



HEAD-TO-TOE SAFETY SOLUTIONS FOR OIL & GAS INDUSTRY

The oil and gas industry faces significant risks, including exposure to hazardous chemicals, fire and explosion hazards, falls from height, and equipment-related injuries. Harsh environments, high-pressure systems, and heavy machinery highlight the critical need for stringent safety protocols, protective gear, and specialized training.

185

TOTAL FATAL OCCUPATIONAL
INJURIES - CONTACT
INCIDENTS IN 2023 - NATURAL
RESOURCES AND MINING

561

TOTAL FATAL
OCCUPATIONAL INJURIES
IN 2023 - NATURAL
RESOURCES AND MINING

82,366

WORK-RELATED SEVERE
INJURIES BETWEEN
2015 TO 2022

17.9%

SEVERE INJURY REPORTS
INVOLVED A LOWER
EXTREMITY BETWEEN
2015 TO 2022

42.6%

ALL SEVERE INJURY
REPORTS INVOLVED AN
UPPER EXTREMITY BETWEEN
2015 TO 2022

57%

WORKERS EXPERIENCED THE
MOST HOSPITALIZATIONS
BETWEEN 2015 TO 2022

CDC | niosh.gov | osha.gov

WORK SITE AREA



OFFSHORE RIGS
& PLATFORMS



REFINERY &
PROCESSING PLANTS



PIPELINE CONST
& MAINTENANCE



OIL SANDS &
EXTRACTION SITES



STORAGE &
DISTRIBUTION



FRACKING &
DRILLING

HAZARDS & RISK



WORKING AT
HEIGHTS



HEAD,
FACE & EYE



LOW
VISIBILITY



ELECTRICAL
HAZARDS



FOOT
INJURY



FATIGUE/
ERGO RISKS



SLIPS,
TRIPS, FALLS



FAULTY
TOOLS AND
EQUIPMENT

SAFETY SOLUTIONS



FALL PROTECTION

- Latest ANSI-Certified SRLs
- Ergonomic designs for all-day comfort
- Confined space solutions



HEAD & FACE PROTECTION

- Meets & exceeds ANSI Safety Standards
- Proprietary solutions
- Ergonomic designs
- Interchangeable components



WORKWEAR & ELECTRICAL SAFETY

- Robust, rigorously tested workwear
- Arc Flash PPE
- Compliant electrical safety solutions



FOOTWEAR & TRACTION

- Meets & exceeds ASTM F2413-18 Standards
- Extended width and size solutions
- Reduce pain and fatigue



LIFTING EQUIPMENT

- Fleet Service and Maintenance
- Stable and controlled lifting
- Ease of operation
- Diversified offering



ERGONOMIC FALL PROTECTION SOLUTION

Falls from height are a major hazard in the oil and gas industry, especially on rigs, platforms, refineries, and pipelines. Without proper fall protection, workers face serious risks when operating on elevated structures, scaffolding, or slippery surfaces in high-risk environments.

- **Ergonomic Harnesses:** Contoured padding reduces fatigue for long-lasting comfort and can improve compliance.
- **Compliance & Safety:** Meets OSHA, ANSI, and CSA standards.
- **Superior Safety:** Trauma straps and wear indicators prevent injuries.
- **Shock-Absorbing Lanyards:** Reduce fall impact and offer flexibility.
- **User-Friendly Connectors:** Lightweight, secure, and corrosion-resistant.
- **Enhanced Worksite Efficiency:** Ergonomic designs boost comfort and productivity.

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SLIPS,
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FAULTY
TOOLS AND
EQUIPMENT



FALLS FROM
ELEVATED
PLATFORMS



IMPROPER TIE-
OFFS



CLIMBING AND
ACCESS RISKS



SLIPPERY/UN-
EVEN SURFACES



UNSECURED
TOOLS AND
EQUIPMENT



INADEQUATE FALL
ARREST SYSTEMS

MORE FALL PROTECTION SOLUTIONS



SELF-RETRACTING LIFELINES

- Quick braking to minimize fall distance.
- Corrosion-resistant and durable housing.
- Lightweight, compact design for ease of use.
- High-strength cables and impact indicators for reliability.
- Meets ANSI Z359.14-2021 and OSHA requirements.



LIFELINES AND ROPE GRABS

- Auto-locking, adjustable for secure positioning.
- High-strength, abrasion-resistant lifelines.
- Corrosion-resistant, durable materials.
- Simple installation for varying heights.
- ANSI and OSHA compliant.



