

Annual Checklist for Backpack Electrofishing Units

Electrofishing Unit

Unit Make	Model	Serial Number
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- unit has been serviced within the last 3 years or 5 years if used less than 10 days per year
- electrical connections and wiring in good condition
- no visible damage/cracks to unit casing
- adequate protection on wiring (no visible cracks, tears or chafing)
- voltage gauge (if fitted) indicates high voltage output working
- controls and gauges operational
- audible signal working
- visual signal working (if fitted)
- main power switch working, clearly marked and accessible
- mercury tilt switch working when tipped in each direction
- anode pressure switch working and resets to the “off” position when released
- anode ring clean, in good condition, fastened securely and checked for continuity
- anode handle in good condition and is of non-conductive material
- cathode cable and insulation in good condition
- cathode clean, securely fastened and checked for continuity
- backpack frame made from non-conductive material, straps not cracked, broken or frayed, buckles operating
- backpack quick release mechanisms working properly

Power Source

- non spillable gel cell battery
- battery terminals clean
- no visible cracks/holes in casing or wires
- capable of holding full charge

Ancillary Equipment

- dip net handle(s) in good condition and made of non-conductive material
- First Aid kit(s) present and fully stocked
- operators manuals present
- review log book for completeness, problems, required maintenance etc.

Comments

Unit **meets** Annual Inspection requirements Unit **does not meet** Annual Inspection requirements

Inspected by _____ day / month / year

Principal Investigator _____ day / month / year