



38th Annual Nevada Safety Olympiad

Hosted by Nevada Gold Mines Phoenix



Dear Safety Olympiad Participants,

Welcome to the 2025 Nevada Safety Olympiad hosted by Nevada Gold Mines- Phoenix and the Western Mine Rescue Association in conjunction with the Winnemucca Convention and Visitors Authority (WCVA).

Enclosed you will find all the information you will need to complete the registration for the 38th Annual Safety Olympiad. The date of the contest is July 9-11, 2025. The event will take place at the Winnemucca Events Complex.

Please fill out the team registration form for additional coins, banquet tickets, hats, and shirts. Make sure you include the signed waiver form for each team member.

Deadline for registration is June 12th, 2025

Please email completed registration forms to: shanna@winnemucca.com

To make a registration payment by card:

[CLICK HERE TO MAKE REGISTRATION PAYMENT ONLINE](#)

If paying by check, make checks payable to WCVA and send to:

Winnemucca Convention Center

Attn. Shanna Dangel

50 W Winnemucca Blvd

Winnemucca NV, 89445

A registration form, equipment list, and rules for the competition are enclosed for your use. The competition will be limited to the first fourteen (14) teams that register on a first come first serve basis. The order in which the registrations are received will determine the order that the teams will compete on Thursday.

If you have any questions concerning the competition, please contact Kylie Payne 775-934-9073

We look forward to seeing you at the 38th Annual Safety Olympiad.

Regards,

Kylie Payne

Chief of Emergency Response

Phoenix Mine

Office: 775-635-6111

Cell: 775-934-9073

Kylie.Payne@nevadagoldmines.com

38th Annual
NEVADA SAFETY OLYMPIAD 2025
July 9-11th, 2025

Team Registration Form

Registration Fee: **\$1250** (Does not include banquet tickets or hats) (Includes 8 T-Shirts and 8 Coins)

Trainer: _____ Cell Number: _____

Company: _____ Site: _____

Address: _____

City: _____ State: _____ ZIP: _____

Member's # & Role

Team Member's Name

#1 Captain

#2 Medic

#3 Medic

#4 Rigger

#5 Rigger

#6 Utility

#7 Utility

Trainer

Alternate

Alternate

Make/Model SCBA

Team Registration		\$1250 per Team	\$1250
Coins-(8 included)	Add. Qty:	\$12 Each	\$
T Shirts- (8 included)	Sm:____ Md:____ Lg:____ XL:____ 2XL:____ 3XL:____ Add. Qty:	\$15 Each	\$
Hats (Not Included)	Qty:	\$18 Each	\$
Banquet Tickets (Not Included)	Qty:	\$65 Each	\$
Total Fee Accompanying Form			\$

Registration form, payment and waivers need to be sent to:
shanna@winnemucca.com and Kylie.Payne@nevadagoldmines.com

38th Annual
NEVADA SAFETY OLYMPIAD 2025
July 9-11th, 2025
INDIVIDUAL PARTICIPANT WAIVER
Must be Signed and Returned

Name: _____
Address: _____
Email: _____
Telephone: _____
Company Representing: _____ Site: _____

The undersigned expressly acknowledges that participating in the Nevada Safety Olympiad is a potentially dangerous activity. The undersigned further acknowledges that by participating in the activity there are known and unanticipated risks that could result in physical or emotional injury, paralysis, death, or damage to the undersigned, to property, or to third parties. The risks include, among other things: slipping and falling; falling objects; and equipment and/or facility malfunction or failure. The undersigned expressly recognizes, acknowledges, and accepts that the organizers and staff may give incomplete warnings or instructions. The undersigned freely and expressly agrees and accepts and assumes full responsibility for all risks existing in participating in the Nevada Safety Olympiad. The undersigned agrees that participating in the activity is purely voluntary, and the undersigned elects to participate in spite of the risks.

In consideration of participation in the Nevada Safety Olympiad and other opportunities and benefits being provided to the undersigned, which the undersigned acknowledges as being sufficient legal consideration to support this waiver, the undersigned hereby voluntarily releases, forever discharges, and agrees to indemnify and hold Nevada Gold Mines LLC, the Western Mine Rescue Association, the Board of Governors, the Winnemucca Convention & Visitors Authority, the City of Winnemucca and the County of Humboldt (and their respective affiliates, members, officers, directors, employees, agents, contractors, successors and assigns (collectively, the “Released Parties”)) harmless from any and all claims, demands, or causes of action, which are in any way relating to the undersigned’s participation in the Nevada Safety Olympiad, including any such claims which allege negligent acts or omissions of the Released Parties (except gross or willful negligence). The undersigned expressly agrees that the foregoing assumption of risk, release and waiver is intended to be as broad and inclusive as possible under the laws of the State of Nevada.

BY SIGNING BELOW, I ACKNOWLEDGE THAT I HAVE READ THIS WAIVER IN ITS ENTIRETY AND FULLY UNDERSTAND ITS MEANING AND PURPOSE.

Signature: _____

Print Name: _____

Date: _____

Registration form, payment and waivers need to be sent to:
shanna@winnemucca.com and Kylie.Payne@nevadagoldmines.com

Safety is our number one priority

Your safety, your team's safety, and our patient's safety

EQUIPMENT LIST

- Medical equipment necessary to perform all patient care at the EMR level
- A minimum of two fire extinguishers
- Minimum 6 fully charged SCBA's for all members including chief, clearly label with team name (Please include make/model in registration)
- Ropes, rigging, and patient packaging to raise/lower from one level to another
- Gas detection equipment
- D.O.T. Emergency Response Guidebook
- PPE – Hard hat w/ chin strap, latex gloves, harness w/fall protection, safety toe boots, rope gloves, safety glasses, and pocket mask (required for every team member)
- Fire Turnouts (all members including chiefs) clearly label with team name

Any equipment that is not normally supplied by the contest team will be supplied if needed by the host (i.e., Tripods, firefighting tools and equipment, CPR mannequins, AED).

SCBAs can be donned in any approved method found in the IFSTA Fire Essential Seventh Edition book.

Oxygen must be used until supply is depleted. The competing teams can simulate O2 administration after, but must still have a bottle and approved supply device with the patients. (Do not put mask on patients if no O2 is present)

Glove change with every patient is mandatory.

10:1 safety Factor on rope rescue is acceptable.

If your team chooses to utilize radios, upon registration you must:

- Properly identify your radios with a team identification
- Radios must be programmed according to the frequency chart listed in the references section of this registration
- Radios will be handed over to a guard at the radio check-in station during registration
- Power will be available for charging radios at the radio check-in station
- One of your radios will be handed over to a judge before competing to monitor radio traffic
- The host will provide the radio channel/frequency to use for each team

Team

Each team shall be composed of seven regular team members and a maximum of two alternates and a trainer. In the event of an unforeseen circumstance in which a regular team member cannot participate, the team coordinator will report the nature of the circumstance to the event coordinator for determination to use an alternate.

Each regular team member shall wear a number, 2" minimum in size on the left arm and/or on the hard hat with the numbers assigned as follows: 1 Captain, 2 Medic, 3 Medic, 4 Rigger, 5 Rigger, 6 Utility, 7 Utility. Any means of affixing legible numbers on the sleeve of the uniform or hard hat will be acceptable.

Teams must carry all their own equipment and must not be so cumbersome as to create a hazardous situation for any team member. Wheeled conveyances are accepted. During the contest, turnouts and SCBAs will be pre-staged at the appropriate station for the team.

Each seven-person team must report to lock-up before the start of the contest, in a location assigned by the judging committee. Teams will remain in lock-up until it is time to act on the scenario. Teams sequestered will be in a location where they will be unable to obtain any information concerning a contest scenario prior to starting the scenario. If an alternate is needed during the competition, only alternates in lock-up with the team will be able to be substituted in.

No person, except the officials, will be allowed to communicate with any team or teams in lock-up. Teams that have performed will not be permitted to return to the lock-up areas until all teams waiting to perform have left. Team members will not have access to cell phones, smart watches, or any other electronic devices during lock-up or during the competition. Violation will be grounds for team disqualification.

If you have guests, they may follow the team but are not allowed any contact or conversation with the team members. The host reserves the right to allow/restrict spectators. Again, violation will be grounds for team disqualification.

Competition

The competition will be held on three consecutive days.

Day 1 – 0700-0900 artificial high directional/artificial high anchor points course, Team check-in, written test, team building exercises (please wear attire suitable for outdoor games including water and a change of clothes if needed) and an opening ceremony.

Day 2 - Rotation of practical/skills stations where teams will be evaluated in both personal and team skills including fire, medical, rope rescue, confined space, hazmat, and triage. It is specifically designed to test both individual and team adaptability.

Day 3 - Teams will compete in a complex field problem to test multiple areas of competency. The field portion shall be representative of an emergency, which one would realistically expect to find in a surface industrial operation.

All teams are required to participate in all three days of the competition. The Western Mine Rescue Association encourages novice teams to participate. They will fall under the same rules as the other competing teams. However, if the scenario is outside the team's scope of training, they can elect to use the time as a training opportunity and take the deductions.

A maximum time limit will be set for each problem, followed by an opportunity to review deductions with the judges.

Upon completion of the problem the team will pick up all personal and team equipment and remove it from the scenario area. Non-competing alternates/trainers are permitted to assist in re-setting the teams gear but are not permitted to communicate with the competing team members.

The contest will be held regardless of the weather. We have made every effort to have the entire event indoors.

Judging

Decisions of the judges and the coordinating committee will be final.

The judges reserve the right to halt the contest or contests due to extensive delay, lack of safety pre-cautions or impractical rescue methods.

All judges and contest officials will be readily visible. Only designated sponsoring officials shall be allowed to communicate with sequestered and or performing teams or teams waiting their turn to do so. There will be no simulation of skills (i.e., blood pressure) except flow of Oxygen.

In the event of a numerical tie after the second day of competition, the team with the highest score on the field problem will be the first tie breaker. The actual time to work the problem will be the second tie breaker.

Rescue competitions are an excellent training and learning event and all of us need to remember this when it comes to having a different point of view than the judges. All concerns will be addressed, and all involved need to maintain a professional demeanor.

Surface Mine Rescue Contest

Reference Texts

Emergency Medical Responder: First on Scene – 11th Edition



Author: Chris Le Baudour(Author), J. David Bergeron(Author), Keith Wesley(Author)

Publisher: Pearson

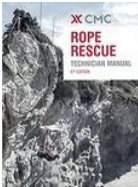
Essentials of Fire Fighting and Fire Department Operations – 7th Edition



Author: International Fire Service Training Association (IFSTA)

Publisher: Fire Protection Publications

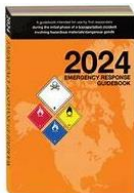
CMC Rope Rescue Manual – 6th Edition



Author: James A. Frank (Author)

Publisher CMC

D.O.T. Emergency Response Guidebook-2024



U.S. Department of Transportation

Office of Hazardous Materials Initiatives and Training

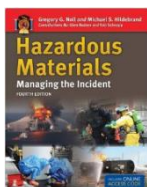
Confined Space Entry and Rescue - Revised 2nd Edition



Author: CMC Rescue

Publisher: CMC Rescue

Hazardous Materials Managing the Incident – 4th Edition



Author: Gregory G. Noll(Author), Michael S. Hildebrand(Author), Glen Rudner(Author), Rob Schnepf(Author)

Publisher: Jones & Bartlett Learning

Table 1 - UHF Frequencies

Channel	Frequency	PL	Channel	Frequency	PL
1	451.8000	71.9	9	466.1375	146.5
2	456.8000	82.5	10	469.5625	156.7
3	461.0375	94.8	11	461.0850	167.9
4	461.1375	103.5	12	469.5000	179.9
5	462.7625	110.9	13	461.0625	192.8
6	462.8375	118.8	14	464.5000	210.7
7	464.5500	127.3	15	466.0875	225.7
8	466.0375	136.5	16	469.5500	241.8

All Frequencies will have a PL code set for transmit and receive of 94.8 Hz.

