

Welcome to the 2025
**AGGREGATE MINER
SAFETY CONFERENCE**



Aggregate Miner Safety Conference



Building
Illinois'
Future

CONN
MACIEL
CAREY



Priority Issues, Accidents & Safety Concerns

DECEMBER 2, 2025

Nicholas W. Scala

Chair, MSHA Practice Group
Partner, OSHA Practice Group
Conn Maciel Carey LLP

Nicholas W. Scala

nscala@connmaciel.com • 614.418.6048

Nick Scala is a Chair of the national MSHA • Workplace Safety Practice at **Conn Maciel Carey LLP** and a Partner in the firm's OSHA • Workplace Safety Practice. He focuses on all aspects of occupational and mine safety & health law:

- Represents employers in inspections, investigations and enforcement actions involving OSHA & MSHA
- Manages investigations of serious workplace accidents and discrimination/whistleblower complaints
- Handles all aspects of OSHA & MSHA litigation and rulemaking advocacy
- Provides compliance advise to employers by administering privileged audits and investigations
- Chambers USA ranked OSHA/MSHA attorney and Certified Mine Safety Professional



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MSHA's Most Cited Standards





Ranked Standards Report

**CONN
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Program Area: METAL

District Office(s): M4000

Field Office(s): M4821

AR Number:

Work Group(s):

State Code(s):

Mine ID(s):

SIC Code(s): 10/1/2024 12:00:00 AM

CFR Standard Code(s): 9/30/2025 12:00:00 AM

BEGINNING Issue Date:

ENDING Issue Date:

Rank	Regulation	--Citations--					--Orders--				Percent Issued
		104A	S&S	104D1	Extended	Vacated	104D	S&S	107A	Vacated	
1	56.12004	120	4	0	2	0	0	0	0	0	7.68%
2	56.14100(c)	78	26	0	5	1	0	0	0	0	4.99%
3	50.30(a)	77	0	0	0	0	0	0	0	0	4.93%
4	56.14107(a)	69	5	0	1	0	0	0	0	0	4.41%
5	56.12028	53	0	0	1	2	0	0	0	0	3.39%
6	56.14100(b)	47	4	0	6	0	0	0	0	0	3.01%
7	56.12032	44	1	0	0	3	0	0	0	0	2.82%
8	47.44(b)	36	0	0	0	0	0	0	0	0	2.30%
9	56.20003(a)	35	10	0	1	0	0	0	0	0	2.24%
10	56.14132(a)	34	4	0	4	0	0	0	0	0	2.18%
11	56.12008	29	2	0	0	0	0	0	0	0	1.86%

Mike Jackley – Peru Field Office

(815) 223-0697

jackley.michael@dol.gov

Violations Calendar Year	Primary Canvass Grouping	Mine Type (Mines)	30 CFR	Subtitle	Violations	Percent of Total
<u>2023</u>	<u>Stone</u>	<u>Facility</u> ▾	56.20003(a)	Housekeeping.	834	0.87%
			56.12004	Electrical conductors.	392	0.41%
			56.14112(b)	Construction and maintenance of guards.	327	0.34%
			56.12032	Inspection and cover plates.	311	0.33%
			56.14107(a)	Moving machine parts.	232	0.24%
			56.11001	Safe access.	207	0.22%
			56.12028	Testing grounding systems.	197	0.21%
			56.14100(b)	Safety defects; examination, correction and records.	189	0.20%
			56.12018	Identification of power switches.	122	0.13%
			56.12030	Correction of dangerous conditions.	115	0.12%
56.14112(a)(1)	Construction and maintenance of guards.	113	0.12%			

