

## Do's and Don't s

### Do's

- Unload the batteries carefully and place them in level floor.
- Store the batteries in a cool and dry location
- Monitor and charge the batteries as soon as cell voltage drops to 2.1V/cell for extended the storage periods
- Unpack the batteries as per the unpacking instructions
- Install the batteries in a cool and dry location
- Provide adequate ventilation & illumination
- Keep the battery away from sparks, heat source or fire.
- Ensure cell orientation & connections as per GA drawing
- Check the compatibility of Power Plant and replace/ Modify if required before commissioning the battery
- Monitor the charge and Float Voltages of the Power Plant at monthly intervals and adjust the settings if required
- Check the tightness of connections at monthly intervals
- Maintain monthly service record as per the format given in Operation and Maintenance Manual
- Contact HBL Power Systems Limited for additional help and guidance.

### Don't s

- Do not expose the Packed batteries to rain and Sunlight
- Do not exceed the storage period without giving freshening charge to the battery
- Do not Install the batteries in rooms with varying temperature
- Do not short-circuit the terminals of the battery or cells during assembly
- Do not over tight/under tight the terminal bolts which may cause terminal breakage or fire due to loose contact
- Do not mix batteries of different types or makes or age
- Do not make intermediate / tap connections in battery
- Do not tamper with cell vents
- Do not use underrating cables for connecting the battery.
- Never install any type of battery in a completely sealed container. Sufficient ventilation to be provided for air circulation.
- Do not allow any metal object to rest on the battery - this may cause short circuit.
- Do not add any acid or DM water in case of SMF battery