

Appendix A
Sample Detailed Inspections
Molloy's Lane and Lethbridge Substations

[illegible]

47620	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F5)	MOL-02	TD5- (Non -Deficiency)	5/11/2010 3:02	5/11/2010 3:02	11/11/2011 3:02	05 Repair
47646	Switches, Cutout - Porcelain at Critical Point	MOL-02(F4)	MOL-02	TD5- (Non -Deficiency)	5/11/2010 3:05	5/11/2010 3:05	11/11/2011 3:05	05 Repair
47618	Switches, Cutout - Porcelain at Critical Point	MOL-02(F5)	MOL-02	TD5- (Non -Deficiency)	5/11/2010 3:02	5/11/2010 3:02	11/11/2011 3:02	05 Repair
47621	Switches, Cutout - Porcelain at Critical Point	MOL-02(F5)	MOL-02	TD5- (Non -Deficiency)	5/11/2010 3:02	5/11/2010 3:02	11/11/2011 3:02	05 Repair
47652	Hardware, Anchors & Guys - UNGROUNDED STRUCTURE	MOL-02(F4)	MOL-02	TD5- (Non -Deficiency)	5/11/2010 3:05	5/11/2010 3:05	11/11/2011 3:05	05 Repair
47647	Hardware, Cross Arms & Braces - Rotten Crossarm	MOL-02(F4)	MOL-02	TD5- (Non -Deficiency)	5/11/2010 3:05	5/11/2010 3:05	11/11/2011 3:05	05 Repair
47641	Hardware, Cross Arms & Braces - Rotten Crossarm	MOL-02(F4)	MOL-02	TD5- (Non -Deficiency)	5/11/2010 3:04	5/11/2010 3:04	11/11/2011 3:04	05 Repair
47648	Conductor, Primary - Quick Sleeve in Critical Location	MOL-02(F4)	MOL-02	TD5- (Non -Deficiency)	5/11/2010 3:05	5/11/2010 3:05	11/11/2011 3:05	05 Repair
47764	Insulators, Porcelain Type - Floating	MOL-02(D3-F11)	MOL-02	TD2 - Med (1 Month)	5/12/2010 3:09	5/12/2010 3:09	6/12/2010 3:09	05 Repair
47728	Conductor, Primary - Clearance to Building/signs	MOL-02(F1)	MOL-02	TD2 - Med (1 Month)	5/12/2010 3:06	5/12/2010 3:06	6/12/2010 3:06	05 Repair
47631	Conductor, Secondary - Broken	MOL-02(F4)	MOL-02	TD2 - Med (1 Month)	5/11/2010 3:03	5/11/2010 3:03	6/11/2010 3:03	05 Repair
47756	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(D3-F11)	MOL-02	TD4 - (Capital)	5/12/2010 3:08	5/12/2010 3:08	11/12/2011 3:08	05 Repair
47757	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(D3-F11)	MOL-02	TD4 - (Capital)	5/12/2010 3:09	5/12/2010 3:09	11/12/2011 3:09	05 Repair
47760	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(D3-F11)	MOL-02	TD4 - (Capital)	5/12/2010 3:09	5/12/2010 3:09	11/12/2011 3:09	05 Repair
47826	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(DL-D3)	MOL-02	TD4 - (Capital)	5/14/2010 3:07	5/14/2010 3:07	11/14/2011 3:07	05 Repair
47823	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(DL-D3)	MOL-02	TD4 - (Capital)	5/14/2010 3:07	5/14/2010 3:07	11/14/2011 3:07	05 Repair
47827	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(DL-D3)	MOL-02	TD4 - (Capital)	5/14/2010 3:07	5/14/2010 3:07	11/14/2011 3:07	05 Repair
47707	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:04	5/12/2010 3:04	11/12/2011 3:04	05 Repair
47716	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:05	5/12/2010 3:05	11/12/2011 3:05	05 Repair
47704	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:04	5/12/2010 3:04	11/12/2011 3:04	05 Repair
47705	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:04	5/12/2010 3:04	11/12/2011 3:04	05 Repair
47733	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:07	5/12/2010 3:07	11/12/2011 3:07	05 Repair
47735	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:07	5/12/2010 3:07	11/12/2011 3:07	05 Repair
47737	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:07	5/12/2010 3:07	11/12/2011 3:07	05 Repair
47744	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:08	5/12/2010 3:08	11/12/2011 3:08	05 Repair
47751	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:08	5/12/2010 3:08	11/12/2011 3:08	05 Repair
47721	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:06	5/12/2010 3:06	11/12/2011 3:06	05 Repair
47725	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:06	5/12/2010 3:06	11/12/2011 3:06	05 Repair
47726	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:06	5/12/2010 3:06	11/12/2011 3:06	05 Repair
47745	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:08	5/12/2010 3:08	11/12/2011 3:08	05 Repair
47736	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F1)	MOL-02	TD4 - (Capital)	5/12/2010 3:07	5/12/2010 3:07	11/12/2011 3:07	05 Repair
47672	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F5)	MOL-02	TD4 - (Capital)	5/12/2010 3:01	5/12/2010 3:01	11/12/2011 3:01	05 Repair

47864	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F8)	MOL-02 TD5- (Non -Deficiency)	5/14/2010 3:10	5/14/2010 3:10	11/14/2011 3:10 05 Repair
47866	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F8)	MOL-02 TD5- (Non -Deficiency)	5/14/2010 3:10	5/14/2010 3:10	11/14/2011 3:10 05 Repair
47742	Switches, Cutout - Porcelain at Critical Point	MOL-02(F1)	MOL-02 TD5- (Non -Deficiency)	5/12/2010 3:08	5/12/2010 3:08	11/12/2011 3:08 05 Repair
47668	Switches, Cutout - Porcelain at Critical Point	MOL-02(F5)	MOL-02 TD5- (Non -Deficiency)	5/12/2010 3:01	5/12/2010 3:01	11/12/2011 3:01 05 Repair
47812	Switches, Cutout - Porcelain at Critical Point	MOL-02(F6)	MOL-02 TD5- (Non -Deficiency)	5/14/2010 3:06	5/14/2010 3:06	11/14/2011 3:06 05 Repair
47664	Insulators, Porcelain Type - Cracked/Broken	MOL-02(F5)	MOL-02 TD4 - (Capital)	5/12/2010 3:01	5/12/2010 3:01	11/12/2011 3:01 05 Repair
47871	Padmount, Exterior - Snow Marker Missing	MOL-02- 38 JAMES PLAC - 9447152	MOL-02 TD4 - (Capital)	5/14/2010 3:11	5/14/2010 3:11	11/14/2011 3:11 05 Repair
47872	Padmount, Exterior - Snow Marker Missing	MOL-02- R - 9 JAMES PLAC2562791 - 14497	MOL-02 TD4 - (Capital)	5/14/2010 3:12	5/14/2010 3:12	11/14/2011 3:12 05 Repair
47766	Hardware, Cross Arms & Braces - Rotten Crossarm	MOL-02(D3-F11)	MOL-02 TD5- (Non -Deficiency)	5/12/2010 3:09	5/12/2010 3:09	11/12/2011 3:09 05 Repair
47715	Hardware, Cross Arms & Braces - Rotten Crossarm	MOL-02(F1)	MOL-02 TD5- (Non -Deficiency)	5/12/2010 3:05	5/12/2010 3:05	11/12/2011 3:05 05 Repair
47722	Hardware, Cross Arms & Braces - Rotten Crossarm	MOL-02(F1)	MOL-02 TD5- (Non -Deficiency)	5/12/2010 3:06	5/12/2010 3:06	11/12/2011 3:06 05 Repair
47729	Hardware, Cross Arms & Braces - Rotten Crossarm	MOL-02(F1)	MOL-02 TD5- (Non -Deficiency)	5/12/2010 3:06	5/12/2010 3:06	11/12/2011 3:06 05 Repair
47746	Hardware, Cross Arms & Braces - Rotten Crossarm	MOL-02(F1)	MOL-02 TD5- (Non -Deficiency)	5/12/2010 3:08	5/12/2010 3:08	11/12/2011 3:08 05 Repair
47758	Hardware, Cross Arms & Braces - Rotten Crossarm	MOL-02(D3-F11)	MOL-02 TD4 - (Capital)	5/12/2010 3:09	5/12/2010 3:09	11/12/2011 3:09 05 Repair
47824	Hardware, Cross Arms & Braces - Rotten Crossarm	MOL-02(DL-D3)	MOL-02 TD2 - Med (1 Month)	5/14/2010 3:07	5/14/2010 3:07	6/14/2010 3:07 05 Repair
47873	Padmount, Exterior - Paint Required	MOL-02-BLACKMARSH-RD-APT-225-22964	MOL-02 TD3 - Low (6 Mths)	5/14/2010 3:12	5/14/2010 3:12	11/14/2010 3:12 05 Repair
47876	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F10)	MOL-02 TD4 - (Capital)	5/18/2010 3:00	5/18/2010 3:00	11/18/2011 3:00 05 Repair
47883	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F11)	MOL-02 TD4 - (Capital)	5/18/2010 3:01	5/18/2010 3:01	11/18/2011 3:01 22 PCB Test
47881	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F11)	MOL-02 TD4 - (Capital)	5/18/2010 3:01	5/18/2010 3:01	11/18/2011 3:01 22 PCB Test
47884	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F12)	MOL-02 TD4 - (Capital)	5/18/2010 3:01	5/18/2010 3:01	11/18/2011 3:01 22 PCB Test
47889	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F12)	MOL-02 TD4 - (Capital)	5/18/2010 3:02	5/18/2010 3:02	11/18/2011 3:02 22 PCB Test
47892	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F13)	MOL-02 TD4 - (Capital)	5/18/2010 3:02	5/18/2010 3:02	11/18/2011 3:02 22 PCB Test
47897	Primary Devices, Pole Mounted Transformers - PCB Label Missing	MOL-02(F14)	MOL-02 TD4 - (Capital)	5/18/2010 3:03	5/18/2010 3:03	11/18/2011 3:03 22 PCB Test
47877	Switches, Cutout - Porcelain at Critical Point	MOL-02(F10)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:00	5/18/2010 3:00	11/18/2011 3:00 05 Repair
47888	Switches, Cutout - Porcelain at Critical Point	MOL-02(F12)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:02	5/18/2010 3:02	11/18/2011 3:02 05 Repair
47894	Switches, Cutout - Porcelain at Critical Point	MOL-02(F13)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:02	5/18/2010 3:02	11/18/2011 3:02 05 Repair
47896	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F14)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:03	5/18/2010 3:03	11/18/2011 3:03 05 Repair
47891	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F13)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:02	5/18/2010 3:02	11/18/2011 3:02 05 Repair
47893	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F13)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:02	5/18/2010 3:02	11/18/2011 3:02 05 Repair
47890	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F12)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:02	5/18/2010 3:02	11/18/2011 3:02 05 Repair
47886	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F12)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:01	5/18/2010 3:01	11/18/2011 3:01 05 Repair
47878	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F10)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:01	5/18/2010 3:01	11/18/2011 3:01 05 Repair
47885	Insulators, Porcelain Type - 8080 Critical Location	MOL-02(F12)	MOL-02 TD5- (Non -Deficiency)	5/18/2010 3:01	5/18/2010 3:01	11/18/2011 3:01 05 Repair
47879	Conductor, Secondary - Broken	MOL-02(F11)	MOL-02 TD2 - Med (1 Month)	5/18/2010 3:01	5/18/2010 3:01	6/18/2010 3:01 05 Repair
47887	Conductor, Primary - Tie Wires or Clamps	MOL-02(F12)	MOL-02 TD2 - Med (1 Month)	5/18/2010 3:02	5/18/2010 3:02	6/18/2010 3:02 05 Repair

