

# THE LEADER

# RALPHS - PUGH

## Conveyor Roller Testimonial - Battery Plant Operation



Robert Anderson / C & D Technologies

**RALPHS-PUGH CO.**



STATE OF THE ART ROLLERS

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Battery plants are infamous for the harsh operating conditions associated with battery production: corrosive acids, warm temperatures, moist atmospheres, high product volume, heavy loads and high impact loading.

Several types of rollers have been tried, each having limiting factors:

1. All stainless steel rollers - high initial price, bearing maintenance
2. Carbon steel rollers - corrosion, bearing maintenance
3. PVC rollers - high breakage, roller and bearing maintenance

Ralphs-Pugh Company has developed and supplied a roller which counters traditional failure modes. The bearings are permanently lubricated ABEC-1 precision bearings in Ralphs-Pugh acid resistant, double labyrinth sealed plastic housings. The rollers are inert

PVC with steel reinforcement. Shafts are dual spring loaded carbon steel for easy installation.

**RESULT:** A roller that is not reactive to sulfuric acids, that has high strength and excellent impact resistance and bearings that do not require continuous maintenance (lubrication or replacement).

Companies that are realizing the benefits include Johnson Control, C & D Technologies, GNB, East Penn Manufacturing, etc. Robert Anderson of C & D Technologies states, "We purchased 14,000 plus rollers about 3 years ago. We have no failures and zero maintenance for the rollers in both fuming and forming areas—our most difficult applications. Ralphs-Pugh is our choice for rollers."

Lower your operating costs by selecting Ralphs-Pugh rollers.