Chapter 1
Composite Insulator Definition

1.14 Silicone Rubber Insulator Cleaning

By Orient Power
Silicone Rubber Insulator Cleaning

Why do want to clean the silicone rubber insulators?
◆ The silicone rubber insulators, also known as composite insulators, with excellent stain flash performance, widely used in the power system; however, due to the long without cleaning, sewage insulator surface area will become increasingly important in the use of up to a certain time still there flashover incidents continue to occur. For ensuring the safety of using the insulator, Silicone rubber insulator cleaning is very important.
◆ The silicone rubber insulators, after having been cleaned and dried, shall be completely immersed in a tank containing a suitable insulating medium to prevent surface discharges on them before doing some related tests.

When insulators are grouped together, such as in a substation, pressure washing or hand cleaning can be difficult to accomplish while the station is energized, due to the clearances that must be maintained.

How to clean the silicone rubber insulators?
◆ Sweeping breakout
◆ Using high-pressure water cleaning
◆ Nowadays, that using helicopters to clean designed for UHV transmission lines without power outages, mainly to reduce the loss of the Power.

Orient Power
sales@composite-insulator.com
http://www.composite-insulator.com