

# First Alert – FA022

## Arc Flash Injury to Northpower Employee



be mindful  
be present  
be safe

Incident		Description	
<b>Event Date:</b> 27/06/2019	<b>Time:</b> 10:00	<b>Location:</b> Hamilton Substation	
<b>Investigation Status:</b>	On-going	<b>NP Reference:</b> INV3963	
<b>Event Description:</b>		<p>A Northpower employee was repositioning a cable from one MCCB to another. He moved an in-service cable back, out of the way, to create room for the cable migration and in doing so has caused a flashover. At this point we know the flashover occurred on the white phase of the in-service cable to the earthed switchboard frame.</p> <p>No further information is available at this point and the incident is under investigation.</p> <p>This alert serves as a reminder to follow safe low voltage work practices, including:</p> <ul style="list-style-type: none"> <li>• First, determine if the equipment can be isolated.</li> <li>• Check for back feeds and adjacent services.</li> <li>• Complete a risk assessment, identify controls and plan a work methodology.</li> <li>• Use a safety observer if appropriate for the risk.</li> <li>• Ensure everyone understands the work methodology and controls.</li> <li>• Use insulating barriers.</li> <li>• Use PPE including insulating gloves and visors where appropriate.</li> <li>• Prove Test Prove</li> <li>• Use insulating tools.</li> </ul>	
<p>The scope of the work was to remove the feed from this CB and position into the bottom CB as per below</p> <p>This is the CB of where the feed was to be relocated too.</p> <p>When trying to create more room to be able to manoeuvre the feed into the bottom CB, the feed above this CB was pushed back out of the way to create space and in doing so has touched the metal bar in behind this feed and caused a flash over.</p>			
<b>Actual Outcome:</b>		Northpower employee has sustained a burn to his left hand middle finger.	
<b>Actions Required / Messages:</b>		Under investigation	
<b>Contact Person:</b>		Brett Sweeny, Contracts Manager - Transmission	