All Frequencies will be set to "Low Power" and "Narrow Band"

Table 2 - VHF Frequencies

Channel	Frequency
1	151.505
2	151.625
3	154.5275

Name	Hydrogen	Hydrogen Cyanide	Methane	Ammonia	Acetylene	Carbon Monoxide	Nitrogen	Air
Symbol	H ₂	HCN	CH ₄	NH ₃	C ₂ H ₂	CO	N ₂	AIR
Specific Gravity	0.0695	0.0941	0.55	0.6819	0.91	0.967	0.97	1
Source or How Generated	Battery Charging, Electrolysis of water	Hydrochloric Acid on Sodium Cyanide	Decay of Bacteria or Organic Matter	Heated Natural Gas through Organic Sulfur	Water Combined with Calcium	Incomplete Combustion of Diesel Exhaust	Normal Constituent of Air	20.94% O ₂ , 78.09% N ₂ , 0.03% CO ₂ & other gases
Characteristics	Colorless, Odorless, Tasteless	Smell of Bitter Almonds, Deadly Poison	Colorless, Odorless, Tasteless	Colorless, Pungent Odor, Tasteless, Poisonous	Colorless, Sweet Garlic Odor	Colorless, Odorless, Tasteless	Colorless, Odorless, Tasteless	Colorless, Odorless, Tasteless
How Detected	Lab Analysis	Odor/Detector	M.G.D.	Odor/Detector	Odor	M.G.D.	Lab Analysis	N/A
T.L.V.	None	0.001% or 10 ppm	None	0.0025% or 25 ppm	None	0.005% or 50 ppm	81% for 8 hours	None
Flammable	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Explosive	Yes (4.1% - 74%)	Yes (5.6% - 40%)	Yes (5% - 15%)	Yes (16% - 25%)	Yes (2.8% - 81%)	Yes (12.5% - 74%)	No	No

Effect	May Displace Oxygen	Paralysis of Respiratory System	Can Displace Oxygen	Irritates Eyes, Nose, Throat, Respiratory, Tract Burns	Displace Oxygen	Headache, Nausea, Death, Red skin	Can Displace Oxygen	None
Treatment	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air, O2, Get Antidote	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air O2, Artificial Respiration if Not Breathing, Flush with Water	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air O2, Artificial Respiration if Not Breathing	N/A
Name	Oxygen	Hydrogen Sulfide	Carbon Dioxide	Propane	Oxides of Nitrogen	Sulfur Dioxide	Chlorine	
Symbol	O₂	H₂S	CO₂	C₃H₈	NO₂, NO, N₂O₂, etc	SO₂	CL₂	
Specific Gravity	1.1	1.19	1.53	1.56	1.59	2.2	2.49	
Source or How Generated	Regeneration of Plant Life	Decomposition of Some Sulfur Ores	Breathing of Humans and Animals	Petroleum Distillate	Blasting Fumes, Diesel Exhaust	Blasting or Burning of Sulfide Ores	Electrolysis of Common salt	
Characteristics	Colorless, Odorless, Tasteless	Colorless, Rotten Egg Smell, Poisonous	Colorless, Odorless, Acid Taste, High Concentration	Colorless, Commercially Scented, Tasteless	Reddish Color, Odorless, Tasteless, Poisonous	Colorless, Sulfur Odor, Acid Taste, Poisonous	Greenish Yellow Gas	
How Detected	Detector	Odor/Detector	M.G.D.	Methanometer	Detector	Odor/Detector	Odor	
T.L.V.	18% for 8 hours	0.001% or 10 ppm	0.5% or 5000 ppm	0.1% or 1000 ppm	0.0003% or 3 ppm	0.0002% or 2 ppm	0.0001% or 1 ppm	
Flammable	No	Yes	No	Yes	No	No	No	
Explosive	No	Yes (4.3% - 45%)	No	Yes (2.4% - 9.5%)	No	No	No	
Effect	None	Deadens Sense of Smell	May Displace Oxygen	Displaces Oxygen	Toxic Edema of the Lungs	Irritating to Eyes & Throat	Corrosive Irritant to the Eyes	
Treatment	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air O2, Artificial Respiration if Not Breathing	Fresh Air O2, Artificial Respiration if Not Breathing	