

State Of Safety

Risk Control – Construction

The Load Insulator® “Rent & Prevent” Program available from Insulat

To reduce the horrific injuries and deaths of riggers, caused by overhead powerline contact, The St. Paul are working together with Insulat to offer the first, truly reliable insulating link, on an entirely new program.....

Rent and Prevent

Until now the **Load Insulator®** has only been available to purchase, but in conjunction with The St. Paul we are launching the option to rent. Eventually this will be available to all, but initially The St. Paul customers are being given priority to rent and to do so at discounted rates.

The Load Insulator® as a Product

The Load Insulator® is truly “state of the art” in Insulating Links. It has been proven that previous Insulating Links cannot be trusted to work reliably and continually under the variety of conditions that are found in the construction industry.

Unlike any other insulating link the Load Insulator® unit contains a “Black Box” monitoring system that performs three principal tasks:

1. To self-test the integrity of both internal insulation and external tracking every day at 5.00 am EST.
2. To record date and time of high voltage contact or test failure.
3. To emit audible warnings if the unit is faulty or requires to be returned for inspection or for annual re-certification.

This data is downloadable and can be used as part of your Safety Management Programs



Background to the Problem of Electrocution

Data for fatalities in industry are vague, however NIOSH in their publication “Worker Deaths by Electrocution” discuss the problem and attempt to bring together statistics.

During their period of analysis they established that the construction industry was responsible for 40% of all industrial electrocutions and that the single largest cause was power line contact by boom vehicles.

When contact is made with power lines the voltage can be over 13,800 volts. In most cases people are killed outright. However there have been many accidents where people have survived, but with horrendous injuries. Typically, injuries involve severe burns, internal tissue damage, loss of limbs and paralysis. These deaths and injuries are often sustained by the riggers, who are in contact with the load being lifted. Consequently as the boom or lift wire contacts an overhead power line the current passes through the rigger to ground.

So if you have a high-risk job, any lift near a powerline is potentially high-risk, but only have a short-term requirement, get protection!

10ton and 55ton lift capacity units can be rented at the following *Special Short-Term Rental Prices*

Part Number	Load Capacity	Voltage Protection	Minimum Rental Charge (2 Weeks)	Service Charge* Per Rental	Rental per Extra Week	
10TV1	10 ton	25 kV rms	\$145.00	\$415	\$72.50	
25TV1	25 ton	25 kV rms	\$234.00	\$518	\$117.00	Available Sept 2003
55TV1	55 ton	25 kV rms	\$410.00	\$656	\$205.00	

*Service Charge, at the end of each rental period the unit is required to be inspected, tested and data downloaded, this data will be supplied to you as part of your risk management program.

Above rental charges do not include freight costs.

The St.Paul *Special* prices represent a saving of over 7½% against pricing for non-St.Paul customers.

To take advantage of The St.Paul *Special* prices please quote **SPS02**

Rent and Prevent

For further information please contact:

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