

THE

UTILITYSOURCE

October 2025

Products and Services for Today's Electric, Telecom, and CATV Utilities

Utility
Underground
Safety

Durable,
Long-Lasting
Cable Markers
SPEED
Underground
Fault Response



Payroll People meet at a Tradeshow



- Encrypted
- Free Demo
- Works with Excel
- 55,000 + Client
- Web Based
- Paperless
- Works with Time Clock

eMars
CERTIFIED PAYROLL COMPLIANCE

emarsinc.com
480-595-0466

ROME

Available in 10, 12, 14, and 16 foot widths



Manufacturing Heavy Duty Construction and Agricultural Equipment Since 1932

ROME Plow has been the premier name in heavy duty disc plows for over 87 years.

Available in 16, 18, 20, 24, and 30 foot widths



ROME has been manufacturing pivot dump and ejector scrapers for over 45 years for the construction and agricultural industries.



Available with 36 or 42" blades, and up to 20' wide

ROME also manufactures a full line of leveling scrapers (with and without gates) and haul road maintenance tools (with and without rollers)



Available in 18 and 22 yard versions

For more information on our products or for the closest authorized ROME dealer please contact us.

Available in 24, 28, 31, 34 and 37 Yards

770-748-4450 - www.romeplow.com



Steel Tracks available to fit any articulating tractor.

PG 4	Bucket Utility and Safety in the Utility Industry
PG 8	Durable, Long-Lasting Cable Markers SPEED Underground Fault Response
PG 16	Maintenance of Tracks on Heavy Machinery
PG 20	Utility Underground Safety
PG 26	Ad Index



THE UTILITYSOURCE

Products and Services for Today's Electric, Telecom, and CATV Utilities

Vol. 25 Issue 10

PUBLISHER

Glen Hobson
205-441-5591
glen@hfgmedia.net

ADMINISTRATIVE DIRECTOR

Steven Hobson
steven@tipsmag.net

EDITOR

Brandon Greenhill
brandongreenhill@gmail.com

CREATIVE/ WEB DIRECTOR

Jacklyn Greenhill
jghillmedia@gmail.com

SELICK Lift, Load AND DELIVER WITH SELICK!

Whether you need to deliver a skid of blocks to a jobsite or move a 16,000 lb. load of steel, Sellick has the forklift that is right for you.

We have been engineering and manufacturing rough terrain forklifts for over 50 years and our nationwide dealer network offers superior support for all your parts and service requirements.

Call toll-free or e-mail us today for all your material handling needs.



1-877-SELICK (735-5425)
sales@sellickequipment.com

P.O. Box 1568 • Pelham, AL 35124
Phone: 205-441-5591 • Fax: 205-624-2181
www.hfgmedia.net

HFG Media

The Utility Source™ is published twelve times a year on a monthly basis by HFG Media. *The Utility Source*™ is distributed free to qualified subscribers. Non-qualified subscription rates are \$57.00 per year in the U.S. and Canada and \$84.00 per year for foreign subscribers (surface mail). U.S. Postage paid at Birmingham, Alabama and additional mailing offices.

The Utility Source™ is distributed to Power, Telcom and CATV Utilities and Utility Contractors throughout the USA. Publisher is not liable for all content (including editorial and illustrations provided by advertisers) of advertisements published and does not accept responsibility for any claims made against the publisher. It is the advertiser's or agency's responsibility to obtain appropriate releases on any item or individuals pictured in an advertisement. Reproduction of this magazine in whole or in part is prohibited without prior written permission from the publisher.