Violations Calendar Year	Primary Canvass Grouping	Mine Type (Mines)	30 CFR	Subtitle	Violations	Percent of Total
<u>2023</u>	<u>Stone</u>	<u>Surface</u> ▾	56.14100(b)	Safety defects; examination, correction and records.	1,064	1.11%
			56.14107(a)	Moving machine parts.	979	1.02%
			56.20003(a)	Housekeeping.	912	0.95%
			56.12004	Electrical conductors.	910	0.95%
			50.30(a)	Preparation and submission of MSHA Form 7000-2 —Quarterly Employment and Coal Production Report.	908	0.95%
			56.14132(a)	Horns and back-up alarms.	682	0.71%
			56.11001	Safe access.	510	0.53%
			56.14112(b)	Construction and maintenance of guards.	487	0.51%
			56.12032	Inspection and cover plates.	459	0.48%
			56.14100(c)	Safety defects; examination, correction and records.	425	0.44%
			56.12028	Testing grounding systems.	409	0.43%
			56.14101(a) (2)	Brakes.	329	0.34%
56.4201(a) (2)	Inspection.	321	0.34%			

Violations Calendar Year	Primary Canvass Grouping	Mine Type (Mines)	30 CFR	Subtitle	Violations	Percent of Total
<u>2023</u>	<u>Sand & Gravel</u>	<u>Surface</u> ▾	56.14107(a)	Moving machine parts.	1,306	1.37%
			50.30(a)	Preparation and submission of MSHA Form 7000-2 —Quarterly Employment and Coal Production Report.	1,246	1.30%
			56.12004	Electrical conductors.	904	0.95%
			56.14100(b)	Safety defects; examination, correction and records.	703	0.74%
			56.14132(a)	Horns and back-up alarms.	693	0.73%
			56.20003(a)	Housekeeping.	499	0.52%
			56.14112(b)	Construction and maintenance of guards.	481	0.50%
			56.11001	Safe access.	454	0.48%
			56.4201(a) (2)	Inspection.	419	0.44%
			56.12032	Inspection and cover plates.	414	0.43%
			56.12028	Testing grounding systems.	398	0.42%
			56.14100(c)	Safety defects; examination, correction and records.	324	0.34%

Most Commonly Cited Standards

- **§ 56.12004 Electrical conductors.**

Electrical conductors shall be of a sufficient size and current-carrying capacity to ensure that a rise in temperature resulting from normal operations will not damage the insulating materials. Electrical conductors exposed to mechanical damage shall be protected.

- **§ 56.12028 Testing grounding systems.**

Continuity and resistance of grounding systems shall be tested immediately after installation, repair, and modification; and annually thereafter. A record of the resistance measured during the most recent tests shall be made available on a request by the Secretary or his duly authorized representative.

Most Commonly Cited Standards

■ § 56.14107 Moving machine parts.

(a) Moving machine parts shall be guarded to protect persons from contacting gears, sprockets, chains, drive, head, tail, and takeup pulleys, flywheels, couplings, shafts, fan blades, and similar moving parts that can cause injury.

(b) Guards shall not be required where the exposed moving parts are at least seven feet away from walking or working surfaces.

■ § 56.14112 Construction and maintenance of guards.

(a) Guards shall be constructed and maintained to—

(1) Withstand the vibration, shock, and wear to which they will be subjected during normal operation; and

(2) Not create a hazard by their use.

(b) Guards shall be securely in place while machinery is being operated, except when testing or making adjustments which cannot be performed without removal of the guard.

Most Commonly Cited Standards

■ § 56.14100 Safety defects; examination, correction and records.

- (a) Self-propelled mobile equipment to be used during a shift shall be **inspected** by the equipment operator before being placed in operation on that shift.
- (b) **Defects on any equipment**, machinery, and tools that affect safety shall be corrected in a timely manner to prevent the creation of a hazard to persons.
- (c) When defects make continued operation hazardous to persons, the defective items including self-propelled mobile equipment **shall be taken out of service** and placed in a designated area posted for that purpose, or a tag or other effective method of marking the defective items shall be used to prohibit further use until the defects are corrected.
- (d) Defects on self-propelled mobile equipment affecting safety, which are not corrected immediately, shall be **reported to and recorded by the mine operator**. The records shall be kept at the mine or nearest mine office from the date the defects are recorded, until the defects are corrected. Such records shall be made available for inspection by an authorized representative of the Secretary.

Most Commonly Cited Standards

■ § 56.20003 Housekeeping.