Work Request	Title	Entity Name	Feeder	Priority	Requested On	Start no earlier than	Finish no later than	Work Type
47974	Hardware, Anchors & Guys - Ungrounded	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:03			05 Repair
47972	Conductor, Stirrups/Leads/Primary Connections - Stirrups Missing	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:03			05 Repair
47971	Hardware, Anchors & Guys - Ungrounded	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:03			05 Repair
47970	Hardware, Anchors & Guys - Ungrounded	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:03			05 Repair
47968	Conductor, Stirrups/Leads/Primary Connections - Stirrups Missing	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:03			05 Repair
47965	Conductor, Stirrups/Leads/Primary Connections - Stirrups Missing	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:03			05 Repair
47963	Hardware, Anchors & Guys - Ungrounded	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:02			05 Repair
47962	Hardware, Anchors & Guys - Ungrounded	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:02			05 Repair
47956	Hardware, Anchors & Guys - Ungrounded	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:02			05 Repair
47952	Hardware, Anchors & Guys - Ungrounded	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:01			05 Repair
47948	Hardware, Anchors & Guys - Ungrounded	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:01			05 Repair
47947	Hardware, Anchors & Guys - Ungrounded	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:01			05 Repair
47854	Primary Devices, Lightning Arrestors - Failed	LET-01(F327)	LET-01	TD5- (Non -Deficiency)	5/14/2010 3:10			05 Repair
47679	Hardware, Anchors & Guys - Ungrounded	LET-01(F311)	LET-01	TD5- (Non -Deficiency)	5/12/2010 3:02			05 Repair
47556	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F124)	LET-01	TD4 - (Capital)	5/7/2010 3:03	5/7/2010 3:03	11/7/2011 3:03	05 Repair
47606	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F132)	LET-01	TD4 - (Capital)	5/7/2010 3:07	5/7/2010 3:07	11/7/2011 3:07	05 Repair
47607	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F132)	LET-01	TD4 - (Capital)	5/7/2010 3:07	5/7/2010 3:07	11/7/2011 3:07	05 Repair
47552	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F122)	LET-01	TD4 - (Capital)	5/7/2010 3:02	5/7/2010 3:02	11/7/2011 3:02	05 Repair
47591	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F140-D150)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47594	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F140-D150)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47593	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F140-D150)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47590	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F140-D150)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47592	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F140-D150)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47595	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F140-D150)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47596	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F140-D150)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47585	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F141)	LET-01	TD4 - (Capital)	5/7/2010 3:05	5/7/2010 3:05	11/7/2011 3:05	05 Repair
47589	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F145)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47600	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F153)	LET-01	TD4 - (Capital)	5/7/2010 3:07	5/7/2010 3:07	11/7/2011 3:07	05 Repair
47602	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F154)	LET-01	TD4 - (Capital)	5/7/2010 3:07	5/7/2010 3:07	11/7/2011 3:07	05 Repair
47603	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F154)	LET-01	TD4 - (Capital)	5/7/2010 3:07	5/7/2010 3:07	11/7/2011 3:07	05 Repair
47557	Switches, Cutout - Porcelain at Critical Point	LET-01(F126)	LET-01	TD4 - (Capital)	5/7/2010 3:03	5/7/2010 3:03	11/7/2011 3:03	05 Repair
47558	Switches, Cutout - Porcelain at Critical Point	LET-01(F127)	LET-01	TD4 - (Capital)	5/7/2010 3:03	5/7/2010 3:03	11/7/2011 3:03	05 Repair
47559	Switches, Cutout - Porcelain at Critical Point	LET-01(F128)	LET-01	TD4 - (Capital)	5/7/2010 3:03	5/7/2010 3:03	11/7/2011 3:03	05 Repair
47561	Switches, Cutout - Porcelain at Critical Point	LET-01(F129)	LET-01	TD4 - (Capital)	5/7/2010 3:03	5/7/2010 3:03	11/7/2011 3:03	05 Repair
47605	Switches, Cutout - Porcelain at Critical Point	LET-01(F132)	LET-01	TD4 - (Capital)	5/7/2010 3:07	5/7/2010 3:07	11/7/2011 3:07	05 Repair
47818	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D323-F327)	LET-01	TD4 - (Capital)	5/14/2010 3:06	5/14/2010 3:06	11/14/2011 3:06	05 Repair
47817	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D323-F327)	LET-01	TD4 - (Capital)	5/14/2010 3:06	5/14/2010 3:06	11/14/2011 3:06	05 Repair
47816	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D323-F327)	LET-01	TD4 - (Capital)	5/14/2010 3:06	5/14/2010 3:06	11/14/2011 3:06	05 Repair
47599	Primary Devices, Pole Mounted Transformers - Rusting	LET-01(F152)	LET-01	TD4 - (Capital)	5/7/2010 3:07	5/7/2010 3:07	11/7/2011 3:07	05 Repair
47859	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F155)	LET-01	TD4 - (Capital)	5/14/2010 3:10	5/14/2010 3:10	11/14/2011 3:10	05 Repair
47860	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F155)	LET-01	TD4 - (Capital)	5/14/2010 3:10	5/14/2010 3:10	11/14/2011 3:10	05 Repair
47678	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F311)	LET-01	TD4 - (Capital)	5/12/2010 3:02	5/12/2010 3:02	11/12/2011 3:02	05 Repair
47682	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F312)	LET-01	TD4 - (Capital)	5/12/2010 3:03	5/12/2010 3:03	11/12/2011 3:03	05 Repair
47684	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F313)	LET-01	TD4 - (Capital)	5/12/2010 3:03	5/12/2010 3:03	11/12/2011 3:03	05 Repair
47690	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F315)	LET-01	TD4 - (Capital)	5/12/2010 3:03	5/12/2010 3:03	11/12/2011 3:03	05 Repair
47696	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F317)	LET-01	TD4 - (Capital)	5/12/2010 3:04	5/12/2010 3:04	11/12/2011 3:04	05 Repair
47697	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F319)	LET-01	TD4 - (Capital)	5/12/2010 3:04	5/12/2010 3:04	11/12/2011 3:04	05 Repair
47698	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F319)	LET-01	TD4 - (Capital)	5/12/2010 3:04	5/12/2010 3:04	11/12/2011 3:04	05 Repair
47809	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F322-D323)	LET-01	TD4 - (Capital)	5/14/2010 3:05	5/14/2010 3:05	11/14/2011 3:05	05 Repair
47805	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F322-D323)	LET-01	TD4 - (Capital)	5/14/2010 3:05	5/14/2010 3:05	11/14/2011 3:05	05 Repair
47846	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F324)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47845	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F324)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47856	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F328)	LET-01	TD4 - (Capital)	5/14/2010 3:10	5/14/2010 3:10	11/14/2011 3:10	05 Repair
47795	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47792	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:03	5/14/2010 3:03	11/14/2011 3:03	05 Repair
47791	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:03	5/14/2010 3:03	11/14/2011 3:03	05 Repair
47789	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:03	5/14/2010 3:03	11/14/2011 3:03	05 Repair
47790	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:03	5/14/2010 3:03	11/14/2011 3:03	05 Repair