POSTMASTER: Send address changes to
HFG Media P.O. Box 1568
Pelham, AL 35124
PRINTED IN THE USA

THE **NEXT** GENERATION OF BALLOON LIGHT SOLUTIONS

THE **ONLY** BALLOON LIGHT
WITH A REPLACEABLE SCREW
IN LED BULB THAT IS FIELD
SERVICEABLE IN MINUTES



Carrying Bag



LED Screw In Bulb



- PATENTED SLIDE ASSEMBLY
- PUSH TO RAPIDLY DEPLOY
- NO PATCH KITS
- NO BLOWER MOTOR
- NO SET SCREWS

"AS A HEAVY EQUIPMENT MECHANIC,
I WORKED MANY NIGHTS KEEPING
ROAD CONSTRUCTION MACHINERY
RUNNING. I SAW THE CHALLENGES
CREWS HAD KEEPING JOB SITES
SAFE AND OPERATIONAL"

- Craig Shellman, Founder



PLSINC200@GMAIL.COM | (847) 533-3016
www.portablelightingsolutions.net



Bucket Utility and Safety in the Utility Industry



Bucket utility refers to the use of bucket trucks or aerial lifts in the utility industry for tasks such as maintenance, installation, and repair of overhead utility lines (electric, telecommunications, etc.). Safety is paramount when operating these vehicles due to the inherent risks involved in working at heights and near live utilities.

Key Uses of Bucket Trucks in the Utility Industry

1. Maintenance and Repair

- *Power Lines*
 - Inspect and repair electrical lines and transformers.
- *Telecommunications*
 - Install and maintain telephone and internet lines.

2. Installation

- *Lighting*
 - Install streetlights, traffic signals, and other overhead lighting fixtures.
- *Signage*
 - Erect and maintain overhead signs and banners.

3. Tree Trimming

- *Clearance*
 - Trim trees and vegetation that may interfere with power lines.

Safety Practices When Using Bucket Trucks

1. Pre-Operational Checks

- *Inspection of Equipment*
 - Conduct thorough pre-use inspections of the bucket truck, including:
 - Hydraulic systems
 - Electrical components
 - Safety devices and harnesses
- *Weather Conditions*
 - Check weather forecasts and avoid operation in high winds, storms, or lightning.

2. Training and Certification

- *Operator Training*
 - Ensure all operators are trained and certified to operate bucket trucks.
 - Include training on emergency procedures, fall protection, and equipment operation
- *Ongoing Education*
 - Provide regular safety refresher courses and updates on new regulations or technologies.

3. Use of Personal Protective Equipment (PPE)

- *Required Gear*
 - Ensure operators and workers wear appropriate PPE, including:
 - Hard hats
 - Safety glasses
 - High-visibility clothing
 - Harnesses and lanyards for fall protection

4. Safe Work Practices

- *Positioning of Bucket Truck*
 - Set up the bucket truck on stable, level ground.
 - Use outriggers and stabilizers as required.
- *Fall Protection*

- Always use a safety harness and lanyard when working in the bucket.
- Ensure that the lanyard is securely attached to the bucket or the boom.

5. **Electrical Safety**

- **Maintain Safe Distances**
 - Follow the “10-foot rule” to keep a safe distance from live electrical lines.
 - Use insulated tools and equipment when working near electrical sources.
- **De-energizing Lines**
 - Whenever possible, de-energize power lines before conducting work.

Emergency Preparedness and Response

- **Emergency Procedures**
 - Establish and communicate emergency response plans for scenarios such as equipment failure, accidents, or severe weather.
- **First Aid Training**
 - Ensure workers are trained in first aid and CPR, and have access to first aid kits and emergency equipment.

Conclusion

The use of bucket trucks in the utility industry is essential for various maintenance and installation tasks. However, safety must always be a priority. By adhering to safety practices, conducting thorough training, and ensuring proper equipment use, the risks associated with working in elevated positions and near utilities can be significantly minimized. •



SELICK

LIFT, LOAD AND DELIVER WITH SELICK!

Whether you need to deliver a skid of blocks to a jobsite or move a 16,000 lb. load of steel, Sellick has the forklift that is right for you. We have been engineering and manufacturing rough terrain forklifts for over 50 years and our nationwide dealer network offers superior support for all your parts and service requirements. Call toll-free or e-mail us today for all your material handling needs.