At all mining operations—

(a) Workplaces, passageways, storerooms, and service rooms shall be kept clean and orderly;

(b) The floor of every workplace shall be maintained in a clean and, so far as possible, dry condition. Where wet processes are used, drainage shall be maintained, and false floors, platforms, mats, or other dry standing places shall be provided where practicable; and

(c) Every floor, working place, and passageway shall be kept free from protruding nails, splinters, holes, or loose boards, as practicable.

Most Commonly Cited Standards

■ § 56.18002 Examination of working places.

(a) A competent person designated by the operator shall examine each working place at least once each shift before miners begin work in that place, for conditions that may adversely affect safety or health.

(1) The operator shall promptly notify miners in any affected areas of any conditions found that may adversely affect safety or health and promptly initiate appropriate action to correct such conditions.

(2) Conditions noted by the person conducting the examination that may present an imminent danger shall be brought to the immediate attention of the operator who shall withdraw all persons from the area affected (except persons referred to in section 104(c) of the Federal Mine Safety and Health Act of 1977) until the danger is abated.

(b) A record of each examination shall be made before the end of the shift for which the examination was conducted. The record shall contain the name of the person conducting the examination; date of the examination; location of all areas examined; and description of each condition found that may adversely affect the safety or health of miners.

(c) When a condition that may adversely affect safety or health is corrected, the examination record shall include, or be supplemented to include, the date of the corrective action.

(d) The operator shall maintain the examination records for at least one year, make the records available for inspection by authorized representatives of the Secretary and the representatives of miners, and provide these representatives a copy on request.



MSHA Accidents



MSHA Accident Fatality Data 2025

Mining Fatalities by Accident Classification

<input checked="" type="radio"/> (All) <input type="radio"/> COAL <input type="radio"/> M/NM				
Metrics	Fatalities by Year			
Calendar Year	2025			Total
Accident Classification	Facility	Surface	Underground	
ELECTRICAL		1	1	2
EXPLOSIVES AND BREAKING AGENTS		1		1
FALLING/SLIDING/ROLLING MATERIALS		2		2
FALL OF FACE/RIB/PILLAR/SIDE/HIGHWALL		1	1	2
FALL OF ROOF OR BACK			2	2
POWERED HAULAGE	2	8	2	12
HOISTING	1			1
MACHINERY		4		4
SLIP OR FALL OF PERSON	1			1
Total	4	17	6	27

*29 listed on MSHA website as of 12/2/2025

MSHA Accident Fatality Data 2025

Mining Fatalities by Accident Classification

(All)
 COAL
 M/NM

Metrics	Fatalities by Year			Total
	2025			
Calendar Year	Facility	Surface	Underground	
Accident Classification				
ELECTRICAL		1	1	2
EXPLOSIVES AND BREAKING AGENTS		1		1
FALLING/SLIDING/ROLLING MATERIALS		2		2
FALL OF ROOF OR BACK			2	2
POWERED HAULAGE	2	8	1	11
MACHINERY		3		3
SLIP OR FALL OF PERSON	1			1
Total	3	15	4	22

MSHA Accident Fatality Data 2025

Mining Fatalities by Accident Classification

<input type="radio"/> (All) <input checked="" type="radio"/> COAL <input type="radio"/> M/NM				
Metrics	Fatalities by Year			
Calendar Year	2025			Total
Accident Classification	Facility	Surface	Underground	
FALL OF FACE/RIB/PILLAR/SIDE/HIGHWALL		1	1	2
POWERED HAULAGE			1	1
HOISTING	1			1
MACHINERY		1		1
Total	1	2	2	5

MSHA Accident Fatality Data 2024

Mining Fatalities by Accident Classification

(All)
 COAL
 M/NM

Metrics	Fatalities by Year			Total
	2024			
Calendar Year	Facility	Surface	Underground	
Accident Classification				
ELECTRICAL	1	1		2
FALL OF FACE/RIB/PILLAR/SIDE/HIGHWALL		1		1
FALL OF ROOF OR BACK			3	3
FIRE		1		1
POWERED HAULAGE	1	8	3	12
MACHINERY		3	1	4
SLIP OR FALL OF PERSON	1	2		3
OTHER		2		2
Total	3	18	7	28

