

Equipment Integrity FAQs

Does Electrical Equipment have to be replaced if it has been under water? Or can it just be dried out?
Replacement is strongly recommended - refer to NEMA Guidelines for handling water-damaged equipment.

<http://www.nema.org/stds/water-damaged.cfm#download>

Electrical equipment exposed to flood water can be extremely dangerous if reenergized without proper reconditioning or replacement. Reductions in dielectric capabilities due to moisture or debris lodged in the equipment, and damage from contamination such as chemicals, sewage, oil and seawater require complete evaluation of the equipment condition.

Can I reuse Current Transformers, Control Power & Potential Transformers, relays and other components?

No. The water will contaminate the devices and can cause a safety hazard. Any attempt to CLEAN, WASH, RESTORE, DRY voids the UL, manufacturers warranty and will compromise the integrity of the over-current device jeopardizing safety. All devices must be replaced. This is a NEMA policy.

Can I dry out and reuse molded case breakers?

No, according to NEMA AB-4 2003, molded case breakers, overload relays, and electronic control devices must be replaced.

Can I dry out electronic trip units on low voltage power circuit breakers?

No. Trip units must be discarded and replaced.

Can I reuse fuses?

No. Fuses must be discarded and replaced

