

# SAFETY ALERT!

**Attention: All UNL & Unison Contracting Services Limited Employees**

<b>Subject</b>	<b>Red Spot Low Voltage Fuses</b>		
<b>Alert Number</b>	<b>SA 089</b>	<b>Date Issued</b>	8/12/2014
<b>Issued by</b>	UNL Health and Safety Manager	<b>Effective</b>	Immediately

## SAFETY ISSUE/BACKGROUND

This safety alert is to inform Unison and UCSL staff of the potential risk created by voltage tracking associated primarily but not exclusively with Red Spot fuse fittings and to provide direction as to the required controls.

It is understood that these issues exist mainly but not exclusively in the Taupo region where Red Spot fuse fittings are mounted in pedestals installed in moist environments resulting in elevated levels of condensation. In a number of instances, voltage due to tracking has been detected on the load side of the fuse fitting after the fuse carrier has been removed from the fuse base. This has potential safety implications and all staff should be aware of this issue.

Asset Management (AM) are currently undertaking a review and trials whilst collaborating with manufacturers of low voltage fuses in order to develop an optimal, permanent solution to the current issue. This review is ongoing and further communications in relation to this issue will be issued in due course.

## CONTROLS REQUIRED

On existing installations if voltage tracking is suspected on any fuse fitting due to an elevated level of condensation or moisture, where practical, remove the fuse link and test for voltage on the load side of the fuse fitting using appropriate test equipment. If voltage is detected or there are any signs of voltage tracking, the complete fuse fitting is to be replaced with the Bussmann Camaster fuse fitting.

**When replacing the fuse fitting ensure the entire base is treated as LIVE.**



**Bussmann CAMASTER**



**Red Spot**

The Unison stock numbers for these fittings are: 10002546 Camaster fuse carrier & base  
692034 63A link.

Any questions regarding this safety alert should be directed to Bernard Greenwood on 021739440 or [bernard.greenwood@unison.co.nz](mailto:bernard.greenwood@unison.co.nz)