1-877-SELICK (735-5425)
sales@sellickequipment.com

THE SECRET TO

UNDERGROUND POWER TRANSMISSION



OUR WUNPEECE TRANSMISSION SPACERS REDEFINE THE INDUSTRY STANDARD
FOR UNDERGROUND POWER TRANSMISSION INSTALLATIONS.
WITH PRECISION ENGINEERING AND UNMATCHED QUALITY,

JOIN THE RANKS OF INDUSTRY LEADERS WHO TRUST
UNDERGROUND DEVICES FOR THEIR POWER TRANSMISSION NEEDS.



VISIT WWW.UDEVICES.COM

AND EXPERIENCE THE FUTURE OF UNDERGROUND POWER INSTALLATION

**Durable,
Long-Lasting
Cable Markers
SPEED
Underground
Fault Response**

In underground electrical systems, accurate and visible tags and markers are essential for locating faults quickly and safely.

For electric utilities, even brief power outages can disrupt homes, businesses, and critical infrastructure. These interruptions can also impact public safety and diminish customer trust, so quickly identifying and resolving electrical line faults is essential.

The challenges can be even greater with underground systems that distribute electricity through cables buried below ground. Unlike overhead lines, underground cables are not easily accessible. When a fault occurs, locating and repairing the problem often requires specialized tools and possibly excavation. Even minor failures can turn into extended outages.

To identify the probable location of the fault, linemen rely on data such as feeder loads, breaker activity, and SCADA information before going out into the field to make repairs. However, this is where the work becomes more challenging. Physical signage at the site is a critical tool for directing utility crews to the precise location of underground cables, access points, and other infrastructure so the work can begin.

Therefore, when cable markers are missing, mislabeled, or damaged, the entire fault-response effort is delayed. Dispatchers often require more time to narrow down the field location. Technicians must wait for updated locations. Electro-magnetic detection, ground-penetrating radar, and vacuum excavation may be required.

This underscores the importance of signage that is accurate, visible, and legible over many years, despite the harsh underground environment.

“Cable tags and markers play a critical role in warning utility personnel about potential hazards,

but also can help utilities minimize any downtime by facilitating the location of cables and other equipment underground faster,” explains Daniel O’Connor, General Manager of Tech Products, Inc., a New York-based manufacturer of industrial identification solutions with over 75 years of experience.

O’Connor emphasizes that markers that are “good enough” for a few years may be slightly less expensive but are ultimately poor choices in the long run.

“The graphics should remain highly visible and legible for thirty to forty years after installation, even in harsh environments above and below ground,” says O’Connor.

Signs Everywhere

In underground electrical distribution systems, signage must be installed in several critical locations. The rules for signage are largely derived from OSHA regulations, the National Electrical Safety Code (NESC), the National Electrical Code (NEC), and ANSI standards for safety signage. Utilities also maintain their own detailed signage and labeling standards that often exceed the general codes

Above ground, labels are posted on transformer enclosures, switchgear, cable risers, junction boxes, and utility access points. Common warning signs include “DANGER: High Voltage,” “Underground Electric,” and “Authorized Personnel Only.” Pad-mounted transformers and sectionalizing cabinets must include an equipment ID number, voltage and phase information, kVA rating, and manufacturer information.

Below ground, buried cable marker tape is often placed 12–18 inches above URD cables or conduit with warning text such as “Caution: Buried Electric Line Below” to alert excavation crews that electrical lines are present.

In underground vaults, manholes, and handholes, it is standard to label ducts, phases, and splices, using durable cable tags that include circuit and feeder IDs. These tags serve as essential safety warnings and help identify cable racks, grounding systems, junctions, and protective devices.

Unfortunately, the same underground environmental conditions that affect cable systems can also have an impact on any installed signage. For example, moisture can cause painted and laminated signs to fade or delaminate. Temperature extremes can cause plastic signs to become brittle or warp. Exposure to chemicals can also degrade plastics and coatings.

All these factors make it essential for utility signage to be made from materials designed for long-term outdoor or underground use.



One of the most common options are write-on tags, which allow users to add information using Sharpies, pens, or pencils on materials like plastic, paper, metal, or coated cardboard.

Despite their simplicity and convenience, write-on tags have notable limitations. Handwritten information is often illegible and can smudge and fade

FUSEBOX SAFETY MATS BY **RHINO**

Rhino Switchboard Mats For The "If" in "Life."