FULL-BODY HARNESSES & BELTS

- Ergonomic design to for enhanced comfort.
- Stab Lock buckles for quick donning.
- High-visibility two-tone design
- Five adjustment points for secure fit.
- ANSI Z359.11 and CSA Z259.10 certified.



JACKSON[®] sellstrom.

PPE AND WELDING SOLUTIONS

Above-the-neck safety is essential in the oil and gas industry to protect workers from falling debris, chemical splashes, and high-noise environments. Critical protective gear includes hard hats, safety goggles, face shields, and hearing protection to reduce injury risks in hazardous worksites.



- **Proven Expertise:** Nearly a century of leadership in safety solutions.
- **Innovative Designs:** Feature-rich products enhancing safety and satisfaction.
- **Comprehensive Protection:** Full range of welding, eye, face, head, and hearing protection.
- **Rigorous Testing:** Exceeds OSHA, ASTM, CSA, CE, and NIOSH standards for quality.
- **User-Centric:** Durable, comfortable designs boosting productivity in any industry.

WORK SITE AREA



HAZARDS & RISK



COMPLETE ABOVE THE NECK SAFETY SOLUTIONS



HEAD PROTECTION

- Hard Hat Interchange System for seamless integration with face shields and welding helmets.
- Compatible with other PPE for comprehensive safety.
- Meets ANSI Z89.1 standards for industrial protection.



EYE & FACE PROTECTION

- Polycarbonate face shields and anti-fog safety glasses for durability and clarity.
- Compatible with helmets and other PPE for complete protection.
- ANSI Z87.1 and CSA Z94.3 compliant for impact and splash safety.



WELDING SAFETY

- Auto-darkening helmets for better visibility and protection.
- Interchangeable with hard hats for continuous safety.
- Meets ANSI Z87.1 standards for welding protection.



SAFETY WORKWEAR SOLUTIONS

High-visibility and flame-resistant (FR) workwear are essential in the oil and gas industry to protect workers from fire hazards, improve visibility in low-light conditions, and comply with safety standards. These apparel enhance durability and provide comfort for long shifts.



- **Unmatched Safety Standards:** Meets and exceeds industry requirements such as CSA, ANSI/ISEA, NFPA and ASTM.
- **Innovative Technology:** Advanced solutions in FR, weather protection, and durability.
- **Comfort and Fit:** Diverse sizes and styles provide proper-fitting PPE for men and women.
- **All-Weather Performance:** Reliable gear for extreme environments and changing conditions.
- **Legacy of Trust:** Trusted brands with a proven history of safety leadership and expertise.

WORK SITE AREA



HAZARDS & RISK



MORE SAFETY WORKWEAR SOLUTIONS

HEATED JACKETS



- Instant warmth with the touch of a button.
- Four adjustable temperature settings.
- Hi-vis bombers, softshell jackets, and fleece hoodies.



FR ARC-RATED HOODIES

- Arc-rating starting from 10 cal/cm², meeting PPE Category 2 standards.
- Heavyweight FR fleece for warmth and safety.
- Suitable for electrical hazards
- Compliant with NFPA 70E, ASTM F1506, NFPA 2112 and NFPA 2112.

RAINWEAR



- Bright colors and reflective materials for safety in low light.
- Comfortable materials for tough jobs.
- Meets and exceeds ANSI/ISEA 107 and other industry safety standards



ELECTRICAL SAFETY SOLUTIONS

Electrical safety workwear is crucial in the oil and gas industry to protect workers from arc flashes, electrical hazards, and fire risks. Compliant with NFPA 70E and ASTM F1506, it ensures durability, enhances safety, and reduces workplace accidents in high-risk environments.



- **Standards Leadership:** Influences industry safety standards through active participation in ASTM and ANSI committees.
- **ISO Certified:** ISO 9001 accreditation ensures consistent quality and excellence.
- **Full Compliance:** Meets NFPA 70E, CSA Z462, ASTM F1506, and ANSI Z87.1 standards for maximum safety.
- **Innovative Solutions:** Advanced technologies like TCG™ lenses enhance safety and visibility.
- **Proven Expertise:** Decades of experience delivering reliable electrical safety solutions.

