



MSHA's Accident Prevention Program Innovative Products



Solar-Powered Haul Road Safety Lighting

New safety lighting systems utilizing light-emitting diodes (LEDs) powered by solar cells provide innovative applications for haul road safety lighting. No wiring is required, making it possible for the solar-powered LEDs to be more easily placed at a busy intersection, sharp curve, foggy area, narrow passage, or any place of concern that needs additional lighting. Battery and photocell technology optimize energy consumption to ensure operation in less than optimum sunlight conditions. Independent traffic studies have shown that intersections equipped with blinker signs experience as much as a 50% reduction in vehicles driving through stop signs.

Manufacturers of the lighting systems offer a broad array of styles, colors, and combinations tailored to the desired end user's specifications.



For information on manufacturers that are known to MSHA to have such products available, contact MSHA's Applied Engineering Division at 304-547-0400 or e-mail InnovativeProducts@dol.gov.

Remember, "SAFETY - Something YOU can live with."

