



Dear Safety Olympiad Participant,

Welcome to the 2021 Elko Safety Olympiad hosted by Kinross Bald Mountain and the Nevada Mining Association in conjunction with the Elko Convention and Visitors Authority (ECVA). The Safety Olympiad is scheduled for July 29-31, 2021.

Enclosed you will find all the information you will need to register for the 34th Annual Safety Olympiad.

Please fill out the team registration form and the “special order” form for additional coins, banquet tickets, hats and shirts. **Make sure you include the signed waivers for each team member.** Please make payment payable to KG Mining (Bald Mountain), Inc. **All fees and forms must be received by or before June 1, 2021.**

Please send payment to:

**KG Mining (Bald Mountain)
435 Jiggs Highway, Unit 16
Spring Creek, NV, 89815.**

The attached Safety Olympiad Rules, adopted by the Nevada Mine Rescue Association, are the official rules of the Safety Olympiad

This year in lieu **Fun Day (optional)**, we will be looking into an activity that will keep in line with Covid-19 restrictions. Registration will still be held at the Elko Convention Center at 9 am the 29th in the auditorium with teams be released after that. Only team captains and trainers will be allowed at the convention center for registration.

There will also be changes to the banquet and awards ceremony to keep in line with Covid-19 restrictions. Those details will be communicated at a later date.

If you have any questions concerning the competition, please contact Jason Cooley (775) 397-1720

We are looking forward to seeing you again this year Olympiad

Regards,

**Jason Cooley
Kinross Bald Mountain
Health & Safety Supervisor
Direct 775.237.5895
Cell: 775.397.1720
Jason.Cooley@kinross.com**

34rd Annual
ELKO SAFETY OLYMPIAD 2021
July 29-31, 2021
Team Registration Form

Registration Fee: \$750.00 (Does not include banquet tickets) (Includes 8 T Shirts and 8 coins)

COMPANY: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

TELEPHONE: _____ FAX: _____

Person in charge at your operation: _____

Name and title of (Safety Director, Safety Coordinator, etc.) at your operation: _____

Team Name: _____

Team Members:	<u>Name</u>	<u>Normal job function at work</u>
Captain:	_____	_____
Co-Captain:	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
Team Trainer:	_____	_____

Registration fees are due by June 1, 2021.
Please send Registration Fee of \$750.00, along with registration form and waivers to:

KG Mining (Bald Mountain), Inc.
435 Jiggs highway, unit 16, Spring Creek, NV, 89815
(775) 237-5924 or (775) 401-0506

34rd Annual
ELKO SAFETY OLYMPIAD
July 29-31, 2021

INDIVIDUAL PARTICIPANT WAIVER
MUST BE SIGNED & RETURNED

DATE: _____

NAME: _____

ADDRESS: _____

TELEPHONE: _____

COMPANY REPRESENTING: _____

I, THE UNDERSIGNED, DO HEREBY RELEASE all individuals, agencies, and companies, including the Sponsoring Mine, Nevada Mine Rescue Association, the Board of Governors, ECVA Staff, and its agents and representatives from any and all claims whatsoever for injuries and/or damage sustained as a result of competing in the above-named contest. I further waive all rights of litigation against the above-named individuals, agents, and facility, namely the Elko Convention & Visitors Authority, the City of Elko, and the County of Elko, and I waive this right freely and of my own accord against any and all parties, directly or indirectly involved in conducting the above-named contest.

PARTICIPANT

INCLUDE WITH REGISTRATION FORM OR MAIL TO:
KG Mining (Bald Mountain)
435 Jiggs Highway, Unit 16
Spring Creek, NV, 89815.

2021 34rd ANNUAL SAFETY OLYMPIAD
JULY 29-31, 2021
Special Item Order Form
Coins, T-Shirts, Hats, Awards Banquet

NAME: _____ TELEPHONE: _____

COMPANY: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

34rd Annual Awards Banquet

Information for the 34rd Annual 2021 Safety Olympiad Awards Presentation on July 31, 2021 will be communicated at a later date.

Coins

Coins will be provided for team trainer(s) and the seven-team members. Additional coins may be purchased at a cost of \$12.00 each.

Number of Additional Coins: _____ @ \$12.00 each = Total \$ _____

T-Shirts

Shirts will be provided for team trainer(s) and the seven-team members. Indicate the size and number of shirts your organization would like to purchase at a cost of \$20.00 each.