Extreme-Duty Series
Class 4

1/2" thick Corrugated Surface

Test Voltage 50,000 VAC

Proof Test 40,000 VAC

Recommended 36,000 VAC

Fuse-box switchboard mats should be used in any area where Health and safety risk assessment shows a possibility of high-voltage shock. Easily carried to job or construction sites, Rhino Switchboard Mats provide a pro tempore electrically insulating mat

Safety Focused. Results Driven

Rubber-insulating gloves, insulated hand tools, and switchboard-insulating mats are vital components of a successful PPE system. All should be used in conjunction with engineering safeguards and associated work practices.

Quality You Can Count On

All are tested to ASTM D178/ANSI J6.7 specifications with certification printed on the back. Two sizes available 2ft X 3ft and 3ft X 3ft, and two gauges

Available at Electrical and Safety Supply Houses and Home Depot or Contact us at 713-228-5543 / Info@rhinomats.com

Heavy-Duty Series
Class 2

1/4" thick Diamond Surface

Test Voltage 30,000 VAC

Proof Test 20,000 VAC

Recommended 17,000 VAC



www.rhinoswitchboardmats.com



BROWN BEAR



OFF HIGHWAY
HIGH FLOTATION
4X4 CARRIER

COMPOSTING
ATTACHMENTS



BRUSH
MULCHING
ATTACHMENT

BACK-FILLING
ATTACHMENTS



WWW.BROWNBEARCORP.COM

641-322-4220

sales@brownbearcorp.com

BROWN BEAR CORPORATION

CORNING, IA 50841

www.youtube.com/c/Brownbearcorp

over time. In addition, only some write-on tags are designed specifically for harsh environments.

A better solution is high impact polyolefin plastic products like the EVERLAST® brand from Tech Products. The company offers a range of identification products for electric and gas utilities, telecommunication and cable companies, OEMs and pipeline companies.



EVERLAST cable tags and markers display text or pictograms that are permanently embedded through the entire thickness of the substrate. UV stabilizers and antioxidants are added to provide complete protection and weather resistance in all climates. The polyolefin plastic is impervious to sun, wind, rain, humidity, salt water, fumes, and acid/alkali solutions.

The tags and markers are not painted or screened but instead designed with solid black polypropylene characters permanently embedded into the substrate. Custom wording, logos, and a range of color options are available.

To speed the process of locating and isolating the exact URD cable or urban feeder during a fault or outage, the EVERLAST line includes phase markers in 1" and 3" sizes that indicate the phase (A, B, or C) of each line.



**SUNBELT
SOLOMON**



Keeping your transformers in service.

Repair, Rewind, Recycle.

VISIT US



800.830.0251 | info@sunbeltsolomon.com



Maddox is the one-stop shop for your transformer needs

Founded by a team of industry veterans focused exclusively on the transformer and transformer-related needs of industrial and commercial clients.



Sell

Maddox stocks and sells the highest quality transformers from dry types and padmounts to substations.

Rent

With thousands of units in stock, Maddox rents out transformers for the temporary power needs of customers across North America.

Repair

With shops on both coasts Maddox inspects, tests, and repairs transformers to ensure that they are in top working condition.

Purchase

We offer a great price that includes handling all the transportation and environmental issue.

1-800-270-2011

sales@maddoxtransformer.com

maddoxtransformer.com

When close-up reading is required in tight or confined spaces, miniature markers with raised, 3D characters, called FastTags by Tech Products, Inc., remain legible even in low light, oily, or dusty environments. The raised 3D characters are hot stamped with high quality UV stable foil and are nonconductive and non-corroding.

Underground Cabling Grows

Today, demand for underground electric cabling is only growing. Dense urban cores and downtown districts rely on underground networks because real estate is scarce, outages and safety incidents carry high consequences, and aesthetics matter.

Regions exposed to severe weather and wildfire risk, including parts of California, Florida, and Hawaii, increasingly place distribution feeders and

laterals below grade to reduce tree contacts and wind-borne faults. Planned communities, campuses, and industrial parks frequently specify “no-pole” covenants.

