Risk Management Grant Equipment List

TOPIC	Page #
Important Considerations for Purchasing Equipment	2
Chainsaw – Tools and Equipment	3 – 6
Confined Space Entry*	7 – 9
Fall Prevention and Protection – Personal	10 – 14
Fall Prevention and Protection – Structures	15 – 17
Heat Illness Prevention and Protection	18 – 21
Ladders and Accessories	22 – 25
Lockout Tagout – Hazardous Energy Control*	26 – 29
Material Handling Equipment	30 – 32
Thermographic Cameras	33 – 35
Trench and Excavation Access and Protection	36 – 39
Work Zone Safety Equipment*	40 – 42

**Written Program/Plan Required*

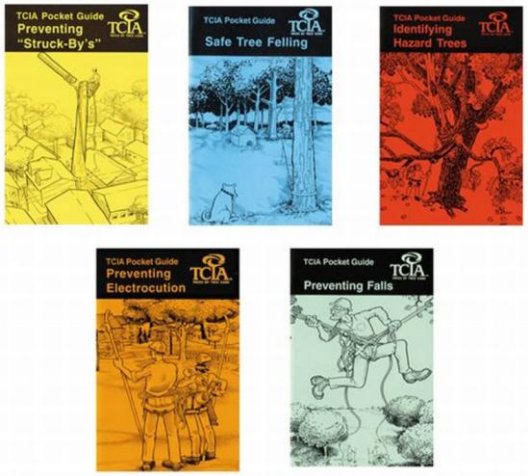
Important Considerations for Purchasing Equipment

- Consult your risk manager prior to submission of your grant application
- Equipment selection should identify a previous loss or current exposure
- Consider specific work areas to insure "right tool for the right job!"
- Perform a hazard assessment for proper equipment selection
- Before making equipment selection, consult manufacturer
- Equipment must meet all regulations, standards, and approvals, as applicable
- Equipment presented in this document serve as examples only…not recommendations
- Consider vendors to be a working partnership in the provision of equipment, manuals and good customer service
- **Vendor estimate/s must be sent with the application. And once the grant has been approved, one invoice per vendor must be submitted for all items.**

- Reminders:
    - Maintain all manufacturer's instructions, manuals, and documents
    - Document implementation of applicable instructions and programs
    - Inspect, use, maintain, service, and dispose of equipment per manufacturer's recommendations and applicable regulations
    - Training is required for all purchases!

Chainsaw – Safety Equipment

TREESTUFF https://www.treestuff.com/



TCIA Pocket Guide Series

$11.99-$52.99

★★★★½ 6 Reviews

SKU: PID6470

The TCIA Pocket Guides are dedicated to the principle that ALL accidents are preventable. , they are brief and, as the name implies, they conveniently fit in your pocket. All that, and they're inexpensive, too. Purchase individually or in a set of five.

Helmets

KASK

KASK Super Plasma Helmet

The Kask Super Plasma helmet has been designed for both professional work-at-height and gr

★★★★★ 236 Reviews

$129.99 - $491.99

HUSQVARNA

Husqvarna Technical Forest Helmet

The Husqvarna Technical Forest Helmet is a great all-in-one PPE system for arborists who j

★★★★★ 5 Reviews

$134.99 - $588.99

PETZL

Petzl Vertex Vent ANSI Clear Visor Kit

This helmet kit adds a clear Petzl Vizir and ear protection to the Vertex Vent.

★★★★½ 16 Reviews

$191.99

Helmet Accessories

PETZL

Petzl Vizir Face Shield

The Vizir protective face shield from Petzl will fit the Vertex and Alveo helmets. It is e

22 Reviews

WAS: ~~$59.99~~NOW: $64.99 - $69.99

PETZL

VIZEN MESH Full Face Shield For Tree Care For VERTEX & STRATO, ANSI, Easyclip Attachment System

Shop the Petzl Vizen Mesh Full Face Shield from the arborist experts at TreeStuff. Free sh

3 Reviews

$74.99

3M

Peltor Helmet Mounted Optime 105 Hearing Protectors

These ear muffs will fit most hard hats and helmets including Kask Plasma, Petzl Vertex, a

11 Reviews

$37.99

Communication Systems

SENA TECHNOLOGY

SENA Integrated Communication System - DIY

This amazing wireless intercom system utilizes state-of-the-art Bluetooth 3.0 technology t

99 Reviews

$304.99 - $359.99

SENA TECHNOLOGY

SENA TuffTalk Lite Over-The-Head Bluetooth Communication

The SENA TuffTalk Lite is a Bluetooth 4.1 enabled over-the-head communication system perfe

11 Reviews

$385.99

SENA TECHNOLOGY

SENA TuffTalk Lite Helmet-Mounted Bluetooth Communication

The SENA TuffTalk Lite is a Bluetooth 4.1 enabled communication system with...