47778	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F412)	LET-01	TD4 - (Capital)	5/14/2010 3:02	5/14/2010 3:02	11/14/2011 3:02	05 Repair
47779	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F417)	LET-01	TD4 - (Capital)	5/14/2010 3:02	5/14/2010 3:02	11/14/2011 3:02	05 Repair
47780	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F418)	LET-01	TD4 - (Capital)	5/14/2010 3:02	5/14/2010 3:02	11/14/2011 3:02	05 Repair
47831	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47830	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47843	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47838	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47837	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47833	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47841	Primary Devices, Pole Mounted Transformers - Rusting	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47832	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47835	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47840	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47822	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F424)	LET-01	TD4 - (Capital)	5/14/2010 3:07	5/14/2010 3:07	11/14/2011 3:07	05 Repair
47848	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F425)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47849	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F425)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47787	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F321)	LET-01	TD5- (Non -Deficiency)	5/14/2010 3:03	5/14/2010 3:03	11/14/2011 3:03	05 Repair
47807	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F322-D323)	LET-01	TD5- (Non -Deficiency)	5/14/2010 3:05	5/14/2010 3:05	11/14/2011 3:05	05 Repair
47553	Switches, Cutout - Porcelain at Critical Point	LET-01(F122)	LET-01	TD4 - (Capital)	5/7/2010 3:02	5/7/2010 3:02	11/7/2011 3:02	05 Repair
47549	Switches, Cutout - Porcelain at Critical Point	LET-01(F133)	LET-01	TD4 - (Capital)	5/7/2010 3:02	5/7/2010 3:02	11/7/2011 3:02	05 Repair
47586	Switches, Cutout - Porcelain at Critical Point	LET-01(F141)	LET-01	TD4 - (Capital)	5/7/2010 3:05	5/7/2010 3:05	11/7/2011 3:05	05 Repair
47587	Switches, Cutout - Porcelain at Critical Point	LET-01(F144)	LET-01	TD4 - (Capital)	5/7/2010 3:05	5/7/2010 3:05	11/7/2011 3:05	05 Repair
47588	Switches, Cutout - Porcelain at Critical Point	LET-01(F145)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47598	Switches, Cutout - Porcelain at Critical Point	LET-01(F151)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47601	Switches, Cutout - Porcelain at Critical Point	LET-01(F153)	LET-01	TD4 - (Capital)	5/7/2010 3:07	5/7/2010 3:07	11/7/2011 3:07	05 Repair
47786	Switches, Cutout - Porcelain at Critical Point	LET-01(F321)	LET-01	TD4 - (Capital)	5/14/2010 3:03	5/14/2010 3:03	11/14/2011 3:03	05 Repair
47804	Switches, Cutout - Porcelain at Critical Point	LET-01(F322-D323)	LET-01	TD4 - (Capital)	5/14/2010 3:05	5/14/2010 3:05	11/14/2011 3:05	05 Repair
47844	Switches, Cutout - Porcelain at Critical Point	LET-01(F324)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47853	Switches, Cutout - Porcelain at Critical Point	LET-01(F327)	LET-01	TD4 - (Capital)	5/14/2010 3:10	5/14/2010 3:10	11/14/2011 3:10	05 Repair
47797	Switches, Cutout - Porcelain at Critical Point	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47851	Switches, Cutout - Porcelain at Critical Point	LET-01(F416)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47834	Switches, Cutout - Porcelain at Critical Point	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47802	Switches, Cutout - Porcelain at Critical Point	LET-01(F421)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47819	Switches, Cutout - Porcelain at Critical Point	LET-01(F423)	LET-01	TD4 - (Capital)	5/14/2010 3:06	5/14/2010 3:06	11/14/2011 3:06	05 Repair
47801	Switches, Cutout - Porcelain at Critical Point	LET-01(F428)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47857	Switches, Cutout - Porcelain at Critical Point	LET-01(F328)	LET-01	TD5- (Non -Deficiency)	5/14/2010 3:10	5/14/2010 3:10	11/14/2011 3:10	05 Repair
47555	Insulators, Porcelain Type - 8080 Critical Location	LET-01(F123)	LET-01	TD4 - (Capital)	5/7/2010 3:02	5/7/2010 3:02	11/7/2011 3:02	05 Repair
47597	Insulators, Porcelain Type - 8080 Critical Location	LET-01(F151)	LET-01	TD4 - (Capital)	5/7/2010 3:06	5/7/2010 3:06	11/7/2011 3:06	05 Repair
47677	Insulators, Porcelain Type - 8080 Critical Location	LET-01(F311)	LET-01	TD4 - (Capital)	5/12/2010 3:02	5/12/2010 3:02	11/12/2011 3:02	05 Repair
47820	Conductor, Stirrups/Leads/Primary Connections - Stirrups Missing	LET-01(F325)	LET-01	TD5- (Non -Deficiency)	5/14/2010 3:06	5/7/2010 3:02	11/7/2011 3:02	05 Repair
47858	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F155)	LET-01	TD4 - (Capital)	5/14/2010 3:10	5/14/2010 3:10	11/14/2011 3:10	05 Repair
47680	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F312)	LET-01	TD4 - (Capital)	5/12/2010 3:02	5/12/2010 3:02	11/12/2011 3:02	05 Repair
47686	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F314)	LET-01	TD4 - (Capital)	5/12/2010 3:03	5/12/2010 3:03	11/12/2011 3:03	05 Repair
47699	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F319)	LET-01	TD4 - (Capital)	5/12/2010 3:04	5/12/2010 3:04	11/12/2011 3:04	05 Repair
47694	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F317)	LET-01	TD4 - (Capital)	5/12/2010 3:04	5/12/2010 3:04	11/12/2011 3:04	05 Repair
47688	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F314)	LET-01	TD4 - (Capital)	5/12/2010 3:03	5/12/2010 3:03	11/12/2011 3:03	05 Repair
47687	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F314)	LET-01	TD4 - (Capital)	5/12/2010 3:03	5/12/2010 3:03	11/12/2011 3:03	05 Repair
47681	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F312)	LET-01	TD4 - (Capital)	5/12/2010 3:02	5/12/2010 3:02	11/12/2011 3:02	05 Repair
47847	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F430)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47850	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F425)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47821	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F424)	LET-01	TD4 - (Capital)	5/14/2010 3:06	5/14/2010 3:06	11/14/2011 3:06	05 Repair
47839	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47836	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47852	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F416)	LET-01	TD4 - (Capital)	5/14/2010 3:09	5/14/2010 3:09	11/14/2011 3:09	05 Repair
47800	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47799	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47798	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47796	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47794	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair

47793	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47788	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F410-F420)	LET-01	TD4 - (Capital)	5/14/2010 3:03	5/14/2010 3:03	11/14/2011 3:03	05 Repair
47560	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F129)	LET-01	TD4 - (Capital)	5/7/2010 3:03	5/7/2010 3:03	11/7/2011 3:03	05 Repair
47855	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F328)	LET-01	TD4 - (Capital)	5/14/2010 3:10	5/14/2010 3:10	11/14/2011 3:10	05 Repair
47604	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F411)	LET-01	TD4 - (Capital)	5/7/2010 3:07	5/7/2010 3:07	11/7/2011 3:07	05 Repair
47842	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F420-F430)	LET-01	TD4 - (Capital)	5/14/2010 3:08	5/14/2010 3:08	11/14/2011 3:08	05 Repair
47814	Primary Devices, Lightning Arrestors - Grounding Incorrectly/underground	LET-01(D323-F327)	LET-01	TD5- (Non -Deficiency)	5/14/2010 3:06	5/14/2010 3:06	11/14/2011 3:06	05 Repair
47808	Structures, Wood Poles - Woodpecker Holes	LET-01(F322-D323)	LET-01	TD4 - (Capital)	5/14/2010 3:05	5/14/2010 3:05	11/14/2011 3:05	05 Repair
47803	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F421)	LET-01	TD4 - (Capital)	5/14/2010 3:04	5/14/2010 3:04	11/14/2011 3:04	05 Repair
47939	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D150-F170)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	22 PCB Test
47936	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D150-F170)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	22 PCB Test
47940	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D150-F170)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	22 PCB Test
47934	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D150-F170)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	22 PCB Test
47937	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D150-F170)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	22 PCB Test
47985	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D330-F340)	LET-01	TD4 - (Capital)	5/19/2010 3:04	5/19/2010 3:04	11/19/2011 3:04	22 PCB Test
47986	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D330-F340)	LET-01	TD4 - (Capital)	5/19/2010 3:04	5/19/2010 3:04	11/19/2011 3:04	22 PCB Test
47989	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D330-F340)	LET-01	TD4 - (Capital)	5/19/2010 3:04	5/19/2010 3:04	11/19/2011 3:04	22 PCB Test
47992	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D330-F340)	LET-01	TD4 - (Capital)	5/19/2010 3:05	5/19/2010 3:05	11/19/2011 3:05	22 PCB Test
47917	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F158)	LET-01	TD4 - (Capital)	5/18/2010 3:04	5/18/2010 3:04	11/18/2011 3:04	22 PCB Test
47932	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F162)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	22 PCB Test
47942	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F171)	LET-01	TD4 - (Capital)	5/18/2010 3:07	5/18/2010 3:07	11/18/2011 3:07	22 PCB Test
47943	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F171)	LET-01	TD4 - (Capital)	5/18/2010 3:07	5/18/2010 3:07	11/18/2011 3:07	22 PCB Test
47980	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:04	5/19/2010 3:04	11/19/2011 3:04	22 PCB Test
47979	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:04	5/19/2010 3:04	11/19/2011 3:04	22 PCB Test
47978	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:04	5/19/2010 3:04	11/19/2011 3:04	22 PCB Test
47977	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:04	5/19/2010 3:04	11/19/2011 3:04	22 PCB Test
47976	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:03	5/19/2010 3:03	11/19/2011 3:03	22 PCB Test
47975	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:03	5/19/2010 3:03	11/19/2011 3:03	22 PCB Test
47969	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:03	5/19/2010 3:03	11/19/2011 3:03	22 PCB Test
47967	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:03	5/19/2010 3:03	11/19/2011 3:03	22 PCB Test
47966	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:03	5/19/2010 3:03	11/19/2011 3:03	2

