

GREENJACKET[®]

Post-Installation Care

Toll Free: 1-866-464-7996

www.greenjacketinc.com

sales.greenjacketinc.com

Greenjacket Post-Installation Care

Care of installed Greenjacket products involves the following:

1. Correct product removal and reinstallation when accessing underlying equipment
2. Insulation monitoring and maintenance
3. Periodic monitoring and maintenance of underlying equipment

1. Correct Product Installation

Greenjacket products are installed correctly initially, however, an apparatus taken out of service for regular maintenance can have the product reapplied incorrectly. Greenjacket products are designed to fit sitting on the top insulator shed or enclosing the top-most shed only. Installing any protective products including Greenjacket over more than one or in some cases all the sheds will compromise the insulator's BIL rating. Consequently subjecting the surface of protective covers to high electrical stress that can result in a flashover.



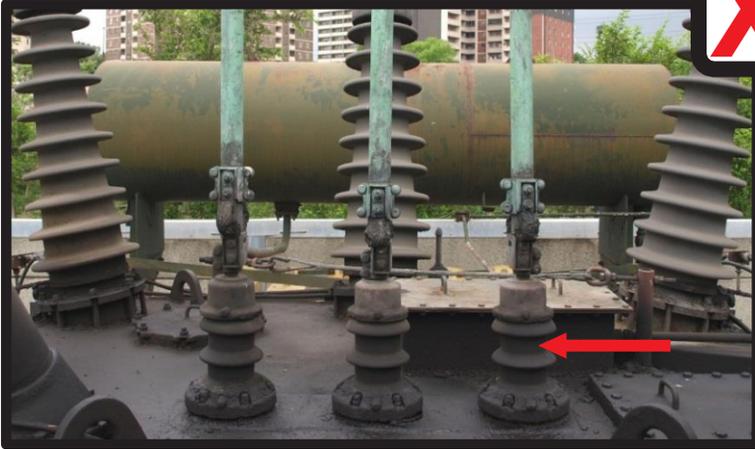
Incorrectly installed product over multiple sheds

2. Insulation Monitoring and Maintenance

Proper insulation maintenance is required at locations considered to be highly contaminated (i.e. Equivalent Salt Deposit Density monitored) road salt and/or other airborne semi-conductive contaminants can build up on insulator sheds causing eventual surface tracking and reducing an insulator's performance. Resulting tracking can place severe electrical stress on the service of installed cover-up resulting in a flashover.

When contaminated insulators require washing, Greenjacket covers can also be cleaned if necessary. Careful attention should be taken to ensure covers are not dislodged while being cleaned and that their original intended position is maintained.

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Contaminated bushing sheds

3. Product Installed on Damaged Equipment/Apparatus

Insulation and connectors are visually inspected to ensure both are in good working order prior to having cover-up installed. However, cracked or damaged insulation or loose electrical connections can result in a flashover at that location. Greenjacket products should never be installed on damaged or malfunctioning equipment.



Hairline crack in insulator due to uneven torquing during bushing installation