22 Reviews

$359.99

Chaps

SWEDEPRO

Professional Wrap Chap, Orange, 40

Zoro # G115544540 Mfr # 8532

$198.99 /ea

SWEDEPRO

Professional Apron Chap, Navy, 36

Zoro # G715544513 Mfr # 7532

$186.99 /ea

SWEDEPRO

Professional Wrap Chap, Hi-Vis, 40

Zoro # G015544503 Mfr # 9532

$209.99 /ea

Gloves

+ 3 Glove Sizes

OREGON

Chainsaw Gloves, Large

Zoro # G8615860 Mfr # 91305L

$22.55 /ea

SUNBELT

Timber Ridge, Chainsaw Gloves 14" x6.25" x0.8"

Zoro # G701651751 Mfr # A-B1A137TR

$35.99 /ea

SWEDEPRO

Coated Gloves, Uncoated, 2 Abrasion Level, Orange, L 1 PR

Zoro # G4767077 Mfr # 250010

$40.95 /pr

Chainsaw Maintenance Tools

PFERD

Pferd Dozen Round Chainsaw Files

$28.99

PFERD

Pferd Depth Gauge File

$10.99

PFERD

PFERD Chain Saw Sharp CS-X

PFERD offers sharpeners for both manually and mechanically sharpening saw chains. Sharpener...

☆☆☆☆☆ 0 Reviews

$47.99

TIMBERLINE

Timberline Chainsaw Sharpener Kits

The Timberline Chainsaw Sharpener makes sharpening your chainsaw much easier and more...

