

Ensuring worker safety near machines is a challenging problem.

COAL MINE FATALITY - - On Thursday, January 27, 2011, a 19 year old underground miner with fifteen weeks of mining experience was killed when he became caught between the "V" shaped coal discharge guides adjacent to the discharge roller of the section conveyor belt. Both belt conveyors were operating at the time of the accident.

Rank	# of Viols.	Percent *	Standard
1	5	5.81%	56.20003(a) Housekeeping
2	4	4.65%	56.14112(b) Guarding
3	4	4.65%	56.14132(a) Horns & backup alarms
4	4	4.65%	56.12004 Electrical
5	4	4.65%	56.12032 Electrical Form Plate

Insufficient guarding and lack of guarding maintenance , is ranked as the **second most cited occurrence by MSHA.**



ACT can supply you with guarding for your machinery and conveyors.

Our technicians will visit your facility to measure the amount of guarding required for compliance.

We can customize for your facility.

ACT can install any guarding you need.

Send us your dimensions and pictures of the item to be guarded, and we will supply a quote.

Install adequate guarding at all conveyor belt pinch point and machinery locations

Be prepared for your next visit from MSHA OR OSHA

To place your order today
call ACT @ 1-888-480-0680



14644 El Molino St.
Fontana, CA 92335
Ph: (909) 350-4703
Fax: (909) 350-4982

Don't let this happen to your employee!

On April 21, 2009 a miner was pulled into a return roller of the grizzly conveyor at a main quarry. The miner received significant injuries and was evacuated via helicopter from the mine to a hospital. He was fortunate to have survived the event.

MSHA Section: 30 C.F.R. § 56.14107(a). Entitled, "Moving machine parts," provides that: Moving machine parts shall be guarded to protect persons from contacting gears, sprockets, chains, drive, head, tail, and take-up pulleys, return rolls, flywheels, couplings, shafts, fan blades, and similar moving parts that can cause injury.

Return Roll Guards



- UHMW Cage provides complete pinch point protection and catches the roll if it breaks away from the brackets.
- Patented slotted steel heavy gauge mounting bracket retrofits to most return rolls without the need to remove the drop brackets.
- Compatible with CEMA B, C, D & E idlers .
- 4", 5", 6" & 7" diameter rolls.
- With 1-1/2" and 4-1/2" drop brackets .
- Available in belt widths of 18", 24", 30", 36", 42", 48", 54", and 60"
- Bolts to stringer for easy installation. No bolts required for assembly.
- Adjustable for odd size stringer.
- Fits all major roll manufactures sizes and its CEMA B, C, D, & E
- Offers Pinch Point Protection with no leading edges. Riveted pins allow guard to open quickly, safely for maintenance. Quick release pins allows access to return roller.
- Lightweight metal construction

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