



ELECTRICAL POST DAMAGE EVALUATION REPORT

Version 2021-02-26

Site Address _____

Building Occupancy Type (i.e. Dwelling, Business, etc.) _____

Post Damage Report Number _____

Electrical Permit Information

Electrical Contractor State Registration #: _____

Master Electrician Name _____

Va. State Master #: _____

Date of Inspection _____

Time of Inspection _____

THE FOLLOWING ELECTRICAL EQUIPMENT WAS INSPECTED PER NEMA GUIDELINES FOR DAMAGE DUE TO FIRE, HEAT OR EXPOSURE TO WATER DAMAGE.

Link to NEMA: <https://www.nema.org>

All Boxes Shall be identified as N/A or Mark as Checked for damage or exposure N/A

- ALL Devices; Receptacles, switches, Smoke Alarms, Sensors, ETC.
 - Devices Replaced "yes/no"
- ALL Luminaire's, Paddle Fans, Exhaust Fans, ETC.
 - Luminaires, Fans, etc. Replaced "yes/no"
- ALL circuits and feeders exposed to Fire, Heat and/or water damage
 - Circuits or feeders Replaced "yes/no"
- Service Equipment/Panel exposed to damage
 - Service Equipment replaced "yes/no"
- Feeder Panel(s) and Overcurrent Device (s)
 - Panels and/or overcurrent devices replaced "yes/no"
- Electrical Equipment; Heaters, Motors, pumps, etc.
 - Electrical equipment replaced "yes/no"
- Post Damaged Report Provided
 - Post Damaged Report Reviewed "yes/no"

Boxes above identified for exposure and identified as "NO" for replacement shall require a detailed report for testing and method use to verify electrical equipment has not been altered from its original Listing. Reference pages #2 and #3 attached for additional requirements and guidance. This Document will be scanned and attached Electronically to the Electrical Permit.



The Virginia Maintenance Code provides requirements on damaged electrical equipment;

604.3.1.1 Electrical equipment. Electrical distribution equipment, motor circuits, power equipment, transformers, wire, cable, flexible cords, wiring devices, ground fault circuit interrupters, surge protectors, molded case circuit breakers, low-voltage fuses, luminaires, ballasts, motors, and electronic control, signaling and communication equipment that have been exposed to water shall be replaced in accordance with the provisions of the International Building Code.

Exception: The following equipment shall be allowed to be repaired where an inspection report from the equipment manufacturer or approved manufacturer's representative, approved third-party Inspector, or an electrical engineer indicates that the equipment has not sustained damage that requires replacement:

1. Enclosed switches, rated a maximum of 600 volts or less;
2. Busway, rated a maximum of 600 volts;
3. Panelboards, rated a maximum of 600 volts;
4. Switchboards, rated a maximum of 600 volts;
5. Fire pump controllers, rated a maximum of 600 volts;
6. Manual and magnetic motor controllers;
7. Motor control centers;
8. Alternating current high-voltage circuit breakers;
9. Low-voltage power circuit breakers;
10. Protective relays, meters and current transformers;
11. Low- and medium-voltage switchgear;
12. Liquid-filled transformers;
13. Cast-resin transformers;
14. Wire or cable that is suitable for wet locations and whose ends have not been exposed to water;
15. Wire or cable, not containing fillers, that is suitable for wet locations and whose ends have not been exposed to water;
16. Luminaires that are listed as submersible;
17. Motors;
18. Electronic control, signaling and communication equipment.

Additional Guidance for evaluating water damaged or fire damaged electrical equipment/systems can be found in the NEMA publication for Evaluating Water-Damaged Electrical Equipment, the NEMA Guidelines for Handling Water-Damaged Equipment and the ANSI/NEMA Standard PB 1.1-2013 General for Proper Installation, Operation, and maintenance of Panelboards Rated 600 Volts or Less.



Additional Guidance for evaluating water damaged or fire damaged electrical equipment/systems can also be found in the 2019 NFPA 70B Recommended Practice for Electrical Equipment Maintenance in Chapter 32. This evaluation should be performed as four separate Priority category's and a three-step evaluation process for the entire electrical system for damage, repair, or replacement, visit web site at www.nfpa.org/70B . If you have additional questions or concerns, please contact Prince William Electrical Plans Review Staff for assistance (703) 792-4040.

In-regards to the testing procedures that were performed I certify all equipment not included in the Electrical permit for replacement or reconditioned was not damaged.

I have attached a complete report for documentation for all electrical equipment requiring replacement or reconditioning due to damage from water or fire and an Electrical permit application for Inspection approvals.

These Document(s) Shall be provided to Plan Review staff prior to issuance of Electrical Permit

Signature of Approving Third Party/Engineer performing inspection:

Date: _____

By checking this box, I agree to electronically signing this form.