47995	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(D330-F340)	LET-01	TD4 - (Capital)	5/19/2010 3:05	5/19/2010 3:05	11/19/2011 3:05	05 Repair
47996	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(D330-F340)	LET-01	TD4 - (Capital)	5/19/2010 3:05	5/19/2010 3:05	11/19/2011 3:05	05 Repair
47994	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(D330-F340)	LET-01	TD4 - (Capital)	5/19/2010 3:05	5/19/2010 3:05	11/19/2011 3:05	05 Repair
47921	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F159)	LET-01	TD4 - (Capital)	5/18/2010 3:05	5/18/2010 3:05	11/18/2011 3:05	05 Repair
47920	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F161)	LET-01	TD4 - (Capital)	5/18/2010 3:04	5/18/2010 3:04	11/18/2011 3:04	05 Repair
47930	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F162)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	05 Repair
47918	Switches, Cutout - Porcelain at Critical Point	LET-01(F158)	LET-01	TD4 - (Capital)	5/18/2010 3:04	5/18/2010 3:04	11/18/2011 3:04	05 Repair
47931	Switches, Cutout - Porcelain at Critical Point	LET-01(F162)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	05 Repair
47933	Switches, Cutout - Porcelain at Critical Point	LET-01(F163)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	05 Repair
47983	Switches, Cutout - Porcelain at Critical Point	LET-01(F336)	LET-01	TD4 - (Capital)	5/19/2010 3:04	5/19/2010 3:04	11/19/2011 3:04	05 Repair
47998	Switches, Cutout - Porcelain at Critical Point	LET-01(F341)	LET-01	TD4 - (Capital)	5/19/2010 3:05	5/19/2010 3:05	11/19/2011 3:05	05 Repair
48000	Switches, Cutout - Porcelain at Critical Point	LET-01(F342)	LET-01	TD4 - (Capital)	5/19/2010 3:05	5/19/2010 3:05	11/19/2011 3:05	05 Repair
48022	Switches, Cutout - Porcelain at Critical Point	LET-01(F343)	LET-01	TD4 - (Capital)	5/19/2010 3:08	5/19/2010 3:08	11/19/2011 3:08	05 Repair
47958	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F310-D330)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:02	5/19/2010 3:02	11/19/2011 3:02	05 Repair
47999	Insulators, Porcelain Type - 8080 Critical Location	LET-01(F341)	LET-01	TD4 - (Capital)	5/19/2010 3:05	5/19/2010 3:05	11/19/2011 3:05	05 Repair
47982	Insulators, Porcelain Type - 8080 Critical Location	LET-01(F336)	LET-01	TD4 - (Capital)	5/19/2010 3:04	5/19/2010 3:04	11/19/2011 3:04	05 Repair
47961	Insulators, Porcelain Type - 8080 Critical Location	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:02	5/19/2010 3:02	11/19/2011 3:02	05 Repair
47919	Insulators, Porcelain Type - 8080 Critical Location	LET-01(F161)	LET-01	TD4 - (Capital)	5/18/2010 3:04	5/18/2010 3:04	11/18/2011 3:04	05 Repair
47941	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F171)	LET-01	TD4 - (Capital)	5/18/2010 3:06	5/18/2010 3:06	11/18/2011 3:06	05 Repair
47959	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:02	5/19/2010 3:02	11/19/2011 3:02	05 Repair
47973	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:03	5/19/2010 3:03	11/19/2011 3:03	05 Repair
47955	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:02	5/19/2010 3:02	11/19/2011 3:02	05 Repair
48006	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F347)	LET-01	TD5- (Non -Deficiency)	5/19/2010 3:06	5/19/2010 3:06	11/19/2011 3:06	05 Repair
48004	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F346)	LET-01	TD4 - (Capital)	5/19/2010 3:06	5/19/2010 3:06	11/19/2011 3:06	05 Repair
48012	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F340-D350)	LET-01	TD4 - (Capital)	5/19/2010 3:07	5/19/2010 3:07	11/19/2011 3:07	05 Repair
47949	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F310-D330)	LET-01	TD4 - (Capital)	5/19/2010 3:01	5/19/2010 3:01	11/19/2011 3:01	05 Repair
48017	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F340-D350)	LET-01	TD4 - (Capital)	5/19/2010 3:07	5/19/2010 3:07	11/19/2011 3:07	05 Repair
48009	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F340-D350)	LET-01	TD4 - (Capital)	5/19/2010 3:06	5/19/2010 3:06	11/19/2011 3:06	05 Repair
48019	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F340-D350)	LET-01	TD4 - (Capital)	5/19/2010 3:07	5/19/2010 3:07	11/19/2011 3:07	05 Repair
48013	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F340-D350)	LET-01	TD4 - (Capital)	5/19/2010 3:07	5/19/2010 3:07	11/19/2011 3:07	05 Repair
48014	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F340-D350)	LET-01	TD4 - (Capital)	5/19/2010 3:07	5/19/2010 3:07	11/19/2011 3:07	05 Repair</

