

Risk control for the electrical supply

Please note: This is a Vero Insurance sample template only.

Company/Division:	
Performed by:	
Location:	
Date:	

Any 'No' response should be explained. Note specific problem, location and improvement action to be taken.

Risk:						
Failure of electrical supply to key equipment critical to your business operations.						
	Yes	No	N/A	Comments		Completed (date)
Supply into the premise from the public utility						
Electrical supply into the premise from the public utility is clearly identified and the route is known to management	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
Supply in the immediate locality is viewed frequently in consideration of the condition of power poles, lines, transformers etc. and concerns are formally raised with the supply authority. There are no outstanding concerns	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
Supply quality and integrity is known and there are no unusual/frequent interruptions or spikes	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
Frequent interruptions to supply are experienced and we have an alternative resource to critical equipment	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
Supply isolation is accessible, clearly identified and known to staff should there be a need to shut down supply in an emergency	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
We monitor weather and in the event of severe electrical storms we isolate power supply to critical equipment	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
Surge protection/suppression is fitted at the incoming mains and protects the facility from externally induced surges from the power grid	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
Supply around the premise						
There are sufficient general-purpose outlets (GPO's) throughout our premise with minimal use of power boards	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
General purpose outlets (GPO's) are in good condition with no signs of over-heating, moisture, impact	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
Wiring is in good condition and permanently affixed to a secure structure	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			
Electrical sub-boards are clearly signed, enclosed within metal cabinets which are suitably earthed and in turn the cabinet doors are suitably earthed to the cabinet, clean within and doors are always closed and	<input type="checkbox"/>	<input style="color: red;" type="checkbox"/>	<input type="checkbox"/>			

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	locked					
	Surge protection/suppression is fitted to all sub-boards and protects from surges induced within the facility.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	No combustible storage within proximity (i.e. 2 m) to sub-boards/switchboards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Protection of critical communications/equipment						
	Surge protection/suppression is fitted directly to high cost or sensitive equipment to reduce the likelihood of surge damage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Incoming phone lines and communication lines have their own surge protectors fitted.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Where there are multiple electric motors (i.e. a bank of refrigeration systems), these are fitted with start timers and phase failure relays. <i>(Start timers protect the refrigeration systems and the facility by delaying and staggering the start of each system so as not to induce an internal power surge leading to the damage of other electrical equipment. Phase failure relays stop three phase motors from operating if there is a loss of one or more power phases or if one or more phases are low in voltage. Low voltage in one or more phases is also referred to as a brown out).</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	Circuit breakers (fuses) are appropriately rated for equipment current draw	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
Maintenance						
	The supply route around our premises is known to us and if underground, we (and our contractors) know to "Dial before you dig" (or other measures are adopted to prevent cable cut)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	A thermography service provider is engaged to carry out a thermal inspection on all electrical switchboards and distribution boards every year. The service includes a report that identifies all temperature anomalies and provides a recommended repair priority. Rescanning is undertaken on an annual basis, however, the findings from the initial report may influence the frequency	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
	All electrical work is performed by a licensed contractor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

The information contained in this Checklist is general in nature only and does not take into account your specific risks and hazards, nor does it imply insurance coverage. No representation or warranty, express or implied, is made as to the completeness of this Checklist and you should consider whether it adequately covers all of your hazards and risks. AAI Limited ABN 48 005 297 807, trading as Vero Insurance ("Vero") does not accept any legal responsibility or liability for negligence or otherwise to you or anyone else who seeks to rely on this Checklist. This includes, without limitation, loss arising from a possible failure of the Checklist to incorporate any applicable Australian Standards or identify any regulatory or statutory requirements or other risks or hazards beyond those mentioned in the Checklist.