MSHA Accident Fatality Data 2024

Mining Fatalities by Accident Classification

(All)
 COAL
 M/NM

Metrics	Fatalities by Year			Total
	2024			
Calendar Year	Facility	Surface	Underground	
Accident Classification				
ELECTRICAL	1	1		2
FALL OF FACE/RIB/PILLAR/SIDE/HIGHWALL		1		1
FIRE		1		1
POWERED HAULAGE		6	1	7
MACHINERY		2		2
SLIP OR FALL OF PERSON	1	2		3
OTHER		2		2
Total	2	15	1	18

MSHA Accident Fatality Data 2024

Mining Fatalities by Accident Classification

(All) COAL M/NM

Metrics	Fatalities by Year			Total
	2024			
Calendar Year	Facility	Surface	Underground	
Accident Classification				
FALL OF ROOF OR BACK			3	3
POWERED HAULAGE	1	2	2	5
MACHINERY		1	1	2
Total	1	3	6	10

November 22, 2025 Fatality

Accident Classification: Handling Material

Location: Carlsbad Plant - Carlsbad, NM

Mine Controller: Texas United Corp

Mine Type: Surface

Mined Material: Salt

November 8, 2025 Fatality

Accident Classification: Inundation

Location: Rolling Thunder Mine - Swiss, West Virginia

Mine Controller: Alpha Metallurgical Resources Inc

Mine Type: Underground

Mined Material: Coal (Bituminous)

Preliminary Report for 11/8/2025

November 6, 2025 Fatality

Accident Classification: Powered Haulage

Location: Mountain View Mine - Davis, West Virginia

Mine Controller: Alliance Resource Partners LP

Mine Type: Underground

Mined Material: Coal (Bituminous)

Preliminary Report for 11/6/2025

October 28, 2025 Fatality

Accident Classification: Powered Haulage

Location: FEC Quarry - Miami, Florida

Mine Controller: Cemex S A

Mine Type: Surface

Mined Material: Crushed Broken Limestone NEC

Preliminary Report for[10/28/2025](#)

October 16, 2025 Fatality

Accident Classification: Slip or Fall of Person

Location: MLC - Bonne Terre - Bonne Terre, Missouri

Mine Controller: HBM Holdings Company

Mine Type: Facility

Mined Material: Lime

Preliminary Report for[10/16/2025](#)

September 29, 2025 Fatality

Accident Classification: Powered Haulage

Location: Goldrush - Crescent Valley, Nevada

Mine Controller: Barrick Nevada Holding LLC; Newmont USA

Mine Type: Underground

Mined Material: Gold Ore

Preliminary Report for[9/29/2025](#)

September 13, 2025 Fatality

Accident Classification: Electrical

Location: Tower Rock St Co St Genevieve Fa - Ste. Genevieve, Missouri

Mine Controller: Jay E Luhr; Michael Luhr

Mine Type: Surface

Mined Material: Crushed Broken Limestone NEC

[Preliminary Report for 9/13/2025](#)

[Fatality Alert for 9/13/2025](#)

September 8, 2025 Fatality

Accident Classification: Powered Haulage

Location: Lynch Corp - Providence, Rhode Island

Mine Controller: Stephen P Lynch Jr; David C Lynch

Mine Type: Surface

Mined Material: Construction Sand and Gravel

[Preliminary Report for 9/8/2025](#)

[Fatality Alert for 9/8/2025](#)

September 2, 2025 Fatality

Accident Classification: Fall of Roof or Back

Location: Torrance Mine (UG) - Westmoreland, Pennsylvania

Mine Controller: Heidelberg Materials AG

Mine Type: Underground

Mined Material: Crushed Broken Limestone NEC

[Preliminary Report for 9/2/2025](#)

[Fatality Alert for 9/2/2025](#)

