

# solutions *to improve efficiency, safety and productivity.*

Providing the World Material Handling Industry with Productive, Safe and Reliable "Complete Conveyor Solutions."



## ASGCO® Conveyor Products Solve Fugitive Material Containment Problems at a Northwestern Coal Fired Power Plant.

### Problem:

This northwestern coal fired power plant was experiencing tremendous amounts of coal escaping through the load zone area. There were several issues that needed attention. The belt was mis-tracking in the impact area of the load zone and it was not fully supported due to the impact rollers being used. Both situations resulted in excess spillage and airborne dust.

### Solution:

It was recommended that ASGCO® Flat Return Tru-Trainers® be installed fifteen feet in front of the tail pulley to properly center the belt in the load zone. They also needed to support the belt in the load zone area in order to provide an effective sealing surface for the surrounding skirtboard. The installation of ASGCO® Heavy Duty Impact Beds were recommended to replace the rollers in order to reduce airborne dust and spillage. The skirting area needed to be reconstructed. Inside we would mount our ASGCO® angled wear liners to keep the coal off of the skirting. We then could properly seal up the system by using our Clamp-Mount™ with Tri-seal™ Skirtboard Sealing Systems.

The customer was cleaning up the conveyor every day. After the installation of ASGCO®'s Slide-N-Roll™ Conveyor Impact Bed, Clamp-Mount™ Skirtboard Sealing System with Tri-seal™ and Tru-Trainer® Flat Return Belt Tracking Idlers, their clean-up regiment is now once every three weeks. The cost savings from dramatically minimizing the clean-up time and the additional benefit of having a cleaner and safer environment, has more than paid for the upgrade. In the past year the customer has been upgrading many of their conveyor systems with proven ASGCO® products.

**PROBLEM:** Tremendous amounts of coal were escaping through the load zone area due to belt mis-tracking and inadequate support in the impact area of the load zone. Both situations resulted in excess spillage and airborne dust.



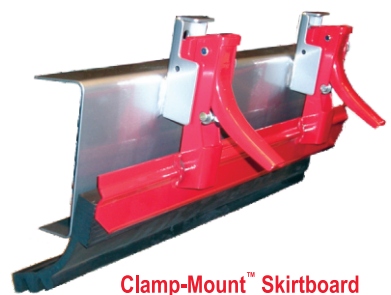
**SOLUTION:** Installation of ASGCO® Tru-Trainer® Flat Return Belt Tracking Idlers, Slide-N-Roll Impact Beds, plus Clamp-Mount Skirtboard Sealing Systems with Tri-Seal, reduced mis-tracking and housekeeping issues in the load zone.



**Slide-N-Roll™ Conveyor Slider Bed**  
Provides a powerful load support while stopping dust and spillage in the conveyor load zone.



**Tru-Trainer® Dual Return Training Idler**  
The Tru-Trainer offers the most reliable and re-active belt tracking on the market.



**Clamp-Mount™ Skirtboard Sealing System with Tri-seal™**  
Help eliminate spillage and dust in the conveyor transfer point with clamp-mount.

For more information on ASGCO's® complete line of proven conveyor products contact us at [www.asgco.com](http://www.asgco.com)

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