48060	Insulators, Porcelain Type - 8080 Critical Location	LET-01(F173)	LET-01	TD4 - (Capital)	5/20/2010 3:04	5/20/2010 3:04	11/20/2011 3:04	05 Repair
48041	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F353)	LET-01	TD4 - (Capital)	5/20/2010 3:02	5/20/2010 3:02	11/20/2011 3:02	05 Repair
48026	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F140-D150)	LET-01	TD4 - (Capital)	5/20/2010 3:00	5/20/2010 3:00	11/20/2011 3:00	05 Repair
48050	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F170)	LET-01	TD4 - (Capital)	5/20/2010 3:03	5/20/2010 3:03	11/20/2011 3:03	05 Repair
48061	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F173)	LET-01	TD4 - (Capital)	5/20/2010 3:04	5/20/2010 3:04	11/20/2011 3:04	05 Repair
48057	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F176)	LET-01	TD4 - (Capital)	5/20/2010 3:04	5/20/2010 3:04	11/20/2011 3:04	05 Repair
48033	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F353)	LET-01	TD4 - (Capital)	5/20/2010 3:01	5/20/2010 3:01	11/20/2011 3:01	05 Repair
48040	Conductor, Primary - Quick Sleeve in Critical Location	LET-01(F353)	LET-01	TD4 - (Capital)	5/20/2010 3:02	5/20/2010 3:02	11/20/2011 3:02	05 Repair
48045	Insulators, Porcelain Type - COB	LET-01(F170)	LET-01	TD4 - (Capital)	5/20/2010 3:03	5/20/2010 3:03	11/20/2011 3:03	05 Repair
48051	Insulators, Porcelain Type - COB	LET-01(F170)	LET-01	TD4 - (Capital)	5/20/2010 3:03	5/20/2010 3:03	11/20/2011 3:03	05 Repair
48081	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D350-F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	22 PCB Test
48079	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D350-F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	22 PCB Test
48080	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D350-F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	22 PCB Test
48075	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F354)	LET-01	TD4 - (Capital)	5/21/2010 3:02	5/21/2010 3:02	11/21/2011 3:02	22 PCB Test
48078	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F355)	LET-01	TD4 - (Capital)	5/21/2010 3:02	5/21/2010 3:02	11/21/2011 3:02	22 PCB Test
48084	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	22 PCB Test
48087	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	22 PCB Test
48092	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:04	5/21/2010 3:04	11/21/2011 3:04	22 PCB Test
48093	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:04	5/21/2010 3:04	11/21/2011 3:04	22 PCB Test
48088	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	22 PCB Test
48085	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	22 PCB Test
48082	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D350-F360)	LET-01	TD5 - (Non -Deficiency)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	22 PCB Test
48076	Switches, Cutout - Porcelain at Critical Point	LET-01(F354)	LET-01	TD4 - (Capital)	5/21/2010 3:02	5/21/2010 3:02	11/21/2011 3:02	05 Repair
48077	Switches, Cutout - Porcelain at Critical Point	LET-01(F355)	LET-01	TD4 - (Capital)	5/21/2010 3:02	5/21/2010 3:02	11/21/2011 3:02	05 Repair
48086	Switches, Cutout - Porcelain at Critical Point	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	05 Repair
48090	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	05 Repair
48091	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	05 Repair
48089	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	05 Repair
48083	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F360)	LET-01	TD4 - (Capital)	5/21/2010 3:03	5/21/2010 3:03	11/21/2011 3:03	05 Repair
48010	Conductor, Secondary - Tie Wires or Clamps	LET-01(F340-D350)	LET-01	TD2 - Med (1 Month)	5/19/2010 3:06	5/19/2010 3:06	6/19/2010 3:06	05 Repair
48114	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F522)	LET-01	TD4 - (Capital)	5/28/2010 3:01	5/28/2010 3:01	11/28/2011 3:01	22 PCB Test
48117	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F521)	LET-01	TD4 - (Capital)	5/28/2010 3:01	5/28/2010 3:01	11/28/2011 3:01	22 PCB Test
48122	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F513)	LET-01	TD4 - (Capital)	5/28/2010 3:02	5/28/2010 3:02	11/28/2011 3:02	22 PCB Test
48120	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(D520-F530)	LET-01	TD4 - (Capital)	5/28/2010 3:01	5/28/2010 3:01	11/28/2011 3:01	22 PCB Test
48115	Switches, Cutout - Porcelain at Critical Point	LET-01(F522)	LET-01	TD4 - (Capital)	5/28/2010 3:01	5/28/2010 3:01	11/28/2011 3:01	05 Repair
48124	Switches, Cutout - Porcelain at Critical Point	LET-01(F513)	LET-01	TD4 - (Capital)	5/28/2010 3:02	5/28/2010 3:02	11/28/2011 3:02	05 Repair
48119	Switches, Cutout - Porcelain at Critical Point	LET-01(D520-F530)	LET-01	TD4 - (Capital)	5/28/2010 3:01	5/28/2010 3:01	11/28/2011 3:01	05 Repair
48125	Switches, Cutout - Porcelain at Critical Point	LET-01 LET-01(Charlottetown Step Up)	LET-01	TD4 - (Capital)	5/28/2010 3:02	5/28/2010 3:02	11/28/2011 3:02	05 Repair
48118	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F521)	LET-01	TD4 - (Capital)	5/28/2010 3:01	5/28/2010 3:01	11/28/2011 3:01	05 Repair
48116	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F521)	LET-01	TD4 - (Capital)	5/28/2010 3:01	5/28/2010 3:01	11/28/2011 3:01	05 Repair
48121	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F513)	LET-01	TD4 - (Capital)	5/28/2010 3:02	5/28/2010 3:02	11/28/2011 3:02	05 Repair
48123	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F513)	LET-01	TD4 - (Capital)	5/28/2010 3:02	5/28/2010 3:02	11/28/2011 3:02	05 Repair
48196	Switches, Cutout - Porcelain at Critical Point	LET-01(F326)	LET-01	TD4 - (Capital)	6/4/2010 3:03	6/4/2010 3:03	12/4/2011 3:03	05 Repair
48172	Switches, Cutout - Porcelain at Critical Point	LET-01(F332)	LET-01	TD4 - (Capital)	6/4/2010 3:00	6/4/2010 3:00	12/4/2011 3:00	05 Repair
48174	Switches, Cutout - Porcelain at Critical Point	LET-01(F333)	LET-01	TD4 - (Capital)	6/4/2010 3:01	6/4/2010 3:01	12/4/2011 3:01	05 Repair
48190	Switches, Cutout - Porcelain at Critical Point	LET-01(F334)	LET-01	TD4 - (Capital)	6/4/2010 3:03	6/4/2010 3:03	12/4/2011 3:03	05 Repair
48195	Primary Devices, Pole Mounted Transformers - Rusting	LET-01(F326)	LET-01	TD4 - (Capital)	6/4/2010 3:03	6/4/2010 3:03	12/4/2011 3:03	05 Repair
48184	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:02	6/4/2010 3:02	12/4/2011 3:02	05 Repair
48180	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:02	6/4/2010 3:02	12/4/2011 3:02	22 PCB Test
48178	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:01	6/4/2010 3:01	12/4/2011 3:01	22 PCB Test
48183	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:02	6/4/2010 3:02	12/4/2011 3:02	22 PCB Test
48187	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:02	6/4/2010 3:02	12/4/2011 3:02	22 PCB Test
48181	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:02	6/4/2010 3:02	12/4/2011 3:02	22 PCB Test
48182	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:02	6/4/2010 3:02	12/4/2011 3:02	22 PCB Test
48177	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:01	6/4/2010 3:01	12/4/2011 3:01	22 PCB Test
48185	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:02	6/4/2010 3:02	12/4/2011 3:02	22 PCB Test
48173	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F333)	LET-01	TD4 - (Capital)	6/4/2010 3:01	6/4/2010 3:01	12/4/2011 3:01	22 PCB Test
48191	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F334)	LET-01	TD4 - (Capital)	6/4/2010 3:03	6/4/2010 3:03	12/4/2011 3:03	22 PCB Test
48193	Primary Devices, Pole Mounted Transformers - PCB Label Missing	LET-01(F335)	LET-01	TD4 - (Capital)	6/4/2010 3:03	6/4/2010 3:03	12/4/2011 3:03	22 PCB Test

48186	Insulators, Porcelain Type - 8080 Critical Location	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:02	6/4/2010 3:02	12/4/2011 3:02 05 Repair
48194	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F326)	LET-01	TD4 - (Capital)	6/4/2010 3:03	6/4/2010 3:03	12/4/2011 3:03 05 Repair
48179	Insulators, Porcelain Type - 2-pc Critical Location	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:01	6/4/2010 3:01	12/4/2011 3:01 05 Repair
48176	Insulators, Porcelain Type - 2-pc Critical Location	LET-01(F331-F338)	LET-01	TD4 - (Capital)	6/4/2010 3:01	6/4/2010 3:01	12/4/2011 3:01 05 Repair
48175	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F333)	LET-01	TD4 - (Capital)	6/4/2010 3:01	6/4/2010 3:01	12/4/2011 3:01 05 Repair
48189	Insulators, Porcelain Type - 2-pc Critical Location	LET-01(F334)	LET-01	TD4 - (Capital)	6/4/2010 3:03	6/4/2010 3:03	12/4/2011 3:03 05 Repair
48188	Insulators, Porcelain Type - 2-pc Critical Location	LET-01(F334)	LET-01	TD4 - (Capital)	6/4/2010 3:03	6/4/2010 3:03	12/4/2011 3:03 05 Repair
48192	Insulators, Porcelain Type - 2 Piece Insulator	LET-01(F335)	LET-01	TD4 - (Capital)	6/4/2010 3:03	6/4/2010 3:03	12/4/2011 3:03 05 Repair

Appendix C
Details of the Inspection Standards

Distribution Inspection Standards

DISTRIBUTION INSPECTION AND MAINTENANCE PROCEDURES

DRAFT

Date Issued: 2001 03 26
Date Revised: 2010 01 25

Created By: R. Guzzwell
Revised By: M. R. Murphy
Approved By:

Table Of Contents

<i>Table Of Contents</i>	<i>i</i>
<i>Policy Statement</i>	<i>1</i>
<i>Public & Employee Safety</i>	<i>1</i>
<i>Inspection Type and Frequency</i>	<i>1</i>
<i>Inspector Qualifications</i>	<i>2</i>
<i>Distribution Asset Management System</i>	<i>2</i>
<i>Distribution Line Inspections (7 Year Cycle)</i>	<i>2</i>
<i>Distribution Vegetation Management Inspections (3.5 Year Cycle)</i>	<i>3</i>
<i>Padmount Transformer Inspections (Annual)</i>	<i>3</i>
<i>Distribution Line Component Inspection Guidelines</i>	<i>4</i>
Structures.....	4
Hardware	5
Insulators	5
Conductor	6
Primary Devices.....	7
Switches.....	8
Vegetation and Right of Way.....	9
<i>Distribution Padmount Transformer Inspection Guidelines</i>	<i>10</i>
Exterior	10
Hardware	10
Nameplate	10
Bushings	10
Connections	10
Lightning Arrestors.....	11
<i>Additional Planning Details</i>	<i>11</i>
Outage Requirements	11
Site Considerations.....	12
<i>On Site Repairs</i>	<i>12</i>
<i>Maintenance Classifications</i>	<i>13</i>

Distribution Inspection Standards

DISTRIBUTION INSPECTION AND MAINTENANCE PROCEDURES

Policy Statement

Scheduled inspection and maintenance procedures shall be undertaken on all distribution lines. The inspection and repair process is intended to ensure safe and reliable operation. Regional Managers are ultimately responsible to ensure that distribution line inspection and maintenance activities are completed in accordance with this policy in their respective regions.