August 26, 2025 Fatality

Accident Classification: Hoisting

Location: Marfork Processing - Raleigh, West Virginia

Mine Controller: Alpha Metallurgical Resources Inc

Mine Type: Facility

Mined Material: Coal (Bituminous)

[Preliminary Report for 8/26/2025](#)

[Fatality Alert for 8/26/2025](#)

August 25, 2025 Fatality

Accident Classification: Powered Haulage

Location: Colt Rock and Lime, LLC - Scott City - Scott, Missouri

Mine Controller: Brad B Gipson, Cade E Smith

Mine Type: Surface

Mined Material: Crushed Broken Limestone NEC

[Preliminary Report for 8/25/2025](#)

[Fatality Alert for 8/25/2025](#)

August 7, 2025 Fatality

Accident Classification: Powered Haulage

Location: 202501 - Rockland, Michigan

Mine Controller: Rick Trapp, Nick Trapp

Mine Type: Surface

Mined Material: Construction Sand and Gravel

[Preliminary Report for 8/7/2025](#)

[Fatality Alert for 8/7/2025](#)

July 29, 2025 Fatality

Accident Classification: Machinery

Location: Academy Black - Clovis, CA

Mine Controller: Patrick Alexander

Mine Type: Surface

Mined Material: Dimension Granite

Preliminary Report for 7/29/2025

Fatality Alert for 7/29/2025

July 26, 2025 Fatality



Accident Classification: Electrical

Location: Stillwater Mine - Stillwater, Montana

Mine Controller: Sibanye Stillwater Limited

Mine Type: Underground

Mined Material: Platinum Group Ore

Preliminary Report for 7/26/2025

Fatality Alert for 7/26/2025

July 12, 2025 Fatality

Accident Classification: Powered Haulage

Location: Pueblo Plant & Quarry - Pueblo Colorado

Mine Controller: GCC SAB de CV

Mine Type: Facility

Mined Material: Cement

Preliminary Report for 7/12/2025

Fatality Alert for 7/12/2025

July 12, 2025 Fatality

Accident Classification: Fall of Roof or Back

Location: Young Mine - Jefferson, Tennessee

Mine Controller: Nyrstar Tennessee Mines, Strawberry Plains LLC

Mine Type: Underground

Mined Material: Zinc

[Preliminary Report for 7/12/2025](#)

[Fatality Alert for 7/12/2025](#)

June 15, 2025 Fatality

Accident Classification: Machinery

Location: Coleman Quarry - Atoka, Oklahoma

Mine Controller: Peter R Dawson

Mine Type: Surface

Mined Material: Construction Sand and Gravel

[Preliminary Report for 6/15/2025](#)

[Fatality Alert for 6/15/2025](#)

May 19, 2025 Fatality

Accident Classification: Powered Haulage

Location: Silver Lake Mine - San Bernardino, California

Mine Controller: Scott R Descher

Mine Type: Surface

Mined Material: Iron Ore

MSHA was informed of a miner's death at the Silver Lake Mine in San Bernardino, CA. MSHA's investigation team conducted an examination of the scene, interviewed miners and mine management, and reviewed relevant conditions and work practices. The investigation did not reveal any environmental, physical, or violative conditions that contributed to the accident. Therefore, MSHA referred this matter to the agency's Chargeability Review Committee which reviewed the death certificate and MSHA's accident investigation findings and determined that the fatality is not chargeable to the mine operator.

May 1, 2025 Fatality

Accident Classification: Falling, Rolling, or Sliding Rock or Material of Any Kind

Location: Signal Peak Silica of Atascosa - Atascosa, Texas

Mine Controller: Orchard Global Asset Management, LLP

Mine Type: Surface

Mined Material: Sand industrial NEC

[Preliminary Report for 5/1/2025](#)

[Fatality Alert for 5/1/2025](#)

March 28, 2025 Fatality

Accident Classification: Powered Haulage

Location: South Plant - Washington, Kansas

Mine Controller: Manetha Holle; Jay Holle

Mine Type: Surface

Mined Material: Construction Sand and Gravel

[Preliminary Report for 3/28/2025](#)

