http://www.mrsc.org/about.aspx  
www.mrsc.org
The City of Puyallup does not require our Signal Technician to be a licensed electrician (however, ours currently is) but it is described as a "desirable experience" in the job description.

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
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206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
From: Toby Rickman [trickma@co.pierce.wa.us]
Sent: Wednesday, July 27, 2011 11:52 AM
To: John Carpita
Subject: RE: Licensed Electricians

yes

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
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206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John Carpita

From: Derek Pohle [dpohle@co.grant.wa.us]
Sent: Wednesday, July 27, 2011 11:09 AM
To: John Carpita
Subject: RE: Licensed Electricians

We have only one signal and two flashing beacons. We also have several luminaires. We hire an electrician if the repair or maintenance work involves substantial wiring issues or components that are not plug and play.

Derek Pohle, PE
Director/County Road Engineer
Grant County Public Works
124 Enterprise Str. SE
Ephrata, WA 98823
(509) 754-6082

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John Carpita

From: Capell, Peter [Peter.Capell@clark.wa.gov]
Sent: Wednesday, July 27, 2011 10:53 AM
To: John Carpita
Subject: RE: Licensed Electricians

No

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
To: undisclosed-recipients
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org

This e-mail and related attachments and any response may be subject to public disclosure under state law.
John, The Town of Friday Harbor contracts with the local electricity provider (Orcas Power and Light Coop) to handle our street lights (we pay a per light monthly charge) and thankfully the Town still doesn’t have a stop light or signals! King

-----Original Message-----
From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.
John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
No. We often use the County for this service.

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
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206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
no

Letticia Neal, P.E.
Public Works Director / City Engineer
City of Milton

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
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206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John,  

Monroe inspects, maintains, and occasionally install street lights. The City chooses to employ a licensed electrician to do such work. Wash. State L&I (the authority having jurisdiction over electrical installations in Monroe) does not require a license as long as all work is completed on City property.

Jakeh Roberts  
City of Monroe

Hi Jakeh,

Do we inspect, maintain and/or change street lights? If so, is the person who does this a licensed electrician?

Maggie Inahara, PE | Managing Engineer | City of Monroe | Ph (360) 863-4542 | Fax (360) 794-4007

From: John Carpita [mailto:jcarpita@mrsc.org]  
Sent: Wednesday, July 27, 2011 10:38 AM  
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.  
Public Works Consultant  
Municipal Research and Services Center  
2601 Fourth Avenue, Suite 800  
Seattle, WA 98121-1280  
206-625-1300  
Fax: 206-625-1220  
jcarpita@mrsc.org  
About MRSC: http://www.mrsc.org/about.aspx  
www.mrsc.org
Hi John,

Newcastle contracts those inspection services to King County and we are not aware if they are all licensed electricians. However, our guess is that with the county's concern for liability, we assume they are properly trained to perform the inspections and services.

Sincerely,

Mark Rigos, P.E.
Public Works Director
City of Newcastle
13020 Newcastle Way
Newcastle, WA 98059-3030
(425) 649-4444, ext. 124

---

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
The technician is the City’s electrical inspector. Others that do the work are from the City’s electric utility....Glenn

Glenn A. Cutler, P.E.
Director of Public Works and Utilities
City of Port Angeles
321 East Fifth Street
P.O. Box 1150
Port Angeles, WA 98362-0217

Voice: 360-417-4800
FAX: 360-417-4542
E-mail: gcutter@cityofpa.us

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

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jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
No.

Pete Rogalsky
City of Richland

Sent from my Windows Phone

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx www.mrsc.org
Hi John,

just to follow up on your question to Mike, yes our electrical inspection program for traffic signals and street lighting requires oversight by an ELO1 licensed Electrician.

Thanks,
Greg

GREGORY M. IZZO, P.E.
Manager, Engineering & Design
Seattle Department of Transportation
Capital Projects & Roadway Structures
700 Fifth Avenue, Suite 3900
Seattle, WA 98104-5043

206-233-3925 (w)
206-396-8753 (m)
http://www.seattle.gov

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
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Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John,

We don’t maintain any street lights, but we do have several traffic signals. Our maintenance crews who perform routine maintenance an repair of the controllers and signal heads are certified signal technicians, and we use contract services for any electrical work (replaced/relocated service for example) that requires L&I electrical permit/inspection.

Michael J Michael, PE  
City Engineer  
City of Shelton  
525 W Cota Street  
Shelton, WA 98584  
360-432-5125  
MMichael@ci.shelton.wa.us

>>> John Carpita <jcarpita@mrsc.org> 7/27/2011 10:37:44 AM >>>
Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.  
Public Works Consultant  
Municipal Research and Services Center  
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206-625-1300  
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jcarpita@mrsc.org  
About MRSC: http://www.mrsc.org/about.aspx  
www.mrsc.org
No

Brian K. Carlson, P.E.
Public Works Director
City of Vancouver
PO Box 1995
Vancouver WA 98668-1995

direct line: (360) 487-7131
reception: (360) 487-7130
fax: (360) 487-7139
e-mail: brian.carlson@cityofvancouver.us

From: John Carpita [mailto:jcarpita@mrsc.org]  
Sent: Wednesday, July 27, 2011 10:38 AM  
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
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jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
No.