Given the increasing adoption of underground systems and with the stakes so high to quickly restore power, utilities need to effectively utilize industry best practice signage, tags, and markers to help technicians quickly and safely identify and resolve any faults.

For more information, call 1-800-221-1311; email info@techproducts.com; or visit www.techproducts.com



Low-Dust Application of Stabilization Materials

Fast, Accurate and Consistent!

Sizes
from 8 to
27 Tons



Truck Mounted



Pull-Type



Custom Sizes

- Spreads all dry binding agents accurately
- Spread rates up to 120 lb/sq. yd.

- Available in manual or automatic rate control with Stoltz Controller

Used for Soil Stabilization, Cold In-Place Recycling, Full Depth Reclamation, and similar construction processes, Site Spreaders feature a rugged, fully welded design, 30 inch conveyor, and either automatic or manual controls.



1-800-843-8731

Get all the details you need at
www.stoltzfusspreaders.com

REPAIR CONDUIT IN A SNAP!

- No Tape
- No Plastic Straps,
- No Metallic Straps

NO KIDDING!

**Designed especially for
power, communications,
and fiber optics**



"The World Leader In Split Conduit Products"



Conduit Repair Systems, Inc.

The World Leader In Split Conduit Products

800-670-1804

fax: 435-673-8724

email: crs@conduitrepair.com



**Step 1: Remove
Damaged Conduit**



**Step 2: Cut Split
Duct Conduit to Fit**



**Step 3: Snap in
Place**



**Step 4: Attach
Adapters**



**Step 5: Finish Job
in Record Time**

Please Visit Our Website at WWW.CONDUITREPAIR.COM

Maintenance of Tracks on Heavy Machinery



The tracks on heavy machinery, such as excavators, bulldozers, and track loaders, are essential for mobility and stability. Regular maintenance is crucial to ensure their performance and longevity.

Key Maintenance Practices

1. Regular Inspections

- *Visual Checks*
 - Inspect for visible signs of wear, such as cracks or elongation.
 - Look for debris or foreign objects lodged in the tracks.
- *Track Tension*
 - Ensure tracks are properly tensioned. Loose tracks can lead to slippage, while overly tight tracks can cause premature wear.

2. Cleaning

- *Remove Debris*
 - Regularly clear mud, dirt, and debris from the tracks and undercarriage.
 - Use a pressure washer or scraper for thorough cleaning.
- *Check for Corrosion*
 - Inspect metal components for rust or corrosion and address any issues promptly

3. Lubrication

- *Grease Points*
 - Regularly lubricate all grease points on the track system.
 - Use the manufacturer-recommended grease to ensure optimal performance.
- *Track Rollers and Idlers*
 - Ensure that rollers and idlers are properly lubricated to minimize friction and wear.

4. Track Alignment and Adjustment

- *Alignment Checks*
 - Ensure tracks are aligned correctly to prevent uneven wear.
 - Misalignment can lead to increased strain on components and potential failure.
- *Track Adjustment*

CUT & PUNCTURE RESISTANT

Offering 12 Styles of Kevlar® Lined Work Gloves



TITAN IMPACT RESISTANT LINED WITH KEVLAR®
mfg# 09-9083-10



GENERAL UTILITY LINED WITH KEVLAR®
mfg# 05-3080-70



FR LEATHER LINED WITH KEVLAR® WIDE-CUFF
mfg# 12-3275-60



Kevlar.



TAKE SAFETY INTO YOUR OWN HANDS

Contact Us About Wear Trials

info@ytgloves.com

www.ytgloves.com

800-680-7177



#1 IN DURABILITY

- Adjust track tension as needed to maintain proper operation.
- Follow manufacturer specifications for tension settings.

5. ***Wear and Replacement***

- ***Monitor Wear Indicators***

- Many tracks have wear indicators that signal when replacement is needed.
- Regularly check these indicators to assess the condition of the tracks.

- ***Replacement***

- Replace tracks when they reach the end of their service life or show significant damage.
- Follow manufacturer guidelines for installation to ensure proper fit and function.