Public & Employee Safety

Public and employee safety is of paramount importance at Newfoundland Power. The Company owns and operates in excess of 8,600 km of distribution line in both rural and urban environments. Distribution line corridors may be used as trail-ways for snowmobile operators, ATV operators, skiers, hikers and others and are also regularly used by employees to carry out maintenance activities. Distribution lines and distribution rights-of-ways must be inspected and maintained in a manner that assures the safety of the public.

Regular inspections of distribution lines and timely repair of identified deficiencies will minimize risk to the public and employees. Those conducting distribution line inspections have the responsibility to inspect lines thoroughly with a keen focus on identifying potential public and employee safety hazards. Regional Managers, Superintendents of Operations and Maintenance Supervisors have the shared responsibility to ensure that inspections are completed and any identified deficiencies and hazards are corrected in accordance with this policy.

Inspection Type and Frequency

All overhead primary distribution lines are required to have a minimum of one detailed ground inspection every seven years. However, Superintendents of Area Operations have the discretion to have more frequent inspections done if time and manpower allow.

Distribution Vegetation Management requires that distribution lines are inspected every three and a half years for brush clearing and tree trimming. These inspections will be completed as part of the distribution line inspection every seven years, and as a drive-by inspection once in between.

Pad mount transformers are to be inspected annually. These inspections should be completed at the same time as the detailed ground inspection or vegetation inspection if they are required during the same year.

Inspector Qualifications

To inspect Newfoundland Power distribution lines, an inspector must have the following minimum qualifications:

- Minimum 3 years of experience in the electrical utility industry in the operations or engineering area.
- Familiarity with the operation, maintenance and construction of utility lines.
- Familiarity with the use and operation of ATV's and snowmobiles.
- Basic understanding of the electrical and mechanical nature of utility lines.

Distribution Asset Management System

All distribution line preventative maintenance and inspections as well as deficiency identification and corrective maintenance activities shall be recorded in the Company's computerized maintenance management system known as DIST Avantis, which uses the the Avantis asset management software package from Invensys.

The Information Systems and Regional Operations groups are responsible for administering DIST and for training users. Maintenance Supervisors, Schedulers, Planners, General Forepersons, Superintendents, and others within the Regional Operations group may have access to this system.

In addition to the software package, there are a number of business processes that detail the responsibilities and handoffs for each step in the asset management system. They can be found [on Webster](#) under the Regional Operations department in the Asset Management folder.

Distribution Line Inspections (7 Year Cycle)

Guidelines for detailed ground inspections of distribution lines and the associated record-keeping procedures are as follows:

- Personnel performing inspections shall use the necessary equipment to assist in the evaluation of distribution line components. For example, a hand held computer, binoculars, plumb bob, hammer, core sampler, screwdriver, crescent wrench, digital camera may be needed.
- Inspection personnel shall assign a Maintenance Priority for each deficiency identified. This priority shall establish when corrective action is required (more information on assigning priority is given in Appendix A - Deficiency Reference Tables).
- Reasonable judgment is required in determining if something should be recorded as a deficiency. Each structure must be analyzed from the perspectives of Public Safety,

Employee Safety, Reliability and Environment to determine if action is warranted. For example;

- It is not the intent to bring all existing plant up to the current construction standards. Simply because a structure is not built to the latest construction standard does not mean it is deficient.
- It is not the intent to record every minor deficiency even if it does warrant a repair. For example, if the inspector determines that a minor chip in a pole does not undermine the strength of the pole and poses no danger to public or employee safety, reliability or environment, then it should not be entered into the maintenance system as a deficiency.

Distribution Vegetation Management Inspections (7 Year Cycle)

A distribution line shall have a vegetation inspection completed twice every seven years. This inspection shall be completed as part of the distribution line ground inspection every seven years, and as a drive by inspection once in between. The inspection should be documented on Hand Held Devices.

A vegetation deficiency can be one of two types. (1) A brush clearing deficiency which requires the entire width of the right of way to be cleared. A single brush clearing deficiency may cover an area several kilometers long. (2) A tree trimming deficiency in which a single tree or several trees at the same location are contacting or are in danger of contacting the line and will need to be trimmed. Each tree or small group of trees at the same location is considered a single deficiency.

To assign a priority to the vegetation deficiency, the inspector must take into consideration the details of the vegetation growth, as well as the following:

- Public and employee safety
- The criticality of the line (radial or loop, number and type of customers, load, etc.)
- The physical location of the line (populated or remote area, near existing roadways or cross-country, etc.)
- The anticipated growth rate (depending on the type of vegetation)

Padmount Transformer Inspections (Annual)

Padmount transformers shall be inspected at least once per year and maintenance to the transformer completed in a timely manner. The inspection should be documented on Hand Held Devices.

This is a visual inspection only.

Personal Protective Equipment is to be worn at all times. Rubber gloves are to be used whenever opening the doors on any pad mount transformer.

Distribution Line Component Inspection Guidelines

Distribution line inspections require evaluation of the following components. For each component there are guidelines to follow during inspections. These guidelines do not cover all possible deficiencies that may exist on each component, and reasonable judgement must be used by the Planner in identifying and prioritizing deficiencies.

Structures

Wood Poles:

During each distribution line inspection, all wood poles require a detailed visual inspection. Depending on the results of the visual inspection a sounding test may be performed. If the visual inspection and/or the sounding test indicate a problem, a core-sampling test may be performed to aid in the evaluation of the pole.

- Inspect and determine condition of pole at ground line and above for rotting, deterioration, splitting, cracks, breaks, burns, woodpecker holes, insect infestation and plumbness.
- Ensure pole is properly backfilled and not undermined.
- Where applicable, inspect condition of crib timber. Ensure crib is properly rock filled.
- Check structure for plumbness or any degree of misalignment.
- Check for structure number tags.
- Ensure that pole grounds are installed on all poles with transformers on them. Ensure that it is rigidly supported, it has not been cut and a ground guard is present and secured

Steel Towers:

- Inspect tower for damaged or missing members. Check member connections for loose or missing nuts and bolts. Check members for buckling.
- Inspect tower for corrosion. Check tower for plumb and any degree of misalignment. Check for structure number tags.
- Inspect backfill conditions around tower footings and legs. Check footing for deterioration. Check vegetation.
- Check tower for missing or damaged Danger Signs. Ensure that signs are clearly visible. Check condition of anti-climbing barriers. Anti-climbing barriers and warning signs should be installed on all steel towers. It is a significant public safety issue for barriers or signs to be missing and the deficiency should be classified as a TD1.
- Inspect foundation for surface cracks or splitting. Check that reinforcing is not exposed
- Inspect anchor bolts for cracks, rusting or missing anchor nuts

Hardware

Cross Arms and Braces:

- Inspect crossarms for rot, splits, cracks and twisting that may cause the conductor to fall to the ground. Also, inspect for burn marks.
- Check that cross arms or braces aren't loose, broken or hanging.

Platforms:

- Check that platform brace isn't loose, broken or hanging.
- Check that platform deck isn't failing or sagging.

Anchors and Guys:

- Inspect guys and pre-formed grips for wear, breaks, slackness and corrosion.
- Ensure guy guards are secure and installed on every guy wire. A missing guy guard near a snowmobile or ATV trail is a significant public safety issue and should be classified as high priority.
- Inspect anchor rod and backfill conditions. Check for anchor rod damage. Ensure anchor is not undermined or pulling. Ensure that anchor eye is above ground level.
- Check that all guys are either insulated or effectively grounded to neutral/ground wire.
- Any anchor rods with no guy attached should be identified as a high priority work order if the guy is required or cut off by the planner on-site if the guy is not required.

Insulators

Polymer Type:

- Inspect for broken, split, misaligned, flashed or defective insulators
- Check non dead-end insulators for uplift
- Check that stand off brackets aren't twisted, delaminated or broken

Porcelain Type:

- Inspect for broken, cracked, chipped, misaligned, flashed or defective insulators.
- Check non dead-end insulators for uplift.
- Check that stand off brackets aren't twisted, delaminated or broken
- 2-piece and 8080 insulators should be identified for removal. If they are on a section of trunk feeder, if they are supplying a critical load, if they are damaged or if there is any other reason to climb or otherwise work the pole above ground level then this should be prioritized as TD4. Undamaged insulators should be prioritized as TD5.

Conductor

Primary:

- Check for excessive sag that could result in phases slapping together causing phase-to-phase faults. Also check for too much tension that could result to vibration induced problems such as broken ties, insulators, or conductor breaks.
- Inspect conductors for safe clearances from buildings, roads, ground, and other power/communication lines. Public safety is a significant consideration.
- Inspect conductor for broken or frayed strands, burn marks, foreign objects.
- Inspect splices for abnormal condition. Pay particular attention to automatic splices, which should be identified as a deficiency if they are damaged, or in a critical location (e.g. road crossings, double circuits, etc.).
- Inspect dead-end assemblies for any abnormal condition.
- Where required, inspect for damaged or missing conductor warning markers.
- Check that tie wires or clamps are not loose or broken.

