

PENNSY
Today

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WINTER 2006

- Continuous Improvement:
Air Hose Support
- Pennsy's New Offices
- RSI Convention 2006



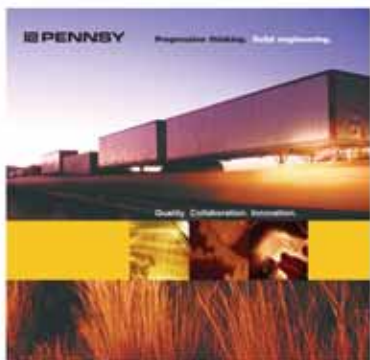
Pennsy's New Office



Pennsy is excited to announce their move to a new office location in West Chester, PA effective October 1st. Located along the site of an old Pennsylvania Railroad line, this new location offers larger engineering and testing facilities, more room for growth, and a better base for continued service to our customers. Please make a note of our new address information for your records:

Pennsy Corporation

515 S. Franklin Street
West Chester, PA 19382
www.pennsy.com
(610) 692-8618



RSI Convention '06

It was great to see and talk with many of you at the recent RSI Convention in Chicago. As always the presentations and meetings were both beneficial and intriguing. If you have any questions regarding any of the Pennsy products you saw at the event, feel free to contact us at the number listed above or visit www.pennsy.com.

CONTINUOUS IMPROVEMENT: Air Hose Support

PROBLEM: Air Hose Separations Still Occur Too Frequently

Air hose separations have a huge negative impact on rail operations. Failed air hose supports are one of the leading causes for these separations. Such events typically result from failures in the strap material or the support clips. Rubber straps simply don't hold up to UV or environmental degradation and eventually stretch under loading to the point of failure. Metal clips are prone to rotation within the glad hand in transit and failure from resulting lateral loading. Wire rope straps bring with them their own problems including wear and fraying that lead to eventual failure.



View of a deformed glad hand clip

SOLUTION: Advanced Polymer Material and New Clip Design

Straps designed with advanced polymers overcome the UV and environmental degradation shortcomings of rubber and wire cable. The polymer material demonstrates superior loading capabilities and resists permanent elongation therefore reducing the frequency of support adjustments. A new clip design resists rotation within the glad hand to eliminate lateral loading failure.



Polymer support with revised lower clip

RESULTS:

- Polymer strap has a longer service life
- Requires less frequent adjustments
- Eliminates clip failure from lateral loading
- Proven in widespread usage
- Lower failure rate
- Exceeds AAR S-4006 requirements

Read more about the development of the Pennsy Air Hose Support Strap at www.pennsy.com/solutions. Also, look for a new Clip-less support design as a future Pennsy product offering.



The latest Pennsy support clip (right) resists rotation within the glad hand as experienced with traditional support clips (left)