Paul Hartwig
Public Works Director
City of College Place

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
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About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John Carpita

From: Rick Knostman [rknostma@ci.olympia.wa.us]
Sent: Thursday, July 28, 2011 8:37 AM
To: John Carpita
Cc: Fran Eide
Subject: Licensed Electricians

John,
We do not require our Signal Technicians to be licensed electricians. However, we do require them to obtain an IMSA Traffic Signal Technician Level II certification in order to work on streetlights and traffic signals. These are the staff that perform maintenance on intersections. The City of Olympia Electrical Inspector inspects new streetlight and traffic signal installations. My staff assists with this as there is more than what can be expected of an electrical inspector to know. I don’t know for certain if the Electrical Inspector is a licensed electrician. Let me know if you need more information.

Rick

Rick Knostman
Traffic Operations Supervisor
City of Olympia, Public Works Dept.
PO Box 1967
Olympia, WA 98507-1967
360.753.8438
360.350.9946
112*155*92
www.olympiawa.gov
"Turning vision into practical solutions"
John,

The Public Works signal and streetlight electricians are not licensed, but are State “Certified” Journey Signal Lighting Electricians subsequent to completion of the apprenticeship program. The electricians are also required to obtain IMSA Signal Level 2 Certification.

---

Chris E. Larson
Engineering Division
Phone: 253-591-5538
Fax: 253-593-7745
E-Mail: clarson@cityoftacoma.org

---

Can you answer please?

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Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.
Public Works Consultant
Municipal Research and Services Center
2601 Fourth Avenue, Suite 800
Seattle, WA 98121-1280
206-625-1300
Fax: 206-625-1220
jcarpita@mrsc.org
About MRSC: http://www.mrsc.org/about.aspx
www.mrsc.org
John Carpita

From: Wayne Weidert [weidertw@ci.ellensburg.wa.us]
Sent: Thursday, July 28, 2011 2:21 PM
To: John Carpita
Cc: Richard French; Ryan Lyyski
Subject: Licensed Electricians
Attachments: 1. NECandNESC.xlsx

To:

John W. Carpita, P.E.
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John,

Refer to the attached spreadsheet.

In general, we delineate the jurisdiction of Washington State L & I and our utility at the electrical utility watthour meter. A licensed electrician is required for all installations on the customer side of the meter in WA State L & I jurisdiction, and our utility either inspects or inspects while installing on the electrical utility side of the meter, at the discretion of our electric utility.

In cases where the electrical utility owns the facilities, as per RCW 19.28.010 and section 90.2(b)(5) of the NEC, the City of Ellensburg has jurisdiction on both sides of the electric watthour meter.

Also,

At the City of Ellensburg, we have an electrical utility watthour meter that services traffic signals, but typically all street lighting either bypasses the electric watt hour meter in the traffic signal facility or is served otherwise outside the traffic signal facility without metering. In all cases, the City’s street lighting does not include watthour metering.

- Street Lighting - not metered
- Traffic Signals – most have a watthour meter serving these facilities (approx. half do not)

That said, in general, The City of Ellensburg would answer your question as follows:

Q. - Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?
A. –
   1) Street Lighting – NO
The City of Ellensburg inspects the installation of street lights under its jurisdiction and does not require that the City’s inspection be performed by a licensed electrician.
2) Traffic Signals – NO
The City of Ellensburg contracts with licensed electrical contractors to perform the installation and/or some maintenance of traffic signal. The City of Ellensburg, at its discretion, requires that work be performed by a licensed electrician through competitive bidding process in most cases. As per RCW 19.28.010 and section 90.2(b)(5) of the NEC, the City of Ellensburg has jurisdiction on both sides of the electric watthour meter, including the traffic signal facilities.

The City of Ellensburg, at its discretion, performs some maintenance of its traffic signals with a City service crew, including a licensed electrician.

I hope this answers your question as simply as possible, but feel free to call or reply if you need further clarification on this matter.

Sincerely,

Wayne Weidert, P.E.
Electrical Engineer
City of Ellensburg, Energy Services Dept.
501 North Anderson St.
Ellensburg, Washington 98926
(509)962-7223 p
(509)929-7226 c
(509)925-8662 f

From: Wayne Weidert
Sent: Thursday, July 28, 2011 9:15 AM
To: Ryan Lyyski
Subject: RE: Licensed Electricians

Thanks, I'll cc you my response

Wayne
Wayne, feel free to respond directly to John Carpita from AWC if you desire.

Ryan

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

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From: Dan Grigsby [grigsbyd@ci.bonney-lake.wa.us]  
Sent: Friday, July 29, 2011 3:26 PM  
To: John Carpita  
Subject: RE: Licensed Electricians

We have one city electrician. He is certified to work on our Traffic Signals by WSDOT.

PSE currently maintains all of our street lights.

Thanks,  
DAN

---

John Carpita  
[mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM  
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

Please call or email me if you have any questions or need further information.