Neutral:

- Check for excessive sag or too much tension that could result to vibration induced problems such as broken ties, insulators, or conductor breaks.
- Inspect for safe clearances from buildings, roads, ground, and other power/communication lines. Public safety is a significant consideration.
- Inspect conductor for broken or frayed strands, burn marks, foreign objects.
- Inspect splices for abnormal condition. Pay particular attention to automatic splices, which should be identified as a deficiency if they are damaged, or in a critical location (e.g. road crossings, double circuits, etc.).
- Inspect dead-end assemblies for any abnormal condition.
- Where required, inspect for damaged or missing conductor warning markers.
- Check that tie wires or clamps are not loose or broken.

Stirrups/Leads/Primary Connections:

- Check hardware for any visible deficiency that may result in conductor falling to the ground.
- Check for broken or corroded conductor near connections
- Check leads for excessive length
- Visually inspect conductor around hot line clamps for corrosion and broken strands

Underground Cables/Conduit/Guards:

- Inspect cable and pothead for damage.
- Check for bad connections.
- Ensure guards are present and secured.

Primary Devices**Pole Mounted Transformers:**

- Inspect transformers for rust and leaks. Transformers that are leaking or are rusted to the point that a leak appears imminent must be replaced immediately. Transformers that are rusted but in the opinion of the inspector will not leak before the next regular maintenance are a TD4. Transformers that show some or no rust will be re-inspected on the next regular cycle of distribution inspections.
- Ensure that all transformers have PCB identification tags installed (Yellow, Green or White). Particularly, transformers in Protected Public Water Supply Areas contain a green or white PCB identification tag. If no tag is installed then the transformer oil must be tested. Ensure to note transformer number, civic address, and addresses of customers fed off of transformers to be PCB tested.
- Check for cracked or broken bushings.
- Check for proper tank ground. Each tank is to have a minimum of two independent paths to ground. This is a significant employee safety issue.
- Check that secondary leads aren't rubbing against bottom rim of tank.
- Check for blown fuses.
- Check that animal/bird guards are properly installed and aren't broken or hanging off.

Metering Tanks:

- Inspect tanks for rust and leaks.
- Check for cracked or broken bushings.
- Check for proper tank ground. This is a significant employee safety issue.
- Check that secondary leads aren't rubbing against bottom rim of tank.

Lightning Arrestors:

- Check that Lightning Arrestors (LA) are installed. LA's should be installed on distribution transformers if there is any other reason to climb or otherwise work the pole above ground level. In addition LA's should be installed on all underground dip poles, and on all equipment such as down line reclosers, regulators, and sectionalizers.

- Inspect for broken, cracked, chipped, misaligned, flashed or defective insulators.
- Checked that lightning arrestor has not failed.

Capacitors:

- Inspect tanks for rust and leaks.
- Check for cracked or broken bushings.
- Check for proper tank ground. This is a significant employee safety issue.
- Check for blown fuses

Switches

Cutouts:

- Ensure disconnects are correctly labeled.
- Check that Current Limiting Fuses (CLF) are installed as required. In brief where fault levels are greater than 10,000 Amps a CLF is required on all cutouts; where the fault levels are greater than 5,000 Amps and less than 10,000 Amps a current limiting fuse is required on cutouts protecting distribution transformers; where fault levels are greater than 3,000 Amps but less than 5,000 Amps a CLF is required on cutouts protecting distribution transformers that are located in proximity to areas where the public is known to gather (e.g. near bus stops, near play ground equipment, etc.).
- Porcelain cutouts in critical areas should be replaced (e.g. feeder tie points). They should also be replaced if the cutout is damaged or if there is any other reason to climb or otherwise work the pole above ground level. All other porcelain cutouts excluding those on transformer installations should be noted as priority TD5.

In-Line Switches:

- Ensure disconnects are correctly labeled
- Ensure blades are in fully open or closed position.
- Check insulators for deterioration or damage.

Gang Operated Switches:

- Ensure disconnects are correctly labeled
- Check switch for signs of tampering. Check locks and locking mechanism are intact and secure. Gang-operated switches in areas readily accessible to the public are required to be double-locked. Inspect switch handle, pipe, etc. for damage and proper alignment. Inspect all ground connections for tightness, corrosion and damage.
- Check that the switch blades are in the fully open or the fully closed position as per its normal configuration.

- Inspect Insulators for damage.
- Ensure ground mat has not been disturbed. Check for missing or damaged danger signs. Ensure that signs are clearly visible.

Vegetation and Right of Way

To assign a priority to the vegetation deficiency, the inspector must take into consideration the details of the vegetation growth, as well as the following

- Public and employee safety
- The criticality of the line (radial or loop, number and type of customers, load, etc.)
- The physical location of the line (populated or remote area, near existing roadways or cross-country, etc.)
- The anticipated growth rate (depending on the type of vegetation)

Brush Clearing:

- Check condition of vegetation growth along right-of-way.
- When recording a brush clearing vegetation deficiency, be sure to record information on the type of brush to be cleared (deciduous or coniferous), the density of brush to be cleared (Light, Medium, Heavy), the average height of the brush, and the start and end points of the section on line requiring brush clearing.
- Check for danger trees that may contact the conductor or trees close to the line that can be easily climbed. Public safety, in particular that of children or teenagers climbing trees is a concern. Remember that a persons weight on a weak branch could cause it to deflect enough to contact the line.

Tree Trimming:

Public Safety and Reliability are important factors in determining the priority of the danger tree deficiency. When recording a danger tree deficiency, it is important to make the following considerations:

- Whether the tree is in close proximity to the energized high-voltage conductors such that it may make contact. Consider that a branch may swing or bend into the line due to the weight of a climber, wind or buildup of snow or ice.
- Whether the tree is easily accessed from the ground and climbable.
- Whether individuals who are possibly interested in climbing the tree frequently visit the site that the tree occupies.

Encroachments:

- Check for encroachments by foreign structures, unauthorized excavation or fill areas, etc. These should be identified as a deficiency if the Planner judges them to be a public safety hazard.

Distribution Padmount Transformer Inspection Guidelines

Distribution padmount transformer inspections require evaluation of the following components. For each component there are guidelines to follow during inspections. These guidelines do not cover all possible deficiencies that may exist on each component.

Exterior

- Ensure the company number is present and consistent with the Avantis hierarchy
- Check for deficiencies in the door and locking mechanism.
- If there is no danger sticker present, install one.
- Check for signs of oil leaks and severe rusting. Less severe rusting that will not lead to failure within the next year should not be noted as a deficiency.
- Check for proper placement of the padmount transformer on the pad.
- Ensure a snow marker is installed on the unit.
- Check for a PCB label. If the label is missing but the PCB content can be found from the nameplate or a test sticker on the interior, apply the appropriate label.
- Check for problems with the foundation, fences or posts and remove any debris from inside. Note any vegetation control required.

Hardware

- Replace any missing bolts and broken locks.
- Check for test caps on the load break elbows.
- Ensure fault indicator is present and reset.

Nameplate

- Verify inclusion and completeness of nameplate information in the handheld.

Bushings

- Ensure the primary and secondary bushings are not damaged.

Connections

- Check condition of all primary and secondary connections. Make note of any visible damage or bonding requirements.

Lightning Arrestors

- Check for lightning arrestors on the primary dip pole.

When it is determined that a padmount transformer is to be changed out, there are a number of additional steps that the planner should follow. It must be determined whether the padmount transformer in question is to be refurbished or scrapped. This will help to streamline our process by sending transformers not meeting the guidelines for refurbishment directly to the scrapyards. Instructions for how to deal with the transformer coming out of service should be included in the Work Order that is planned for the changeout.

Padmount transformers being removed from service should normally be handed over directly to the waste disposal contractor for scrapping. Typically any transformer manufactured prior to 1980, requiring painting or testing should be scrapped. Units should be shipped to the Electrical Maintenance Centre only if manufactured since 1980 and in good condition (for refurbishment and return to Stores for use)

Transformers manufactured prior to 1980 should only be shipped to the EMC if

- Leaking
- PCB status uncertain
- Involved in an insurance claim

It should also be noted on the work orders that padmounts being scrapped directly from the field should have their nameplates removed and the company number of the padmount written on the back of the nameplate. Nameplates should then be shipped to the EMC.

Also, any units being shipped to the EMC should be tagged with removal details including who removed the padmount from service, where it was previously installed, removal date and reasons why the unit was removed from service.

Additional Planning Details

When recording a deficiency, it is important to collect as much information as possible to assist in planning a repair.

Outage Requirements

- No Outage
- Single Transformer Outage
- Feeder Tap Outage
- Full Feeder Outage
- Multiple Feeder Outage
- Joint Use

Site Considerations

- Environmental
- Near School or Hospital
- High Traffic Area
- Within 15m of PPWSA
- Truck Accessible
- Number and Type of Customers Affected

On Site Repairs

All deficiencies shall be recorded in the Distribution Asset Management System with the exception of minor repairs that can be completed on site. These minor repairs may be completed by the inspector during a distribution line inspection, or by a line crew completing planned repairs.

The following repairs may be completed on site during a distribution line inspection. The inspector shall carry the required materials to complete the repair.

- Replace or reattach a missing guy guard.
- Tighten a loose pre-form connection.
- Replace or reattach a missing ground cover.
- Add staples to an unsecured ground wire or ground cover.
- Replace or reattach a sign or equipment label.