[Fatality Alert for 3/28/2025](#)

[Final Report for 3/28/2025](#)

March 5, 2025 Fatality

Accident Classification: Explosives and Breaking Agents

Location: Calhoun Quarry #1 - Jersey, Illinois

Mine Controller: Jerome Sievers

Mine Type: Surface

Mined Material: Crushed Broken Limestone NEC

[Preliminary Report for 3/5/2025](#)

[Fatality Alert for 3/5/2025](#)

[Final Report for 3/5/2025](#)

March 5, 2025 Fatality

Accident Classification: Powered Haulage

Location: ARROWOOD - Mecklenburg, North Carolina

Mine Controller: Martin Marietta Materials Inc

Mine Type: Surface

Mined Material: Crushed Broken Granite

[Preliminary Report for 3/5/2025](#)

[Fatality Alert for 3/5/2025](#)

[Final Report for 3/5/2025](#)

February 28, 2025 Fatality

Accident Classification: Fall of Face, Rib, Side or Highwall

Location: Black Eagle - Raleigh, West Virginia

Mine Controller: Alpha Metallurgical Resources Inc

Mine Type: Underground

Mined Material: Coal (Bituminous)

[Preliminary Report for 2/28/2025](#)

[Fatality Alert for 2/28/2025](#)

[Final Report for 2/28/2025](#)

February 22, 2025 Fatality

Accident Classification: Powered Haulage

Location: GCC Dacotah Inc - Pennington, South Dakota

Mine Controller: GCC SAB de CV

Mine Type: Facility

Mined Material: Cement

[Preliminary Report for 2/22/2025](#)

[Fatality Alert for 2/22/2025](#)

[Final Report for 2/22/2025](#)

February 12, 2025 Fatality

Accident Classification: Machinery

Location: CCU Sexton Strip - Harrison, Ohio

Mine Controller: Charles C Ungurean

Mine Type: Surface

Mined Material: Coal (Bituminous)

Preliminary Report for 2/12/2025

Fatality Alert for 2/12/2025

Final Report for 2/12/2025

January 30, 2025 Fatality

Accident Classification: Powered Haulage

Location: Salado Operations, Florence - Williamson, Texas

Mine Controller: Dos Rios Partners, LP; Dos Rios Partners - A, LP

Mine Type: Surface

Mined Material: Dimension Stone NEC

Preliminary Report for 1/30/2025

Fatality Alert for 1/30/2025

Final Report for 1/30/2025

January 30, 2025 Fatality

Accident Classification: Machinery

Location: Ellinger Sand & Gravel - Fayette, Texas

Mine Controller: Ruben Salinas Jr

Mine Type: Surface

Mined Material: Construction Sand and Gravel

Preliminary Report for 1/30/2025

Fatality Alert for 1/30/2025

Final Report for 1/30/2025

January 29, 2025 Fatality

Accident Classification: Fall of Face, Rib, Side or Highwall

Location: Twilight Mtr Surface Mine - Boone, West Virginia

Mine Controller: Lexington Coal Company LLC

Mine Type: Surface

Mined Material: Coal (Bituminous)

Preliminary Report for 1/29/2025

Fatality Alert for 1/29/2025

Final Report for 1/29/2025

January 10, 2025 Fatality

Accident Classification: Powered Haulage

Location: Acosta Deep Mine - Somerset, Pennsylvania

Mine Controller: Quintana Capital Group GP Ltd

Mine Type: Underground

Mined Material: Coal (Bituminous)

Preliminary Report for 1/10/2025

Fatality Alert for 1/10/2025

Final Report for 1/10/2025

January 3, 2025 Fatality

Accident Classification: Falling, Rolling, or Sliding Rock or Material of Any Kind

Location: Borger Pit - Hutchinson, Texas

Mine Controller: JW Thomas, Travis Thomas, John Thomas

Mine Type: Surface

Mined Material: Construction Sand and Gravel

Preliminary Report for 1/3/2025

Fatality Alert for 1/3/2025

Final Report for 1/3/2025

Questions?