John W. Carpita, P.E.  
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John,

We didn’t in Mountlake Terrace (although that may have changed since I left) but the crews were always rumbling about the fact that they shouldn’t be doing that sort of thing because they were not trained or licensed for that kind of work. Here in Mukilteo I have the County take care of our street lights and PUD handles theirs.

Larry

Larry Waters, P.E.
Public Works Director
City of Mukilteo
11930 Cyrus Way
Mukilteo, WA 98275
425-263-8080
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Hi John,

There are two key provisions in the WAC’s and RCW regarding the inspection of signal equipment. The most direct discussion of Signal equipment is in the WAC 296-46B-010 which specifically defines and discusses traffic management systems. The second important provision is in the RCW 19.28.261 which provides exceptions for work by a licensed electrician. I have copied the pertinent WAC and RCW below.

Hope this helps,

Lindy Jenson
Traffic Maintenance Superintendent
MS: RDS-TR-0100
206-205-7121 or 206-296-8153
206-793-8006 Cell 206-296-0175 Fax
lindy.jenson@kingcounty.gov

*Excerpt from WAC 296-46B-010 General.*

Electrical safety standards, administration, and installation specifically call out requirements for Traffic Management Systems.
Traffic management systems.

(15) The department or city authorized to do electrical inspections will perform the electrical inspection and acceptance of traffic management systems within its jurisdiction. A traffic management system includes:

(a) Traffic illumination systems;
(b) Traffic signal systems;
(c) Traffic monitoring systems;
(d) The electrical service cabinet and all related components and equipment installed on the load side of the service cabinet supplying electrical power to the traffic management system; and
(e) Signalization system(s) necessary for the operation of a light rail system.

A traffic management system can provide signalization for controlling vehicular traffic, pedestrian traffic, or rolling stock.

(16) The department or city authorized to do electrical inspections recognizes that traffic signal conductors, pole and bracket cables, signal displays, traffic signal controllers/cabinets and associated components used in traffic management systems are acceptable for the purpose of meeting the requirements of chapter 19.28 RCW provided they conform with the following standards or are listed on the Washington state department of transportation (WSDOT) qualified products list.

(a) WSDOT/APWA standard specifications and plans;
(b) WSDOT Design Manual;
(c) International Municipal Signal Association (IMSA);
(d) National Electrical Manufacturer's Association (NEMA);
(e) Federal Standards 170/Controller Cabinets;
(f) Manual for Uniform Road, Bridge, and Municipal Construction;
(g) Institute of Transportation Engineers (ITE); or

(17) Associated induction detection loop or similar circuits will be accepted by the department or city authorized to do electrical inspections without inspection.

(18) For the licensing requirements of chapter 19.28 RCW, jurisdictions will be considered owners of traffic management systems when doing electrical work for another jurisdiction(s) under a valid interlocal agreement, as permitted by chapter 39.34 RCW. Interlocal agreements for traffic management systems must be filed with the department or city authorized to do electrical inspections prior to work being performed for this provision to apply.

(19) Jurisdictions, with an established electrical inspection authority, and WSDOT may perform electrical inspection on their rights of way for each other by interlocal agreement. They may not perform electrical inspection on other rights of way except as allowed in chapter 19.28 or 39.34 RCW.

Excerpt from RCW 19.28.261 (Exemptions from RCW 19.28.161 through 19.28.271)


(5) The licensing provisions of RCW 19.28.161 through 19.28.271 shall not apply to:

(a) Persons making electrical installations on their own property or to regularly employed employees working on the premises of their employer, unless the electrical work is on the construction of a new building intended for rent, sale, or lease;
Other Interesting information

1982 AG opinion on electrical inspection of Signal equipment


State Electrical Inspector Qualifications


Current Electrical Laws

John Carpita

From: Brandon Carver [BCarver@desmoineswa.gov]
Sent: Tuesday, August 02, 2011 9:51 AM
To: John Carpita
Cc: Larry Pickard; Dan Brewer
Subject: FW: Licensed Electricians

John,

PSE handles repair of street lights and I would assume they are licensed. The City does not repair street lights in house. We do some inspection of new capital improvement type street lights, which Larry should be able to respond to.

WSDOT is contracted to maintain our traffic signals. WSDOT is exempt from requiring signal techs to be licensed, however, all WSDOT electrical inspectors are licensed.

Call me if you have further questions.

R. Brandon Carver, P.E., P.T.O.E.
Associate Transportation Engineer
Transportation and Engineering
City of Des Moines
21650 11th Avenue South
Des Moines, WA 98198
(206)870-6543

From: Grant Fredricks
Sent: Wednesday, July 27, 2011 10:40 AM
To: Larry Pickard; Brandon Carver
Subject: FW: Licensed Electricians

Please coordinate with other and then respond to this MRSC request.

Grant

From: John Carpita [mailto:jcarpita@mrsc.org]
Sent: Wednesday, July 27, 2011 10:38 AM
Subject: Licensed Electricians

Do you require that your agency employees who inspect street light and traffic signal repairs/installation be licensed electricians?

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