



# Electrical Safety Checklist

This is a sample checklist containing items from [www.illinoisosha.com](http://www.illinoisosha.com).

Grain Handling Safety Coalition

<b>General</b>	
	<b>Checklist Item</b>
	Are repairs and electrical connections made only by persons who are familiar with all electrical requirements?
	If your premises have a 240/120 volt, 1-phase, 3-wire system, is the neutral grounded?
	If your premises have a 240/120 volt, 3-phase, 4-wire system, is the midpoint of one phase grounded?
<b>Identification</b>	
	Has a survey been made recently to check proper identification?
	Would a fireman (not a plant electrician) be able to recognize the main switch or switches?
	Does each feeder have an identification indicating its destination?
	Is the purpose of each disconnecting means (throughout the premises) indicated by a key number or a description?
	Does each panel board have a "legend" indicating the purpose of each circuit breaker, fuse or switch in the panel board?
	Are all identifications clear, permanent and legible?
<b>Terminals &amp; Joints</b>	
	Do you have a policy of purchasing only approved cords and devices that are suitable for intended use?
	Have you made an inspection of your premises to detect any pre-existing violations which should be corrected?
<b>Flexible Cords</b>	
	When changes or additions are planned, do you allow for the work necessary for a proper electrical installation?
	Does the fixed wiring system of your premises have some provision for extension of circuits for new outlets as needed?
	Are there any situations where "temporary" wiring has been allowed to remain for periods longer than can be justified?
	Are there any places where cord is stapled, clamped or otherwise attached to building surfaces?
	Is any cord run through holes, doorways, windows?
<b>Electrical Connections</b>	
	Are proper materials available for making connections and repairs which are required?
	In particular, do you make sure that splicing materials used are appropriate, considering possible presence of oil, solvents, water, metal chips?
<b>Marking of Equipment</b>	
	Do you have more than one type of electrical supply available on your premises (A.C. vs. D.C., 3-phase vs. 1-phase, 460 vs. 230 vs. 115 volts)?
	In places where there may be doubt as to these characteristics, do you apply additional field-marking to indicate the actual voltage, etc., involved?
	If your premises includes any hazardous locations (Class I, II or III) are there visible nameplates showing the equipment is listed as suitable for such locations?