WORK SITE AREA



HAZARDS & RISK



MORE ELECTRICAL SAFETY SOLUTIONS



TECHNICAL SERVICES:

- Electrical Safety programs
- Training options
- Custom consulting services
- Engineering services
- Site Audits
- PPE Assessments and Testing



GAS EXTRACTION COVERALL WITH ESCAPE STRAP

- 8-Second Flash Fire Protection – Provides critical time for safe evacuation.
- Kevlar® Escape Strap – 10-ft, 3,500-lb tensile strength strap for rescue support.
- Moisture-absorbing liner, elastic waist, and knit cuffs.
- Brass zippers, reinforced knees, and flame-resistant closures.
- Made in the USA.



GAS EXTRACTION GLOVES

- Tested to ASTM F1930 for critical escape time.
- Durable aramid fabric. Lightweight, strong, and heat-resistant.
- Designed for flexibility and all-day wear.
- Made in the USA. High-quality craftsmanship for reliable protection.



SAFETY FOOTWEAR SOLUTIONS

Safety footwear in the oil and gas industry must withstand harsh conditions, heavy loads, and long shifts. Features like slip resistance, puncture protection, and anti-fatigue insoles help reduce strain, prevent injuries, and enhance worker safety in demanding environments.



- **Comprehensive Protection:** A wide range of safety toe options and features like slip-resistant soles and anti-perforation midsoles.
- **All-Day Comfort:** Ergonomic designs and cushioned insoles reduce fatigue.
- **Versatile Options:** Styles range from lightweight athletic shoes to rugged work boots.
- **Inclusive Sizing:** Available in a wide range of sizes, including larger options, to accommodate every worker.
- **Advanced Technology:** Water-resistant uppers, moisture-wicking linings, and heat resistance enhance safety and functionality.

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WORKING AT HEIGHTS



HEAD, FACE & EYE



LOW VISIBILITY



ELECTRICAL HAZARDS



FOOT INJURY



FATIGUE/ ERGO RISKS



SLIPS, TRIPS, FALLS



FAULTY TOOLS AND EQUIPMENT



IMPACT INJURIES



PUNCTURE HAZARDS



SLIPS AND TRIPS



CHEMICAL EXPOSURE



EXTREME WEATHER CONDITIONS



FATIGUE/ DISCOMFORT

MORE FOOTWEAR STYLES

AVENGER WORK BOOTS

- Built to endure tough conditions
- Available in wide sizes
- Different safety toe options available
- Meets strict safety compliance





**MEGA
COMFORT**

ERGONOMIC ANTI-FATIGUE SOLUTION

The oil and gas industry demands long shifts, heavy lifting, and repetitive tasks, increasing the risk of fatigue and musculoskeletal disorders (MSDs). Ergonomic practices, anti-fatigue insoles, and supportive footwear are essential for reducing strain and enhancing safety.



- **Ergonomic Patented Dual-Layer Memory Foam:** High-density, 100% memory foam absorbs shock.
- **Clinically Proven Comfort:** Developed and field-tested to reduce pain and fatigue.
- **Injury Prevention:** Protects against puncture injuries
- **Reduced Musculoskeletal Strain:** Alleviate pressure on joints and muscles
- **Improved Comfort and Endurance:** Relieves foot strain, enabling construction workers to remain comfortable and productive all day.

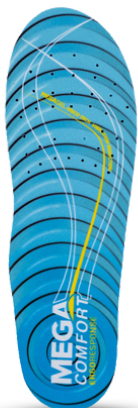
WORK SITE AREA



HAZARDS & RISK



MORE ERGONOMIC SOLUTIONS



ERGO RESPONSE

- Patented dual-layer memory foam
- Ergonomic design
- Soft, contoured arch support
- Gel enhanced cushioning
- Machine washable



ERGO FIRM SUPPORT

- Firm arch support
- Patented dual-layer memory foam
- Cost-effective orthotic alternative
- Enhanced heel stability and motion control
- Ergonomic design



ERGO THERMAL

- Solarcore Thermal Technology
- Patented dual-layer memory foam
- Ergonomic design
- Soft, contoured arch support
- Designed for cold environments



INDOOR & OUTDOOR TRACTION SOLUTIONS



In the oil and gas industry, icy surfaces, wet conditions, and uneven terrain create serious slip hazards. Traction aids provide essential grip and stability, reducing the risk of falls and injuries in extreme weather and challenging work environments.

- **Indoor and Outdoor Solutions:** Spiked and spikeless options for icy outdoor and slip-resistant indoor use.
- **Diverse Range:** Mid-sole, heel-stop, and full-foot designs for various needs.
- **Footwear Versatility:** Fits industrial boots and casual shoes for any environment.
- **Award-Winning:** Recognized for excellence in winter safety products.
- **User-Centric Design:** Enhanced comfort and functionality from professional feedback.
- **Durable and Reliable:** Built to withstand harsh conditions and ensure long-lasting safety.