★★★★½ 63 Reviews

$124.99 - $152.99

Confined Space Equipment

Major Safety https://www.majorsafety.com/

Confined Space Entry Kit

MAJOR SAFETY CSK-F-RF-A COMPLIANCE PLUS CONFINED SPACE CONTRACTOR KIT

by FrenchCreek

SKU CSK-F-RF-A

$3,150.00

Tripods

FRENCHCREEK PD-CSKIT2 PORTABLE CONFINED SPACE DAVIT SYSTEM by FrenchCreek
SKU PD-CSKit2 $5,960.00

FRENCHCREEK CONFINED SPACE QUADPOD DAVIT ARM RESCUE SYSTEM by FrenchCreek
SKU FCPQ200 $5,395.00

3M DBI-SALA 8530252 POLE HOIST FOR CONFINED SPACE ENTRY by 3M DBI Sala
SKU FCPQ200 $4,075.00

Blowers

Sale

Euramco RamFan UB20 Confined Space Blower System

Euramco

~~$275.00 - $895.00~~

$250.00 - $884.00

Sale

Allegro 9533-25 Economy Confined Space Blower System

Allegro

~~$482.82~~

$458.68

Sale

Euramco RamFan Hazardous UB20xx Confined Space Blower System

Euramco

~~$3,074.40 - $3,321.15~~

$2,928.00 - $3,163.00

Gas Detection

Sale

RKI GX-2012 Confined Space Gas Monitor

RKI

~~$1,020.00 - $1,250.00~~

$995.00 - $1,195.00

Sale

RKI GX-3R Confined Space Gas Detector

RKI

~~$675.00~~

$655.00

Sale

RKI GX-6000 Portable and Confined Space Gas Detector

RKI

~~$2,095.00 - $3,325.00~~

$1,945.00 - $3,295.00

Gas Detector Calibration Kit & Bump Test Gas

Sale

Confined Space 4-Gas Monitor Calibration Kits

Intermountain Specialty Gas

~~$455.00 - $595.00~~

$395.00 - $560.00

RKI SDM-3R Calibration Dock Station for GX-3R

RKI

$1,375.00 - $1,875.00

Manhole Accessories

ALLEGRO 9401 MANHOLE GUARDRAIL $399.00

WORK AREA MANHOLE GUARDRAIL AND MATERIAL LIFT $1,696.50

ALLEGRO 9401-20 DELUXE MANHOLE COVER LIFTER $214.64

ALLEGRO 9403-00 DELUXE MANHOLE UMBRELLA $349.63

ALLEGRO 9403-05 MANHOLE UMBRELLA STAND $424.16

ALLEGRO 9403-66 MANHOLE ECONOMY WORK TENT $501.56

Fall Prevention and Protection – Personal

Anchorages – Connectors

www.majorsafety.com #800.446.8274

Sale

FrenchCreek 3' or 6' Tie Off Anchorage Strap

FrenchCreek

~~$36.27 - $39.02~~

$31.35 - $33.70

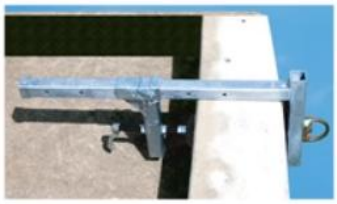
Sale

DBI Sala 2101630 D-Ring Anchorage Plate

3M DBI Sala

~~$59.50~~

$56.65



Sale

FrenchCreek 1789 Parapet Wall Anchor

FrenchCreek

~~$357.62~~

$321.90

Sale

FrenchCreek 1702 Sliding Beam Anchor

FrenchCreek

~~$174.68~~

$158.80

Sale

FrenchCreek 1785 Door Jamb Anchor

FrenchCreek

~~$447.46~~

$386.45

Sale

DBI Sala 2100133 Roof Top Anchor

3M DBI Sala

~~$647.50~~

$616.65

Sale

FrenchCreek 1775 Concrete Anchorage Connector

FrenchCreek

~~$57.94~~

$52.15

Sale

DBI Sala 2104710 Glyder2 Sliding Beam Anchor

3M DBI Sala

~~$370.60~~

$352.95

Sale

DBI Sala 2103143 Trolley Beam Anchor

3M DBI Sala

~~$760.95~~

$724.75

GARLOCK SAFETY SYSTEMS

#877.791.4446

www.garlocksafety.com

LifePoint™ Deluxe

Two-person Fall Arrest and Restraint Mobile Anchor

Badger™

Mobile fall arrest systems

Body Harnesses www.majorsafety.com

Sale

FrenchCreek AF630KDE Arc Flash Full Body Harness

FrenchCreek

~~$357.56 - $411.19~~

$308.80 - $355.15

Sale

FrenchCreek 850AB Construction Fall Protection Harness - 3 D-Ring

FrenchCreek

~~$147.31 - $162.05~~

$127.25 - $139.95

Sale

FrenchCreek Stratos 22850B Full Body Harness - 3 D-Ring

FrenchCreek

~~$231.83 - $243.43~~

$200.25 - $210.25

Sale

DBI Sala 1102000 Delta Fall Protection Harness - 1 D-Ring

3M DBI Sala

~~$184.80~~

$176.00

Sale

DBI Sala 1102008 Delta Fall Protection Harness - 3 D-Ring

3M DBI Sala

~~$224.35~~

$213.70

Sale

DBI Sala 1107807 Delta Climbing Harness - 2 D-Ring

3M DBI Sala

~~$220.20~~

$209.70

DBI Sala 9501403 Suspension Trauma Safety Strap

3M DBI Sala

~~$54.00~~

$51.60

Lanyards and Connectors www.majorsafety.com

Sale

FrenchCreek 460A Shock Absorbing Lanyard
FrenchCreek
~~$52.68~~
$45.50

Sale

FrenchCreek 490A Shock Absorbing Web Lanyard - 400 LBs
FrenchCreek
~~$42.43~~
$36.65

Sale

FrenchCreek AF390AKZ Arc Rated Fall Protection Lanyard
FrenchCreek
~~$235.58~~
$203.50

Sale

DBI Sala 1231016 Web Adjustable Positioning Lanyard - 4-6
3M DBI Sala
~~$141.35~~
$134.60

