

ELECTRICAL INSPECTION BULLETIN	Bulletin no.	2-7-0
	Effective date:	June 1st, 2020
Electrical Safety Following Fire or Water Damage	Page	1 of 1

Due to a fire or the methods used to mitigate the fire damage, the integrity of your electrical systems and the safety of your devices may have been compromised. To prevent a fire and/or other electrical hazards, the following shall be carried out:

- 1) All effected circuits and equipment must be isolated and/or disconnected by a licensed electrician or supply authority. In cases where the hazards may not be isolated, the power must be removed from the property. Once all necessary repairs are complete the power may be reinstated using an Emergency Repair Tag/Permanent Wiring Permit.
- 2) Replace any light switches, thermostats, receptacles, light fixtures, electric heaters, ceiling fans, alarm system components, compromised cables etc. that were exposed to fire, smoke, or water damage.
- 3) Replace/repair all appliances, sump pump, washer, dryer, dehumidifier, vacuum, tools, and exercise equipment. There are many switches, motors, and transformers that will be corroded.
- 4) Replace all breakers, fuses, fuse holders, disconnect switches and panels if the equipment was exposed to smoke or water. Corrosion as well as electrolysis has and will occur.
- 5) Replace all boxes that hold devices such as thermostats, switches, receptacles, lights.
- 6) Replace all wire nuts at all wire connections. The conductor splices are to be taken apart, cleaned and rejoined.

Do not energize any electrical equipment if fire, smoke or water damage is present as the above noted items may work and appear safe once you have moved back into your premises. However, corrosion and electrolysis will have already taken place and failure is imminent. Failure can be in many forms such as equipment failure or fire.

Only licensed electricians working for licensed electrical contractors shall carry out repairs to ensure that your electrical system and equipment are now safe to re-energize.

Please call your local Electrical Inspector at any Department of Public Safety - Technical Inspection Services office for clarification on any items or for an inspection of damage of the electrical system.

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