WORK SITE AREA



HAZARDS & RISK



MORE TRACTION SOLUTIONS



DUE NORTH ALL PURPOSE

- Superior grip (12 tungsten carbide spikes per pair)
- Easy on/off and flexible fit
- Ladder-friendly



DUE NORTH GRIPPRO SPIKELESS

- Spikeless for grip on ice and snow without damaging indoor surfaces
- Easy on/off and flexible fit
- Ladder-friendly



K1 SERIES MID-SOLES

- Easily rotate from spikes to spikeless
- Superior grip and durability
- Available in 4 profiles and Intrinsic for hazardous environments



ALL-WEATHER PROTECTION.

Workers in the oil and gas industry face extreme weather hazards, from freezing cold to intense heat and icy surfaces. Proper safety footwear with insulation, weather resistance, and slip protection is essential to prevent frostbite, heat stress, and fall-related injuries.



- **Insulation & Waterproof Protection:** Durable nylon uppers provide 100% waterproofing and keep feet warm and dry in wet environments.
- **Enhanced Traction:** Multiple outsole options, including removable studs, provide superior grip and reduce slip risks.
- **Versatile Design:** Fits over everyday footwear, accommodating various styles and sizes.
- **Lightweight & Packable:** Easy to pack and carry, ensuring readiness for changing weather.
- **Long-Lasting Durability:** Advanced materials deliver reliable performance in extreme conditions.

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SLIPS,
TRIPS, FALLS



FAULTY
TOOLS AND
EQUIPMENT



SLIPS ON WET OR
MUDDY SURFACES



FALLS ON
UNEVEN TERRAIN



RISK OF
FROSTBITE AND
HYPOTHERMIA



ICE AND SNOW
HAZARDS



CLIMBING
RISKS



EXPOSURE TO
ELECTRICAL
HAZARDS

MORE OVERSHOE SOLUTION

EXPLORER™ INSULATED OVERBOOTS



- Insulated -29° C / -20° F
- 500 Denier nylon keeps feet dry.
- Perma outsole for secure footing.
- Lightweight and secure over existing footwear.

VOYAGER GP



- Insulated -18° C / 0° F
- Rubber with fiberglass-infused rubber GripPro™ pads
- Electrical Hazard
- Security Friendly
- Slip Resistant

NAVIGATOR 5™ EXPANDABLE INSULATED OVERBOOTS



- Insulated -29° C / -20° F
- 840 Denier woven polyester - windproof.
- Keeps feet dry in snow and slush.
- Vibram® Ninja™ aggressive tread pattern provides maximum traction and grip



LIFTING EQUIPMENT AND TOOLS

Faulty tools in the oil and gas industry can lead to electrical shocks, equipment failures, and injuries from debris or malfunctions. Regular inspection and maintenance are crucial to ensuring worker safety and preventing accidents in high-risk environments.

- **Trusted Legacy:** Decades of expertise in premium heavy-duty equipment.
- **Extensive Range:** Wide product lineup, from jacks to shop equipment.
- **Built to Last:** Durable, safe designs with heavy-gauge steel and overload protection.
- **Nationwide Support:** Hundreds of service depots across the U.S. for reliable maintenance.
- **Customer Focused:** Commitment to quality, safety, and exceptional service.

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SLIPS, TRIPS, FALLS



FAULTY TOOLS AND EQUIPMENT



HEAVY EQUIPMENT LIFTING



INSTABILITY DURING LIFTING



ERGONOMIC STRAIN



DROPPED LOAD HAZARDS



LIMITED LOAD SUPPORT



ALIGNMENT & INSTALLATION

MORE LIFTING EQUIPMENT & TOOLS

BOTTLE JACKS

- Wide lifting capacities – from 2 to 50 tons, available in manual and air-assist models for various applications.
- Heavy-duty durability – built to withstand tough conditions with rugged construction.
- Compact & portable – easy to store and transport, ideal for tight spaces.
- Enhanced safety – features overload protection and controlled lowering for secure operation.



GREASE GUN

- High-pressure performance – delivers up to 10,000 PSI for efficient lubrication.
- Heavy-duty durability – built with aluminum die-cast heads for long-lasting use.
- User-friendly design – pPistol-grip models allow easy one-hand operation.
- Versatile loading – supports 14 oz. cartridges, suction, and bulk loading.