Benefits of Proper Maintenance

- ***Enhanced Performance***

- Well-maintained tracks improve traction and stability, enhancing overall machinery performance.

- ***Increased Lifespan***

- Regular maintenance can significantly extend the lifespan of tracks and related components.

- ***Cost Efficiency***

- Prevents costly repairs and downtime associated with track failures.

Conclusion

Regular maintenance of tracks on heavy machinery is essential for safe and efficient operation. By following these practices, operators can ensure their equipment remains in top condition, leading to improved performance and reduced costs. •



**stak
max™**

The Solution

To stak, store, protect, and pull wire!



**USA
MADE**

Stak: Up to five units tall. Easy two handed ergonomic carry from truck or jobsite.

Store: 500' spools of 14, 12 & 10 AWG wire easily for inventory control. Polymer design reduces damage to finished surfaces on the job.

Protect: Reduces wire damage from tools and personnel. Made of non-conductive polymer.

Pull: Pull wire smoothly from the top or the sides when in the Stak. Support large spools with molded V-Grooves.

stakmax.com
Email: Sales@stakmax.com



Scan the QR Code to visit our website.

Stak



Store



Protect



Pull



LONE WORKER PROTECTION
FALL PROTECTION
SUSPENSION TRAUMA PREVENTION

 **SECURE 1/2 MILE**
LINE-OF-SIGHT 



ASSIGNED MONITORING ATTENDANTS



Grace Web Portal Dashboard



Custom Check-In Schedule



TEXT/Email Notification



Receive a GPS Map Link

Check-In System



LEARN MORE



GRACE GATEWAYS

Iridium Satellite/Cellular

Mobile or Portable Worksite Models

SALT™ System Loop Test Indicator

Supports up to 20 Grace Pendants



WORKFORCE® LONE WORKER PENDANT

Fall Detection

Manual Panic Button

Motion Detection

GPS Location



Utility Underground Safety

Utility underground safety refers to the practices and precautions taken to ensure the safety of workers and the public when working around or with underground utilities, such as water, gas, electricity, telecommunications, and sewage systems.

Key Safety Practices

1. Pre-Construction Planning

- *Utility Mapping*
 - Obtain accurate maps of underground utilities from local utility companies.
 - Use advanced technology (like GIS) to visualize underground networks.
- *Site Assessment*
 - Conduct a thorough assessment of the worksite to identify potential hazards.
 - Determine the proximity of underground utilities to the work area.

2. Marking and Locating Utilities

- *Utility Marking*
 - Use color-coded markers to indicate the location of different utilities:
 - *Red:* Electric
 - *Yellow:* Gas
 - *Blue:* Water
 - *Green:* Sewer
 - *Orange:* Communication
 - Ensure markings are visible and maintained throughout the project.
- *Locating Services*



Harden Your Grid with Copperweld® Bimetallic Grounding Conductors



Century™

**High-strength CCS conductor
in Bare, Camo and Hide**

For over 100 years, our flagship CCS grounding conductors have been installed in the harshest environments where strength and theft deterrence are required.



ArcAngel™

**Flexible, high-performance
CCS grounding conductor**

Copperweld's new high-strand-count CCS grounding conductors for substation applications where electrical performance is critical and added flexibility is needed.



Stingray™

**Flexible, covered CCS riser
wire for pole-top transformers**

Our easy-to-install, covered, CCS high-voltage cable reduces power outages due to incidental wildlife contact and conductor breakage due to wind fatigue.



Reduced Theft Incentives

Low street value makes CCS unattractive to copper thieves



Superior Strength

CCS is up to 3x stronger than copper conductors



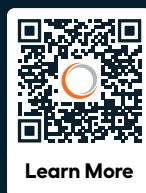
Reliable Performance

Ground fault performance equivalent to copper



Increased Service Life

Fatigue prevention, corrosion resistance and solid connections



Copper where it counts™

615-377-4200

powergrid@copperweld.com

copperweld.com/powergrid

- Hire professional utility locators to accurately identify and mark underground utilities.
- Use ground-penetrating radar (GPR) for comprehensive detection

3. *Excavation Safety*

- *Safe Digging Practices*

- Use hand tools when working near marked utility lines to avoid damage.
- Follow the "Dig Safe" rules and regulations in your area.