T-Shirts _____ M _____ L _____ XL _____ XXL

Number of T-Shirts: _____ @ \$20.00 each = Total \$ _____

Baseball Caps

Indicate the number of caps your organization would like to purchase, cost is \$18.00 each.

Number of Caps: _____ @ \$18.00 each = Total \$ _____

TOTAL AMOUNT ENCLOSED: \$ _____

Please send check to:
KG Mining (Bald Mountain), Inc.
435 Jiggs Highway, Unit 16, spring creek, NV, 89815

GENERAL ELKO SAFETY OLYMPIAD RULES

*Revised January 2016

Nevada Mine Rescue Association

1. A review committee composed of the Nevada Mine Rescue Association members will be established upon request. The purpose of this committee shall be to review any questions or exceptions that anyone may have regarding any issues pertinent to overall competition rules. In all cases, the decision of the review committee shall be final.

Sponsoring Company

1. The sponsoring company will appoint one individual to be the Safety Olympiad Coordinator. The Safety Olympiad Coordinator will be the final authority during the annual competition.
2. The sponsoring company and the Safety Olympiad Coordinator will appoint the coordinating committee.
3. The coordinating committee will appoint a Chief Judge and the rest of the judging staff, to include a Field Judge and a Medical Judge. The judging staff will be determined to be proficient in the areas that they will be judging.
4. Decisions of the judges and the coordinating committee will be final, with the exception of a review request by the team captain.
5. The judges and the coordinating committee reserve the right to halt the contest or contests due to extensive delay, lack of safety pre-cautions or impractical rescue methods. If a team is allowed to resume, they will not be penalized for any time taken to make a decision.
6. All judges and contest officials will be readily visible. Only designated sponsoring Olympiad Officials (either judges or contest officials) shall be allowed to communicate with sequestered and/or performing teams or teams waiting their turn to do so.
7. The competition shall be composed of two segments held on two consecutive days. A practical will be held on the first day and the field portion on the second day. All teams and team members shall participate in both segments.
8. The coordinating committee will pick up all score sheets immediately after each problem. All score sheets will then be tabulated by a separate committee of judges.
9. A review committee composed of the Olympiad Coordinators and Chief Judge will be established. The purpose of this committee shall be to review any questions or exceptions that a team may have regarding the way the team was scored in the practical. In all cases, the decision on the review committee shall be final.
10. In the event of a numerical tie after the second day of competition;
 - The team score on the Field Judge component sheets will be the first tie breaker.
 - The team score on the Medical Judge component sheets will be the second tie breaker.
 - The actual time to work the problem will be the third tie breaker.
11. The contest will be held regardless of the weather.
12. Specialty equipment not listed in the equipment section will be the responsibility of the sponsoring company. (See Competition Rules #4)

Team Rules

1. Each team shall be composed of seven regular team members and a maximum of two alternates. 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 sponsoring Olympiad Coordinator for determination to use an alternate. The Olympiad Coordinator will decide whether the use of an alternate is valid and that decision will be final.
2. Each regular team member shall wear a number (2" minimum in size) on their left arm at or near the shoulder, and/or hardhat with Number One being assigned to the Captain. Any means of affixing legible numbers on the sleeve of the uniform or hard hat will be acceptable.
3. Each team member must wear a protective hard hat (complete with chin strap), safety shoes, safety glasses and appropriate fall protection.
4. Team members may carry any personal equipment that they may deem necessary. However, the equipment must be evenly distribute among the team members and must not be so cumbersome as to create a hazardous situation for any team member.
5. Prior to the contest, teams will meet with the Coordinating Officials, to find out what order they will compete. The order will be determined by receipt of registration. **Only the team captains will be allowed to ask questions of the officials during the briefing.**
6. Each seven person team, **including alternate(s)**, must report to isolation before the start of the contest, in a location assigned by the judging committee. Teams will remain continuously sequestered until 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. No person, except the Olympiad Officials, will be allowed to communicate with any team or teams in isolation. Teams that have performed will not be permitted to return to the isolation areas. **Teams and/or any team representative** that have performed will not be permitted to return to the isolation areas. Team members will not have access to cell phones, pagers, or any other electronic devises during lock-up or during competition. Violation will be grounds for team disqualification.
7. A maximum time limit will be set for each problem. Scoring will be given only on that part of the problem completed.
8. Upon completion of the problem the team will pick up all personnel and team equipment and remove it from the scenario area.
9. After the team has removed equipment and supplies from the field, **(at the discretion of the sponsoring Coordinating Committee)** a written report will be submitted within 30 minutes and turned into the contest officials.

