

Pow-R-Surge
BATTERIES

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East Penn
CANADA

THE WORLD'S LARGEST AND MOST TECHNOLOGICALLY ADVANCED BATTERY MANUFACTURING FACILITY!

Since 1946, East Penn Manufacturing Co., Inc. has been producing exceptional quality batteries and battery accessories for the automotive, commercial, marine, industrial, standby power and specialty markets. Our high tech facilities and innovative computer monitoring and control systems make us the industry's most technologically advanced battery manufacturer. Fully integrated in all steps of the manufacturing process, virtually every battery component is manufactured and assembled by East Penn for total quality control.

East Penn is one of the leading lead acid battery manufacturers in North America, and the largest privately held lead acid manufacturer in the entire industry.



EAST PENN MANUFACTURING PLANT

EAST PENN manufacturing co., inc. - Lyon Station, PA

PRODUCTION FACILITIES / ▼



East Penn operates the largest and most modern single site battery manufacturing facility in the world. The site spans over 520 acres. East Penn processes are computer controlled for consistent quality. In addition, each battery undergoes in excess of 250 quality control checks before it leaves the facility.

The facility includes three automotive battery plants, an industrial battery plant, a specialty battery plant, a state-of-the-art oxide facility, an acid reclamation plant, a wire, cable and diversified products plant, a modern technical centre, an EPA approved lead smelter and refinery, two water purification plants, a fully equipped machine shop, a fleet repair and maintenance garage, plus dozens of other support facilities.

TOTAL QUALITY CONTROL / ▼



East Penn maintains a Quality Management System, which is certified to ISO 9001 and ISO/TS 16949 standards. The company has strict quality standards and tests at every stage of the production process. In product design, each battery model must conform to BCI standards on dimensions, terminal configuration and hold-down placements. In manufacturing, batteries are tested on the line to ensure quality according to Statistical Process Control methods.

Every critical step in the manufacturing process is computer controlled including: paste mixing, grid casting, plate pasting, acid mixing and formation. These controls assure consistently regulated products, time after time.

Our vertical integration allows us to control availability, quality and technology. Our injection moulding division supplies most of our plastic needs.

RECYCLING / ▼



East Penn operates one of the most modern captive lead smelter and recycling centres, which has been recognized by the EPA as a model site for the lead recycling industry. East Penn's waste water treatment facility was also awarded the prestigious Pennsylvania Governor's Award for Outstanding Achievement in Pollution Prevention in October 1996.

Fully committed to safe recycling and environmental protection, East Penn engineers designed and built the battery industry's first acid reclamation plant. We hold exclusive patents to the acid reclamation process.

100% of the components of scrap batteries are recycled and put to good use. The lead, plastic and acid are recycled into new batteries. The sulfur from the furnace gasses is recovered and used to make fertilizer. Even the waste heat from the blast furnace is used to heat buildings in cold weather.

EAST PENN CANADA

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