Sale

Protecta 1342001 Pro Pack Double-Leg Y-Lanyard
3M Protecta
~~$79.90~~
$76.10

Sale

FrenchCreek 440A Dual-Leg Shock Absorbing Lanyard
FrenchCreek
~~$81.23~~
$70.20

Sale

DBI Sala 1244306 ShockWave 2 Shock Absorbing Lanyard
3M DBI Sala
~~$154.25~~
$146.90

Sale

DBI Sala 1246167 Force 2 Single Leg Fall Protection Lanyard
3M DBI Sala
~~$183.95~~
$175.20

Sale

FrenchCreek 1418 D-Ring Extender
FrenchCreek
~~$24.89~~
$21.50

Sale

FrenchCreek R-Retro Self Rescue Ladder
FrenchCreek
~~$64.74~~
$55.95

Retractable and Horizontal Lifelines www.majorsafety.com

Sale

FrenchCreek Rogue MRG3 Self Retracting Lifeline
FrenchCreek
~~$225.06~~
$194.40

Sale

FrenchCreek Rogue M2RG-0Z Dual Leg Regular Snap Hook Self Retracting Lifeline
FrenchCreek
~~$414.47~~
$357.95

Sale

FrenchCreek Rogue M2RG-4Z Dual Leg Rebar Hook Self Retracting Lifeline
FrenchCreek
~~$448.63~~
$387.50

Sale

FrenchCreek Outlaw Series Leading Edge Self Retracting Lifeline
FrenchCreek
~~$469.84 - $628.73~~
$422.90 - $565.90

Sale

3M Protecta Rebel 3100425 Series Self Retracting Lifeline
3M Protecta
~~$245.90~~
$234.15

Sale

FrenchCreek 411 Series Nylon Rope Lifelines
FrenchCreek
~~$50.13 - $101.55~~
$45.15 - $91.40

Sale

FrenchCreek VL-38 Fixed Ladder Fall Protection System
FrenchCreek
~~$490.48 - $1,557.14~~
$441.45 - $1,401.45

Sale

DBI Sala 7600506 Sayfline Synthetic Horizontal Lifeline System
3M DBI Sala
~~$959.10 - $1,325.00~~
$913.40 - $1,261.90

Sale

DBI Sala 7605060 EZ-Line Retractable Horizontal Lifeline System
3M DBI Sala
~~$2,299.65~~
$2,190.15

Fall Prevention and Protection – Structures

www.majorsafety.com #800.446.8274

Portable Guardrail Systems

Sale

Bluewater Safety Rail 2000 Fall Protection Guard Rail Kit

Bluewater

~~$654.00 - $668.00~~

$585.00 - $615.00

Bluewater 300014 Safety Rail 2000 Rail Base

Bluewater

$480.00

Sale

Bluewater 500023 Safety Rail 2000 EZ Mover

Bluewater

~~$630.00~~

$567.40

Sale

Bluewater 500023 Safety Rail 2000 EZ Mover

Bluewater

~~$630.00~~

$567.40

Sale

Bluewater 100076 Safety Rail 2000 Securing Pin

Bluewater

~~$16.00~~

$15.25

Sale

Bluewater Safety Rail 2000 Finish Rail Kit

Bluewater

~~$830.00 - $868.00~~

$720.00 - $755.00

Roof Hatch, Skylights, Parapets, Roof Edge

FLEXIBLE LIFELINE SYSTEMS®
AT THE HEIGHT OF INNOVATION

www.fall-arrest.com
#855.353.1999

Hatch Kits

FLS Hatch Kits prevent falls into open hatches, and promote safe entry and exit of rooftop openings for workers.

Skylight Guardrail

The FLS Skylight Guardrail is a freestanding fall-protection solution for use around skylights, roof lights, and dome lights.

Skylight Screens

Versatile, OSHA-compliant skylight covers. Our skylight screens provide cost effective and easy-to-install protection from falls through skylights.

Freestanding Permanent Guardrail

A modular, freestanding and permanent guardrail system that does not penetrate the roof membrane.

Mobile Guardrail

A mobile guardrail system that is made up of modular sections and weights that can easily be assembled or moved.

Parapet Guardrail

A railing system where the uprights are directly screwed to the rooftop parapet reducing cost while providing fall protection.

Metal Roof Guardrail

Flexible Lifeline System's metal roof railing solution that is pre-engineered to work with both standing seam and corrugated roof panels.

GARLOCK SAFETY SYSTEMS

#877.791.4446
www.garlocksafety.com

LifePoint™ Deluxe

Two-person Fall Arrest and Restraint Mobile Anchor

Badger™

Mobile fall arrest systems
Meets OSHA Requirements

Heat Illness Prevention and Protection

https://www.ergodyne.com/

Grant maximum request of $4,000

Chill-Its 6672 Heat Stress Prevention & Recovery Station Kit

NEW

REGULAR:
$1,258.15

Chill-Its 6090

Rechargeable Portable Jobsite Fan

REGULAR:

$170.15

1 COLOR

Chill-Its 6602

Evaporative Cooling Towel - PVA

BULK BUY OPTION

REGULAR:

$9.05 - $374.25

5 COLORS

Chill-Its 6668

Hi-Vis Safety Cooling Vest - Type R, Class 2

REGULAR:

$52.95

1 COLOR

Chill-Its 6260

Lightweight Phase Change Cooling Vest With Rechargeable Packs

REGULAR:

$187.05

1 COLOR

Chill-Its 8934

Ranger Hat With Neck Shade

REGULAR:

$33.95

2 COLORS

Chill-Its 8935MF

Hi-Vis Ranger Sun Hat - Microfiber Cooling

REGULAR:

$22.05

1 COLOR

Chill-Its 6710

Cooling Bandana - Polymers, Tie Closure

REGULAR:

$6.75

6 COLORS

BEST SELLER

Chill-Its 6661

Universal Hard Hat Brim With Neck Shade

REGULAR:

$15.85

2 COLORS

BEST SELLER

Chill-Its 6715

Hard Hat Cooling Top Insert - Polymers

REGULAR:

$3.65

1 COLOR

Chill-Its 6716

Hard Hat Cooling Sweatband Liner - Polymers

REGULAR:

$4.75

1 COLOR

BEST SELLER

Chill-Its 6609

Hard Hat Sweatband Liner - Terry Cloth

REGULAR:

$3.75

1 COLOR

BEST SELLER

Chill-Its 5155

Low-Profile Hydration Pack - 2 Liter Bladder

REGULAR:

$81.25 - $90.35

3 COLORS

Chill-Its 5050B

2 Liter Hydration Pack Replacement Bladder

REGULAR:

$31.05

1 COLOR

Shax 6000

Heavy-Duty Pop-Up Tent - 10ft X 10ft

BULK BUY OPTION

REGULAR:

$450.65 - $7,210.55

2 COLORS

Shax 6052

Heavy-Duty Pop-Up Tent Kit + Mesh Windows - 10ft X 10ft

REGULAR:

$794.95

2 COLORS

Shax 6199

Lightweight Work Umbrella And Stand Kit

REGULAR:

$378.85

2 COLORS

Shax 6192

Umbrella Stake

REGULAR:

$24.75

1 COLOR

Shax 6193

Trailer Hitch Umbrella Holder

REGULAR:

$124.75

1 COLOR

Ladders and Accessories

www.grainger.com #800.GRAINGER

Ladders are available in various styles, sizes, and capacities

Step Ladders and Multi-Position Ladders

Podium and Platform Ladders

Leaning Ladder

Telescoping Ladder

Extension Ladders

Accessories

Extension Ladder Walk-through

Extension Ladder Walk-through Gate

Extension Ladder Leveler

Adjustable Stabilizer Spans Windows

Ladder Stability Anchor Clamp and Strap

Lockout Tagout Equipment

https://www.masterlock.com/products/lockout-tagout

OSHA Requirements: Written Program; Inventory of Equipment; Written Specific LOTO Procedures; Employee Training; Provision of LOTO devices; and Periodic Inspections

Padlocks

BEST SELLER

3KAMKYLW

Yellow Laminated Steel Safety Padlock, 1-9/16in (40mm) Wide with 3/4in (19mm) Tall Shackle, Keyed Alike Master Keyed

LIST PRICE: **$19.82** ☐ Compare

BEST SELLER

410BLU

Blue Zenex™ Thermoplastic Safety Padlock, 1-1/2in (38mm) Wide with 1-1/2in (38mm) Shackle

LIST PRICE: **$17.07** ☐ Compare

BEST SELLER

411KALTBLK

Black Zenex™ Thermoplastic Safety Padlock, 1-1/2in (38mm) Wide with 3in (76mm) Shackle, Keyed Alike

LIST PRICE: **$24.06** ☐ Compare

0411-5705

Photo Identification Labels for No. 411 Zenex™ Thermoplastic Safety Padlocks

LIST PRICE: **$7.65** ☐ Compare

Tags

497A

Do Not Operate Safety Tag, English, Laminated

LIST PRICE: **$26.30** ☐ Compare

S141

Write-on No 411 Padlock Labels, English/Spanish & English/French

LIST PRICE: **$29.95** ☐ Compare

Group Lockout

416

Aluminum Lockout Hasp, 1in (25mm) Jaw Clearance

LIST PRICE: **$8.27** ☐ Compare

BEST SELLER

498A

Latch Tight™ Portable Group Lock Box

LIST PRICE: **$107.20** ☐ Compare

Cable Lockout

S806CBL15

Adjustable Cable Lockout, 15ft (4.6m) Cable

LIST PRICE: **$54.36** ☐ Compare

BEST SELLER

S806

Adjustable Cable Lockout, 6ft (1.8m) Cable

LIST PRICE: **$42.56** ☐ Compare

BEST SELLER

S806CBL3

Adjustable Cable Lockout, 3ft (91.4cm) Cable

LIST PRICE: **$42.56** ☐ Compare

BEST SELLER

S856

Retractable Cable Lockout Device with Steel Core Cable

LIST PRICE: **$58.70** ☐ Compare

Electrical Lockout

BEST SELLER

491B

Grip Tight™ Circuit Breaker Lockout, Tall and Wide Toggles

LIST PRICE: **$16.38** ☐ Compare

BEST SELLER

493B

Grip Tight™ Circuit Breaker Lockout, Standard Single and Double Toggles

LIST PRICE: **$12.58** ☐ Compare

BEST SELLER

S3822

Grip Tight™ Plus Circuit Breaker Lockout Device – Molded Case Circuit Breakers (480/600 V)

LIST PRICE: **$15.93** ☐ Compare

453L

17in (43.2cm) Oversized Plug & Hoist Control Cover

LIST PRICE: **$43.82** ☐ Compare

487

Rotating Electrical Plug Lockout, 110 and 220 Volt Plugs

LIST PRICE: **$20.60** ☐ Compare

496B

Universal Wall Switch Cover

LIST PRICE: **$13.70** ☐ Compare

506

Grip Tight™ Circuit Breaker Lockout Set

LIST PRICE: **$28.21** ☐ Compare

S2005

Compact Plug Prong Lockout, 110-120 Volt Plugs

LIST PRICE: **$17.34** ☐ Compare

Valve Lockout

BEST SELLER

480

Rotating Gate Valve Lockout, 1in-3in (25mm-76mm) Diameter Handles

LIST PRICE:
$20.48

☐ Compare

468L

Seal Tight™ Handle-Off Ball Valve Lockout

LIST PRICE:
$44.72

☐ Compare

485

Rotating Gate Valve Lockout, Set of All Five Size Models, Nos. 480-484

LIST PRICE:
$237.42

☐ Compare

S3081

Adjustable Ball Valve Lockout

LIST PRICE:
$33.70

☐ Compare

S3476

Wedge-Style Ball Valve Lockout, 1/4in (6.4mm) to 1in (25mm) Diameter Valves

LIST PRICE:
$32.08

☐ Compare

S3910

Pressurized Gas Valve Lockout

LIST PRICE:
$21.76

☐ Compare

S3921

Butterfly Valve Lockout Kit, Device and S806CBL3

LIST PRICE:
$55.17

☐ Compare

Lockout Kits

BEST SELLER

1457E410KA

Lockout Toolbox with Standard Electrical Device Assortment and three Zenex™ Thermoplastic Padlocks

LIST PRICE:
$234.18

☐ Compare

BEST SELLER

1457E410KABAS

Lockout Toolbox with Basic Electrical Device Assortment and three Zenex™ Thermoplastic Padlocks