Equipment Rules

1. Competing teams must furnish the following equipment:
 - A. Wheeled Conveyances **(allowed but not required)**.
 - B. Medical equipment necessary to provide adequate patient care at the **Emergency Medical Responder** level.
 - C. Equipment that will facilitate the raising or lowering of a person from one level to another at a **Safety Factor of 10:1, Minimum**.
 - D. **Four (4)** fully charged self-contained breathing apparatus with mask.
 - E. Functional multi-gas detector.
 - F. **Four (4)** full sets of bunker gear
 - G. **Two (2)** charged ready to use 20# fire extinguishers
2. There are **NO** equipment limits based on weight, height or width.
3. Each team, **7 members only**, are responsible for moving their equipment from place to place. Any equipment left behind at any time due to weight, space constraints, obstruction or any other obstacle, will not be returned to team for any future use or station.

Competition Rules

1. The practical portion shall be designated to demonstrate knowledge and skill that all mine rescue personnel should possess. It should be specifically designed to test both individual and team adaptability. Areas covered in the practical portion may include either written examination or demonstration, such as:
 - A. First Aid – Triage **(E.M.R. Level)**
 - B. Cardiopulmonary Resuscitation
 - C. Patient Assessment
 - D. Oxygen and related equipment use
 - E. Fire Fighting
 - F. Ropes & Knots
 - G. Scene Assessment
 - H. Extrication
 - I. Search & Rescue Techniques
 - J. High Angle Rescue Techniques
 - K. Confined Space
 - L. Hazmat Awareness
2. Each team practical score will determine which position each team will compete in for the field segment. If there is enough team participation two flights maybe warranted. The highest scoring teams in the practical segment will be grouped in the upper flight and if possible an equal number of teams will be in the lower flight. 25% of each team practical total points will be carried over to be added to the field score total.
3. The field portion shall be representative of an emergency, which one would realistically expect to find in a surface mining operation. The seven regular team members shall participate in the field problem. For exceptions see **Team Rule #1**.
4. **For such items as; communications for confined space problems, tripods, pickets, ladders and equipment normally not carried by Field Surface Rescue Operations Personnel, it will be the responsibility of the Sponsoring Company to provide. Unless otherwise noted.**

Surface Mine Rescue Competition

Reference Texts

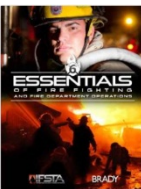
Emergency Medical Responder: First on Scene – 10th Edition



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

Publisher: Brady Book / Prentice Hall
1-800-638-0220

Essentials of Fire Fighting and Fire Department Operations – 6th Edition



Author: International Fire Service Training Association (IFSTA)

Publisher: Brady Book / Prentice Hall
1-800-226-5367

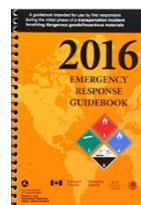
CMC Rope Rescue Manual – Forth Edition Revised



Author: James A. Frank(Author)

Publisher: CMC

D.O.T. Emergency Response Guidebook-2016



U.S. Department of Transportation

Office of Hazardous Materials Initiatives and Training

1-202-336-4900

Confined Space Entry and Rescue - Revised 2nd Edition



Author: CMC Rescue

Publisher: CMC Rescue

1-800-235-5741

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

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 Carbide	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/Dectector	M.G.D.	Odor/Dectector	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 O ₂ , Artificial Respiration if Not Breathing	Fresh Air, O ₂ , Get Antidote	Fresh Air O ₂ , Artificial Respiration if Not Breathing	Fresh Air O ₂ , Artificial Respiration if Not Breathing, Flush with Water	Fresh Air O ₂ , Artificial Respiration if Not Breathing	Fresh Air O ₂ , Artificial Respiration if Not Breathing	Fresh Air O ₂ , Artificial Respiration if Not Breathing	N/A

