


**UNIVERSITY OF TOLEDO
FACILITIES AND CONSTRUCTION**

Section:	Electrical/Electronics	Procedure Number:	E-05
Subject:	Preventive Maintenance of Disconnects and Alternators	Effective Date:	January 1980
		Revised Date:	December 2019
Facilities Officer:		Reviewed Date:	December 2019

Standard Operating Procedure

All disconnects and alternators will be maintained on a regular basis and/or as outlined in NFPA70B.

Purpose

To ensure a means to disconnect or alternate electrical power in a safe manner.

Procedure

Annual:

1. Inspect for signs of overheating and loose or broken hardware.
2. Inspect and torque connections to buss and cables.
3. Clean main contacts, adjust and apply a thin film of conductive lubricant, if recommended by the manufacturer.
4. If the contacts are burned or the switch has overheated, a contact resistance test should be conducted.
5. Report any unusual conditions to the Electrical Manager.