

EAS 199B: Checklist for electrical power system

Date:

Group members:

Sub-project Leader

Your score	Max score	
_____	5	Electrical system has two 12VDC circuits: one for the pump and one for the control system
_____	5	Each 12VDC circuit has an on/off switch.
_____	5	Arduino and long breadboard are mounted on the control plate
_____	5	Arduino power is from the 12V rail of the breadboard
_____	5	5V rail of the breadboard receives power from the Arduino
_____	5	Switches, barrier strips and other exposed connections are inside a project box or electrical box.
_____	5	Turning pump on and off does not interfere with operation of the control system.
_____	5	Turning control system on and off does not interfere with operation of the pump.
	40	Total

Sub-project Leader

_____	5	Clear and responsive communication with instructor
_____	5	System is organized and ready for in-class verification
_____	5	All team members are knowledgeable about system operation
	15	