- *Shoring and Trenching*

- Implement proper shoring techniques for trenches to prevent collapses.
- Follow OSHA regulations for trench safety.

4. *Personal Protective Equipment (PPE)*

- *Required Gear*

• Ensure all workers wear appropriate PPE, including helmets, gloves, safety glasses, and high-visibility clothing.

- Provide additional equipment as necessary, such as respirators or knee pads.

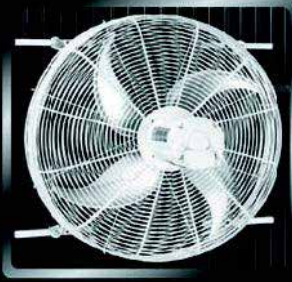
5. *Emergency Preparedness*

- *Emergency Response Plan*

- Develop and communicate an emergency response plan for utility strikes or accidents.
- Ensure all personnel are trained on emergency procedures.

- *Contact Information*

Get Cool!

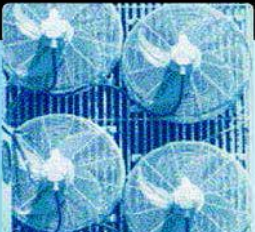


Extend transformer life!

Increase transformer capacity up to 166%!

- expert technical assistance
- low sound levels
- energy-efficient motors

- large inventory
- one-piece cast aluminum blades
- galvanized or stainless steel guards





KRENZ-VENT
quality engineered, performance tested

p.o. box 187 germantown, wisconsin 53022

262.255.2316

www.krenzvent.com

Reduce Back & Knee Injuries with the NEW Ergo Termination Tool.





LINEHAND'S CHOICE LLC

(641)757-7204

www.linehandschoice.com



- Reduce LTA's (Lost Time Accidents)
- Proven to increase production
- Proven safest/ most ergonomic way to terminate
- Reduce strains/ sprains/ First Aids
- Recommended by Ergonomic Specialists
- 100% USA Made

*"As a safety professional, you always want your workers to have access to leading edge safety tools that improve safety and focus. Working with **COOLSHIRT SYSTEMS** over the past two years allowed me to help design a tool by lineman for lineman."*

*The **A.R.C. Hybrid Cooling System** by **COOLSHIRT SYSTEMS** allows lineman to remain more focused and less fatigued by reducing their core body temperature in extreme environments, therefore reducing the possibility of unintended accidents."*

-James "Jim" Bonner
Compliance Coordinator- Retired
Alabama Power



A.R.C. Hybrid Cooling System

Complete Arc Rated Portable Cooling Solution

Developed in conjunction with major power companies for use in extreme heat conditions, the **A.R.C. Hybrid Cooling System** uses liquid cooling to reduce fatigue, injury, and heat stress related illness.

Designed specifically for use by linemen, the **A.R.C. Hybrid Cooling System** features a compact design with a custom woven strap mounting system. The use of S-hooks offers the versatility of mounting inside or outside of the bucket. The system includes our mobile ice based cooler, a 7 hour lithium ion battery with charger and a **CAT 2, 12 CAL** rated Liquid Cooled Vest for **70E Arc Flash** protection.

Designed with portability in mind, measuring **6" x 6" x 20"** and weighing in at **less than 10 lbs dry**, the unit is entirely self-contained and built to last with a 20,000 hour pump.



A.R.C. Hybrid Cooling System
2002-0017



COOLSHIRT®
LIQUID COOLED GARMENTS

- Keep contact numbers for utility companies readily available for emergencies.
- Train workers on how to report utility strikes and other incidents.

Training and Awareness

1. Worker Training

- Safety Training
 - Provide regular training sessions for workers on underground utility safety practices
 - Include information on recognizing utility markings and understanding excavation safety.

2. Public Awareness

- Community Engagement
 - Inform the public about ongoing utility work and safety measures.
 - Encourage residents to report any suspicious activity or hazards.

