

## Industrial Batteries (UK) Limited Greenlands Business Centre Studley Road Redditch, Worcestershire, B98 7HD

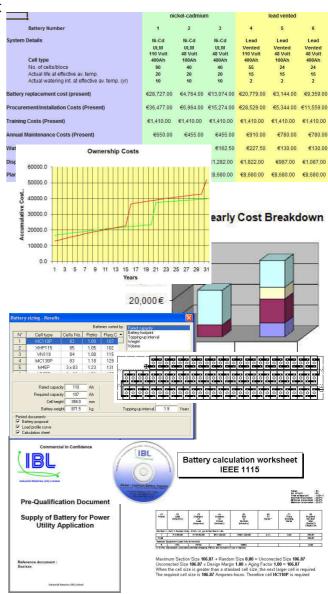
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## **Battery Specification Services**

We can offer, on a consultancy basis, a full design analysis service for new or existing battery installations, which, according to the needs, can include:

- Life cycle cost analysis: This looks at the cost of ownership of the battery over a defined number of years. It is important in such an analysis that items such as inflation, servicing, replacement cost and disposal costs should be taken into account.
- ✓ Battery choice and sizing: The selection of the correct battery for the installation is essential if the system is to achieve the lifetime and performance required for the application.
- ✓ Comparison between different options:

  Demonstrating that the correct choice has been made by comparing a number of options is a prerequisite for a correct specification.
- Installation parameters: Installing a battery has to take into account dimensions, stands requirements, maintenance needs and equipment, ventilation, seismic needs etc.
- Gas evolution and ventilation requirements:
  Batteries installed in the UK should meet the requirements of the European EN 50272-2 standard which incorporates the appropriate British Standards. It is necessary to carry out these calculations correctly to ensure compliance.
- Battery monitoring considerations: Although Nickel-Cadmium cells do not require sophisticated monitoring, it can be a customer requirement to have some form of monitoring. Unsuitable monitoring systems are false security.



This can be produced as a full report, which can be used by consultants and engineers as part of their total design analysis. However, if you only need one of the above aspects to be evaluated we are happy to do this and produce a suitable report of the findings.

If you wish to consult us on this, please use the contact information at the top of this leaflet or go via our web site: www.ibluk.co.uk.