

# Cleaning Instructions for Restoration of Storm Damaged Electrical Equipment

## 1.) **Mud and Silt Removal**

Remove protective covers or loose attachments and clean separately. Flush equipment with large amounts of clean water to clean up all dirt, mud, silt and sludge on or in the electrical equipment. Rinse again until no slime or contaminants remain. Allow water to drain completely before proceeding to the next step.

## 2.) **Degreasing & Moisture Displacement**

Remove any grease-like soil that was not removed by the water flush. Spray affected electrical equipment thoroughly with Type FD™ Fast Drying Electrical Cleaner/Degreaser or Type HP™ High Power Cleaner/Degreaser. These two cleaners will displace water from small areas. Allow parts to drain and air dry completely. If faster drying is desired, use forced or warm air.

**NOTE:** Although FD™ & HP™ Cleaner/Degreasers are compatible with a large variety of plastics, we recommend testing a small area of any plastic part for cracking, crazing or softening.

## 3.) **Lubrication and Corrosion Protection**

Saturate equipment with generous amounts of P7™ Penetrating Oil. This versatile oil will help

to displace moisture, lubricate moving parts and leave a thin layer to protect against future corrosion. Spray enough P7™ Penetrating Oil so that it runs from the equipment. Allow equipment to drain.

## 4.) **Contact Cleaning**

Spray Type KC™ Contact Cleaner or FD™ Cleaner/Degreaser to clean contacts, switches and coils. Solvent will flush oil and dirt without leaving a residue, and will quickly dry.

## 5.) **Rust Prevention**

Apply CG™ Cold Galvanize Spray on exposed metal housings or exterior surfaces to prevent rust and corrosion.

## 6.) **Electrical Integrity Testing**

When equipment has been thoroughly cleaned, drained, dried and appears ready, take megger readings to insure there is no current loss due to hidden water. Use methods recommended by the manufacturer or the IEEE Recommended Practice for Testing Insulation Resistance of Rotating Machinery, Std 43-1974, to determine that the equipment is suitable for energizing. If electrical equipment is slow to respond, apply more P7™ Penetrating Oil and allow to drain. Test over a period of one to three days.

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