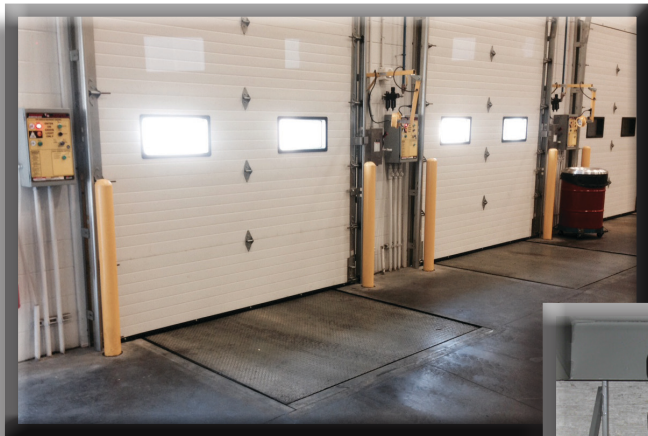


A COST SAVING SOLUTION FOR AN EXPLOSION PROOF APPLICATION



Company: International Ink Manufacturer

Location: Cincinnati, OH

Industry: Ink Manufacturing

Challenge Overview: Install push button operated dock levelers that are explosion proof and within budget.

Equipment Solution:
Poweramp CentraAir® Levelers with TPR® Vehicle Restraints

Challenge

As a leading international manufacturer of ink, this company was required to use safe explosion proof applications when installing their new loading dock levelers and vehicle restraints at their facility.

The use of mechanical levelers seemed cumbersome to operate and required a lot of ongoing maintenance. Hydraulic levelers on the other hand were much more convenient to use, but would require a very costly explosion proof option to be added to the motor. This put hydraulic levelers out of their price range.

The company turned to Poweramp to seek the alternatives for their very specific requirements.

Solution

Poweramp worked with the ink manufacturer and an engineering consulting firm to provide Poweramp's air-powered CentraAir (CA) Dock Leveler with a solenoid coil that was suitable for the specific classified environment.

The CA levelers would provide the same ease of use, push button operation as a hydraulic leveler, but would not require any additional explosion proof add-ons. This is because the CA utilizes compressed air with an industrial automotive-grade bellows system to lift the leveler and does not have any motors in the pit.

On the exterior of the building Poweramp also added TPR vehicle restraints. The complete integration of these restraints with the CA levelers would create a safer loading dock.

Results

While staying under budget, the international ink company's personnel are now able to use push button levelers that are fully integrated with the vehicle restraints to maintain complete control of their sequence of operation at the classified loading dock area.

In addition to the safety of an explosion proof application, the CentraAir levelers have also created a smooth and efficient material transfer zone.

"The CentraAir levelers met our requirements for an explosion proof application and saved us a lot of money over alternatives. Our docks are now more efficient with the CA levelers in place."
– Maintenance Manager