

Name: \_\_\_\_\_

## A EN 2013 – Agricultural Power Units Power Unit Measurement Techniques Laboratory

### Digital Multimeter Skill

Ohmmeter & Continuity: NO CURRENT FLOW!	Resistor Measurement	Switch Test	Ignition Coil
Resistance:			
Continuity:			
DC & AC Voltage: Caution! Electrical Hazard!	Battery Voltage (DC)	Battery Voltage Drop (DC)	Wall Outlet (AC)
Choose the Correct Current Setting!			
Ammeter:	Amps		
Check Identified Circuit:			

### Draw, Create, & Test The Following Circuit Failures

Record voltage and amperage at different points in each circuit failure				
<i><b>Circuit Failure:</b></i>	<i><b>Ohms</b></i>	<i><b>Voltage</b></i>	<i><b>Amps</b></i>	<i><b>Drawing</b></i>
<b>High Resistance</b>				
<b>Open</b>				
<b>Ground</b>				
<b>Short</b>				

\*Answer the questions on the back of this sheet.