The following repairs may be completed on site during a padmount transformer inspection. The inspector shall carry the required materials to complete the repair.

- Replace missing or broken bolts and locks.
- Install or reset fault indicators as required.
- Install danger stickers.
- Install PCB label if PCB information is available but label is missing.

A line crew that identifies a deficiency while completing a separate job shall report the deficiency to their supervisor. This deficiency will be entered into the Distribution Asset Management System and planned repairs will be completed. However, it is acceptable that minor repairs be completed on site if they can be completed safely and in short time. A rule of thumb to use is if the repair is simple and can be completed in less than 20-30 minutes, it shall be completed on site and not recorded as a deficiency.

Maintenance Classifications

All defects identified through the inspection process are given one of six classifications based on the nature of the abnormal condition. Unless otherwise stated or directed, the response times shall be as follows:

PRIORITY	RESPONSE TIME
Emergency	Immediate
TD1	1 Week
TD2	1 Month
TD3	6 Months
TD4	Capital
TD5	Non-deficient: Repair as part of capital rebuild project if resources allow

The responsibility for scheduling maintenance rests with the designated Area/Regional Superintendent. Defects defined as Emergency shall be reviewed within 24 hours of identification for the purpose of initiating repairs immediately. This review may require a second field visit by designated operating personnel. **The person conducting the inspection shall communicate defects considered to be Emergency to the Area/Regional Superintendent of Operations or the responsible Line Operations Supervisor as soon as possible.**

Appendix A- Deficiency Reference Tables

Wood Poles						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Damaged	Broken	Serious Horizontal Cracks				
Pole Rot		Rotted to Imminent Failure			Rotted - Failed Core Test	
Woodpecker Holes					Severe Woodpecker Holes	
Unauthorized Attachments						Unauthorized Attachments
Off Vertical	Severe Lean - Failure Imminent				Lean >20° Unloaded or >15° Loaded	
Pole Crib	Major Frame Damage - No Longer Supporting Pole				Frame Damaged - Rocks Becoming Loose	
Pole Ground	Grounds Cut or Broken Near Ground Level Repaired by Planner During Inspection				Grounds Cut or Broken Above Ground Level	Ground Cover Missing Staples Missing Ground Rod Exposed No Pole Ground Installed
Backfilling	Large Hole – Public Safety Hazard		Pole Not Supported			

Cross Arms and Braces						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Cross Arm Damaged	Broken - Floating Phase Severely Crooked - Failure Imminent	Broken	Cracked		Severe Rot	Mossy Slightly Crooked
Brace Bent, Missing or Hanging					Missing or Hanging	Brace Bent

Platforms						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Brace Damaged			Brace Loose Severely Bent			Slightly Bent
Deck Damaged	Imminent Failure		Deck Sagging Broken Beam			

Anchors and Guys						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Guard Missing	Replaced by Planner During Inspection					
Preform Rusting			C or E Structure		All Others	
Loose Guy					Loose Guy	
Preform Unravelling			C or E Structure		All Others	
Broken Guy	C or E Structure or Public Safety		All Others			
Broken Rod or Fitting	C or E Structure or Public Safety		All Others			
Backfilling	Large Hole – Public Safety Hazard		Pole Not Supported		Pole Support Uncompromised	
Ungrounded / Uninsulated	Pole has damaged insulators or damaged porcelain cutout		Rock anchor, undamaged 2-piece or 8080 insulators or porcelain cutout			All other ungrounded or uninsulated guys

Polymer Type Insulators						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Split/Broken	Broken	Polymer Split/Rod Exposed				Minor or Moderate Splits, Skirts Missing
Floating	Floating					
Stand-Off Bracket	Broken					Slightly Bent Minor Corrosion

Porcelain Type Insulators						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Cracked/Broken	Broken	Insulator Severely Cracked				Minor or Moderate Chips or Cracks, Skirts Missing
Floating	Floating					
Stand-Off Bracket	Broken					Slightly Bent Minor Corrosion
2 Piece / 8080 Insulators		Damaged			Undamaged on trunk or supplying critical load	Undamaged, not on main trunk or supplying critical load

Primary Conductor						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Sag	Public Safety Hazard		Could Cause Slapping			
Clearances to Buildings/Signs	Exceeds CSA Standards				Above Dwelling Within CSA Standards	
Broken Strands	>1/4 Strands Broken		<1/4 Strands Broken Pencilling		1 - 2 Strands Broken Temporary Repairs	
Floating	Floating					
Tie Wires or Clamps	Broken		Loose or Unravelling			
Warning Markers				Missing		Loose or Hanging
Quick Sleeves					At road crossings, sensitive locations or on trunk feeder	All others

Neutral						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Sag	Public Safety Hazard		Could Cause Slapping			
Clearances to Buildings/Signs	Exceeds CSA Standards				Above Dwelling Within CSA Standards	
Broken Strands	>1/4 Strands Broken		<1/4 Strands Broken Pencilling		1 - 2 Strands Broken Temporary Repairs	
Floating	Floating					
Warning Markers				Missing		Loose or Hanging
Quick Sleeves					At road crossings, sensitive locations or on trunk feeder	All others

Stirrups/Leads/Primary Connections						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Stirrups Missing						Stirrups Missing
Lead Length Excessive					Could Cause Slapping	Will Not Cause Slapping
Broken Strands		>1/4 Strands Broken on Main Trunk	<1/4 Strands Broken on Main Trunk	>1/4 Strands Broken – Not Main Trunk	<1/4 Strands Broken – Not Main Trunk Temporary Repairs	
Pencilling on Solid Leads		Pencilling				

Underground Cables/Conduit/Guards						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Guard Loose			Guard Hanging Off			Guard Loose
Guard Missing		High Traffic Pedestrian Area		Low Traffic Area		
Cable Damaged	Cable Severely Damaged/Broken			Jacket Damaged		
Pothead Damaged				Excessive Pitch Leaking		Minor Pitch Leaking
Cracked/Broken Bushing	Broken	Insulator Severely Cracked				Minor or Moderate Chips or Cracks, Skirts Missing

Pole Mounted Transformers						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Tank Ground	Ungrounded	Only 1 Ground				
PCB Label					Missing	
Cracked/Broken Bushing		Bushing Completely Broken				Minor or Moderate Chips or Cracks, Skirts Missing
Leaking/Weeping	Leaking or Weeping					
Rusting	Rust Causing Leaking or Weeping				Severe Rust	
Blown Fuse	Blown Fuse					

Metering Tank						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Tank Ground	Ungrounded					
PCB Label Applied					Missing	
Cracked/Broken Bushing		Bushing Completely Broken				Minor or Moderate Chips or Cracks, Skirts Missing
Leaking/Weeping	Leaking or Weeping					
Rusting	Rust Causing Leaking or Weeping				Severe Rust	

Lightning Arrestors						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Floating	Floating					
Grounded Incorrectly/Ungrounded					Grounded Incorrectly/Ungrounded	
Insulator Damage	Broken	Severe Splits or Cracks				Minor or Moderate Splits or Cracks, Skirts Missing
Failed	Failed. No Power to Customer			Failed. Power Still On.		

Capacitors						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Tank Ground	Ungrounded					
Leaking/Weeping	Leaking or Weeping					
Blown Fuse	Blown Fuse					
Insulator Damage	Broken	Severe Splits or Cracks			Minor or Moderate Splits or Cracks, Skirts Missing	
Rusting	Rust Causing Leaking or Weeping				Severe Rust	

Padmount Transformers						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Snow Marker			Missing			
Rusting	Rust causing leaking or weeping		Severe rust; leak imminent in less than 1 year – replacement required			Surface rust – painting required
PCB Label					Missing	
Defective door	Broken off unit		Broken hinge			
Defective lock/missing bolts						Should be replaced on site
Xfmr moved off pad			Moved			
Incorrect Co. Number			Wrong in Avantis/Loop drawing			
Vegetation				Vegetation management required		
Primary/Secondary bushings		Broken				
Test cap on load break elbows			Missing			
Ground Strap						Broken/Missing
Connections/Terminations	Completely broken		Damaged			

Cutout						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Switch Damaged	Switch Damaged					
Insulator Damage	Broken	Severe Splits or Cracks				Minor or Moderate Splits or Cracks, Skirts Missing
Porcelain					At tie point	All others excluding transformer cutouts
Label Missing			Label Missing			

In-Line Switches						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Insulator Damage	Broken	Severe Splits or Cracks				Minor or Moderate Splits or Cracks, Skirts Missing
Label Missing			Label Missing			

Gang Operated Switches						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Grounding	Switch Ungrounded No Ground Mat					
Insulator Damage	Broken	Severe Splits or Cracks				Minor or Moderate Splits or Cracks, Skirts Missing
Label Missing			Label Missing			

Vegetation and Right-of-Way						
DEFICIENCY	EMERGENCY	TD1	TD2	TD3	TD4	TD5
Tree Trimming	Touching Conductor or Showing Signs of Burning			Within 2ft of Primary Conductor		
Brush Clearing	Touching Conductor or Showing Signs of Burning			Within 2ft of Primary Conductor	Above Neutral but Greater than 2ft from Primary Conductor	
Encroachments						Encroachments