

U.S. Department of Labor
Mine Safety and Health Administration
Educational Field and Small Mine Services



Location _____ Date _____

Competent Person _____ Duration _____ Time _____

“Rules to Live By”

From CY 2000 - 2008, 589 miners lost their lives, mostly in single and double fatality accidents. MSHA analyzed these fatal accidents to identify conditions and practices that contributed to the 589 deaths, safety standards violated, root causes, and abatement practices. **These Hazards accounted for 45% of all the Fatalities in this time period. Discuss each Standard!!!**

[56.9101](#) Operating speeds and control of equipment

[56.12017](#) Work on power circuits

[56.14101\(a\)*](#) Brake performance

[56.14105](#) Procedures during repairs or maintenance

[56.14130\(g\)](#) Seat belts shall be worn by equipment operators

[56.14131\(a\)](#) Seat belts shall be provided and worn in haul trucks

[56.14205](#) Machinery, equipment, and tools used beyond design

[56.14207](#) parking procedures for unattended equipment

[56.15005](#) Safety belts and lines

[56.16002\(c\)](#) Bins, hoppers, silos, tanks, and surge piles

[56.16009](#) Persons shall stay clear of suspended loads

[56.20011](#) Barricades and warning signs

[57.3360](#) Ground support use

[46.7\(a\)](#) New task training

[56.3130](#) Wall, bank, and slope stability

[56.3200](#) Correction of hazardous conditions

[56.14100\(b\)](#) Safety defects; examination, correction and records

[56.15020](#) Life jackets and belts

[57.14100\(b\)](#) Safety defects; examination, correction and records

- Fatal grams: [56.9101](#), [56.12017](#), [56.14101a](#), [56.14105](#), [56.14130g](#), [56.14131](#), [56.14205](#), [56.14207](#), [56.15005](#), [56.16002c](#), [56.16009](#), [56.20011](#), [57.3360](#), [46.7](#), [56.3130](#), [56.3200](#), [56.14100b](#), [56.15020](#), [57.14100b](#),
- Attendees: