AMACS

Anode Monitoring and Control System

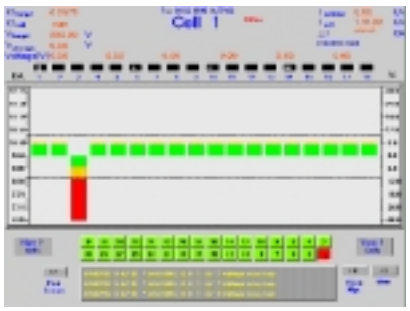
Improve the performance and safety
of mercury chlorine cells

Real-time cell parameter visibility for better control, efficiency and capacity.

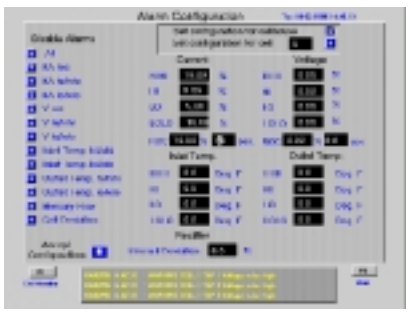
AMACS significantly increases process efficiency in mercury cell rooms by increasing the accuracy of both manual and automatic control of electrical process parameters. AMACS consists of an integrated network of PLCs, current and voltage sensors linked by a high speed, digital communications network to the latest computer hardware and software. Application specific software provides accurate, reliable and timely data for both manual as well as automatic process control. Integrated system diagnostics insure proper operation allowing the data provided to be used with confidence.

Special isolated dual-pickup, temperature compensated, sealed and maintenance free sensors reject ambient magnetic interference. Installation is as simple as attaching them to existing buswork, no downtime is required. Automatic digital calibration insures accuracy while minimizing maintenance.

Data gathering, presentation and logging is performed by state-of-the-art software. Its full color graphical user interface makes it easy to use while comprehensive diagnostic and security features protect against faulty data and unauthorized use.



Real time displays provide a comprehensive overview of each cell and its parameters.



Comprehensive alarm capabilities insure operators have the information they need to quickly respond to process fluctuations

Complete logging / recording capabilities document alarms, performance and a wide variety of other data

Typical system payback is estimated at less than 1 year

- ☑ Savings of up to 0.30 volts per cell
- ☑ K factors as low as 0.07
- ☑ Current densities greater than 11KA / sq.m
- ☑ Better cell optimization and problem analysis
- ☑ Easier production rate change to take advantage of off-peak pobwer rates

DynAmp : Global Leader in High Current Systems

Formed by the integration of knowledge from LEM SA and Halmar, DynAmp has built a unique understanding of high current applications. With over 30 years of experience, thousands of systems have been installed in electro-chemical and other energy intensive processes throughout the world. We combine these years of experience with advanced technology to provide the most accurate, reliable power conversion and process monitoring systems available.

DynAmp's know-how extends well beyond current measurement.
We understand the value of the information our systems provide and how it is used in making decisions.

The need for energy intensive processes to increase process efficiency, objectively compare multiple plants and improve power conversion efficiency has never higher. The DynAmp team stands re-comitted to helping you meet the challenges you face today while helping prepare for the future.

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DynAmp was formerly part of the LEM Group