

## 1. Maintenance of DC Power Supplies

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Aldonex power supplies are designed for minimum of maintenance. Frequency and duration of maintenance is determined by environmental conditions around the power supply. Regular maintenance intervals will keep the power supply at its optimum performance and prevent costly breakdowns.

### ***WARNING:***

*Before any Maintenance is performed be sure the MAIN POWER to your Rectifier is SHUT-OFF!*

### **Operator Maintenance**

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At start of each shift the operator should ensure that both Amp and Voltmeters are reading 0 when the power supply is OFF.

**Note:** Some chemical baths can generate small amounts of voltage that will show a deflection on the Voltmeter. This voltage will drop to 0 when a load is placed on the power supply.

### **Periodic Inspection**

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Check electrical connections for corrosion and/or deposits. Keep terminal strips clean to prevent arc over between terminals.

Perform visual inspection for any signs of burning or discoloration from heat.

Inspect wire connections for tightness.

Inspect internal components for mounting tightness.

### **Cleaning**

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Unit should be opened up completely. The inside of the power supply should have any foreign material removed using forced air. We do not recommend vacuum cleaning because it very seldom does the job correctly. Power supply enclosure can be cleaned with mild detergent.