Conclusion

Ensuring underground utility safety is essential for protecting workers, the public, and infrastructure. By implementing effective safety practices, conducting thorough training, and maintaining clear communication, the risks associated with underground utilities can be significantly reduced. •



NIXALITE®



75 Years of Effective Bird & Animal Control



**All American, All
Stainless Steel
Bird Spikes**



**Architectural Bird
Exclusion Netting
and Hardware**



**Cleaning, Fogging,
Deodorizing &
Disinfection**



**Wall & Roof Vent
Guards, Screens
and Barriers**

Contact Nixalite® for your **FREE** Product Catalog or go to nixalite.com



Nixalite® of America Inc
1025 16th Ave, East Moline, IL 61244

1(309) 755-8771
sales@nixalite.com
nixalite.com

Payroll People meet at a Tradeshow

Our payroll
takes 2 minutes to
prepare and keeps us
compliant with the
DAVIS BACON ACT

Our payroll
takes many hours and
3 people to put together

We get an 80%
savings in time and
money with compliant
client - compared to
manually prepared
payroll

Compliant client
sounds great.
My friend's construction
company was heavily fined being
out of compliant.
He might go to jail!

I USE COMPLIANT
CLIENT BY EMARS

WE MANUALLY
PREPARE PAYROLL

Our payroll
is certified,
worry Free and very
inexpensive plus it is
DOL APPROVED

- Encrypted
- Free Demo
- Works with Excel
- 55,000 + Client
- Web Based
- Paperless
- Works with Time Clock

eMars
CERTIFIED PAYROLL COMPLIANCE

emarsinc.com
480-595-0466

Ad Index

Company	Pg.	Website
Base Tek	BC	www.basetek.com
Brown Bear Corp	11	www.brownbearcorp.com
Conduit Repair	15	www.conduitrepair.com
Coolshirt	23	www.coolshirt.com
Copperweld	21	www.copperweld.com
eMars Inc	IFC, 25	www.emarsinc.com
Grace Industries	19	www.graceconnectedsafety.com
Krenz Vent	22	www.krenzvent.com
Line Hands Choice	22	www.linehandschoice.com
Maddox Transformer	13	www.maddoxtransformer.com
Nixalite	24	www.nixalite.com
Portable Lighting Solutions	3	www.portablelightingsolutions.com
Rhino Mats	10	www.rhinoswitchboardmats.com
Rome Plow	1	www.romeplow.com
Sellick	2, 6	www.sellick.com
Stak Max	18	www.stakmax.com
Stoltz Mfg	14	www.stoltzfusspreaders.com
Sunbelt Solomon	12	www.sunbeltsolomon.com
Underground Devices	7	www.uddevices.com
Working Concepts	26, IBC	www.safeworker.com
Youngstown Gloves	17	www.ytgloves.com

Work shouldn't hurt.

SOFT KNEES® No-Strap Knee Pads

STOP a LADDER®

Another fine **ergoKNEEL** product
www.ergokneel.com





888-456-3372 • www.safeworker.com • info@safeworker.com

Working shouldn't hurt.

Family Owned Business

Safeworker.com has been a family-owned business since 1997. We believe in making products that work right and last for the long haul.

STOP a LADDER

Another fine **ergo KNEE** product

www.ergoknee.com



NEW SIZE

SOFT KNEES[®]
No-Strap
Knee Pads

888-456-3372 • www.safeworker.com • info@safeworker.com

Made to order precast polymer HOUSEKEEPING PADS



ADVANTAGES OF POXYBASE[®] PADS

Outperforms

traditional concrete

Quick Installation

no waiting for concrete to cure

Labor Saving

no forms or pouring field materials

Mounting

stainless steel inserts for equipment and floor anchors

Flexible Designs

built to exact size specifications including conduit openings

Built to Last

corrosion resistant and extremely durable (seismic ready)

Quick Delivery

with limited colors available



Proudly
made in the
U.S.A.

basetek.com **877-712-2273** info@basetek.com

BASETEK
L L C

Built to last
and outperform. **We guarantee it.**