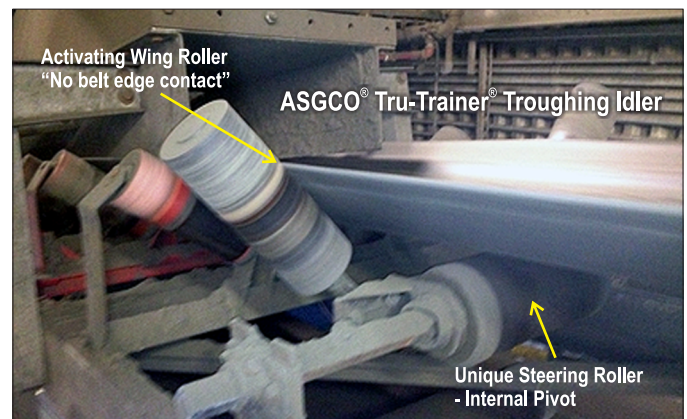
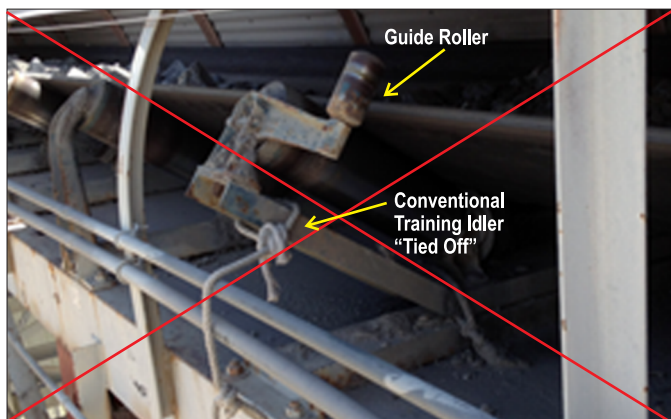


**ASGCO® - Troughing Tru-Trainer® Conveyor Belt Tracking System Solves Belt Tracking Problems at this Copper Mill Process Facility.**

<b>Industry</b>	Copper Mill Process Facility
<b>Application:</b>	36" Belt Width Conveyor processing. (1000 TPH / Belt Speed: 750 FPM)
<b>Product:</b>	ASGCO® 36" Troughing Tru-Trainer®
<b>Objective:</b>	To provide a belt tracking idler that reacted quicker without freezing up or causing belt damage in the harsh environment.

**Challenge**

This copper mill facility was processing crushed ore the consistency of sand. They were using conventional guide roller trackers that kept failing. Due to the design of the guide rollers they continually came in contact with the belt's edge which made them slow to react and caused premature "side wear" on the belt. The operators were prone to "tying the guide rolls off" which eliminated "the ability for it to train/align the belt". Also "build-up" of carry-back on the external pivot caused freeze-up (stop working) making it vulnerable to the elements of the harsh environment.



**Recommendations:**

Install ASGCO® 36" Troughing Tru-Trainer® prior to where the problem of miss alignment occurred on the "load-carrying side of the belt". Conventional training devices utilize "guide rolls" that cause premature belt wear and are slow to react to belt miss tracking. At no time does the ASGCO® Troughing Tru-Trainer wing's contacts the belt's edge.

**Results:**

ASGCO®'s Tru-Trainer® Troughing Idler's unique center roller does all the belt's steering. It's quicker to react than conventional trainers with guide rolls. The internal sealed pivot was protected from the harsh elements and fugitive build-up in the copper mill, which caused the other conventional guide roller pivots to "freeze up" and not perform. ASGCO®'s Tru-Trainer® Troughing Idler's superior belt tracking performance is saving themine money due to less spillage, less downtime and less belt wear.

**Tru-Trainer Troughing Idler®**

The Tru-Trainer® Troughing is based on an enhanced load carrying design which features quicker activation, increased swing and overall better performance. There is no edge damage and the troughing angle is now adjustable.

- Load Carrying Side Conveyor Alignment
- Activating Wing Rollers
- Internal Pivot
- Unique Steering Roller



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