



# Clemas & Co Ltd

Industrial Cleaning Equipment  
Sales - Hire - Service

## WET BATTERY CARE & MAINTENANCE PROCEDURES

### DO

- ⇒ Maintain the correct levels of electrolyte at all times. CHECK WEEKLY
- ⇒ Top-up at least once a week using only distilled or de-ionised water. The frequency will depend on operating and charging conditions
- ⇒ Ensure the top of the battery is clean and dry
- ⇒ Check specific gravity readings using hydrometer. Maintain records of readings.
- ⇒ Assist air-cooling and ventilation by charging with the battery compartment lid open.
- ⇒ Switch off charger before disconnecting battery
- ⇒ Ensure all connections and bolted terminals are tight and covered with petroleum jelly. Use insulated tools when removing or replacing terminals.
- ⇒ Avoid corrosion around terminals or metal container by cleaning off and neutralising with a weak solution of ammonia, sodium bi-carbonate, sodium carbonate
- ⇒ Wear protective clothing. Battery acid is poisonous and corrosive

### DO NOT

- ⇒ Overcharge or undercharge the battery. Use only the correct type and size of charger approved by Clemas & Co Ltd.
- ⇒ Under fill or overfill when adjusting levels of electrolyte
- ⇒ Dispense topping-up water from metal containers
- ⇒ Put any metal objects on top of the battery
- ⇒ Charge the battery with the vent caps open or removed
- ⇒ Leave discharged battery in that state for over 24 hours
- ⇒ Add acid to the cells. Consult our Service Department in the event of electrolyte loss
- ⇒ Smoke or allow naked flames near the battery, especially when charging
- ⇒ Re-charge the battery for longer periods than necessary to restore capacity used
- ⇒ Repair or re-set the charger. Any setting or necessary repair should be undertaken by qualified personnel, using approved components. Contact our Service Department for further information.

**Clemas & Co Ltd.**

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