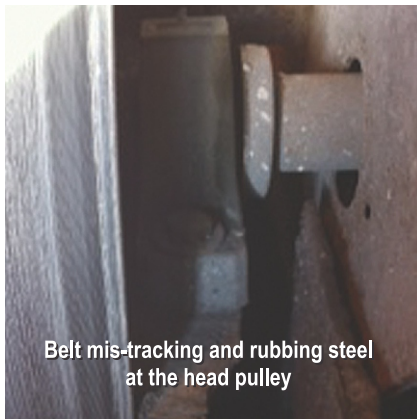


ASGCO® - Tru-Trainer® Belt Tracking Idler Solves Tracking Problem on FGD Scrubbing Conveyor

Industry	Coal Burning Power Plant with FGD Scrubber Conveyors
Application	#2 Refuge Belt
Product	ASGCO® Tru -Trainer® Flat Return Idlers
Objective	Solving a severe belt tracking problem.
Details	Conveyor belt was mis-tracking so badly that it was damaging the edge of the conveyor and causing the product to spill in the load zone area.

Challenge

The customer is a larger coal burning power plant that has had FGD Scrubber Conveyors in service for many years to help control the plants emissions. The product that is being conveyed is a synthetic gypsum product that is either conveyed or shipped to a nearby gypsum board plant. This product is very sticky and corrosive and builds up on the conventional return idlers and return trainers. This causes the belt to mis-tracks and rub conveyor structure.



Recommendations:

After an ASGCO® representative surveyed the conveyor and pointed out some of the problems that was causing the belt mis-tracking. We discussed the benefits of installing two return Tru-Trainers® to help keep the conveyor belt centered on the conveyor.



Results

After installing the Tru-Trainers® the belt immediately centered itself on the conveyor system. The customer watched the performance of the Tru-Trainer® Flat Return Idlers and was extremely impressed.