LIST PRICE:
$217.38

☐ Compare

BEST SELLER

1457E410KAPRE

Lockout Toolbox with Premier Electrical Device Assortment and four Zenex™ Thermoplastic Padlocks

LIST PRICE:
$354.15

☐ Compare

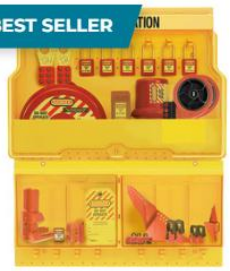
1457V410KA

Lockout Toolbox with Standard Valve Device Assortment and three Zenex™ Thermoplastic Padlocks

LIST PRICE:
$374.59

☐ Compare

BEST SELLER



S1900VE410PRE

Deluxe Lockout Station with Premier Valve and Electrical Device Assortment and six Zenex™ Thermoplastic Padlocks

LIST PRICE:
$885.21

☐ Compare

1458E410PRE

Lockout Carrying Case with Premier Electrical Device Assortment and six Zenex™ Thermoplastic Padlocks

LIST PRICE:
$477.61

☐ Compare

S1010VE410KA

Lockout Pouch with Standard Valve and Electrical Device Assortment and two Zenex™ Thermoplastic Padlocks

LIST PRICE:
$202.25

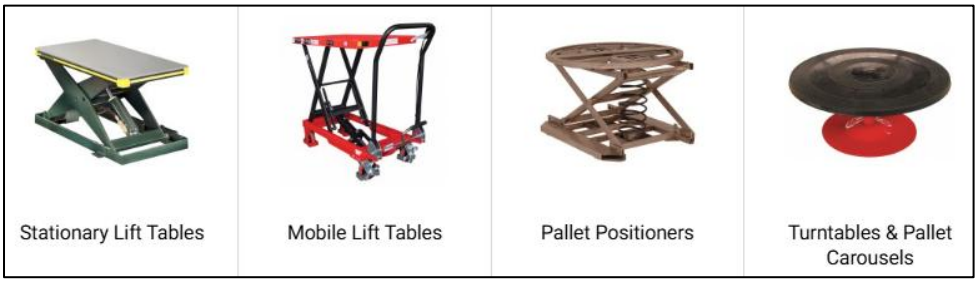
☐ Compare

Material Handling Equipment

https://www.grainger.com/category/material-handling

Lift Tables, Turntables, and Pallet Positioners

Lift tables, turntables, and pallet positioners bring loads closer to workers to improve ergonomics and efficiency. Stationary lift tables remain in a fixed position to raise and lower heavy loads like equipment, materials, and containers to provide better access to the load. They are ideal for applications that don't move often. Mobile lift tables have casters that allow them to maneuver around sites. They raise and lower heavy loads to provide better access to loads. Pallet positioners keep the top of a pallet load at an ergonomic height for operators as they load and unload. Turntables and pallet carousels hold loads flat and rotate them 360° to provide access to all sides from any angle.



Carts and Trucks

Carts and trucks are wheeled vehicles used for moving items. Shelf and utility carts have open shelves for efficient loading and unloading. Stock trucks have enclosed shelves that keep items from falling off. Hand trucks let one person move large, heavy loads. Bulk container trucks and tilt trucks have large containers for moving and dumping bulky loads. Platform trucks have flat decks that support large, heavy items. Wagon trucks and trailers can pull or tow loads. Panel, bar, pipe, and bucket trucks have arms or cradles that can hold long or bulky items. Organization and workstation carts keep items organized and ready for use. Office, furniture, and luggage carts are used to move items in office and hospitality settings.

Dollies and Movers

Dollies and movers are wheeled devices that are placed under large or heavy loads to reduce effort when moving the loads across relatively flat ground. They don't require loads to be leaned back and balanced like hand trucks and are easier to operate than forklifts or pallet jacks. General purpose dollies can move items such as cartons and crates. Drum dollies have a support ring or platform that holds drums or overpacks. Cylinder dollies have a flat, solid platform that holds large cylinders of liquid. Pallet dollies have a flat surface for moving various types and sizes of pallets. Roll dollies and panel dollies support large rolls or sheets of material during transport. Desk and furniture dollies can move large pieces of furniture. Pry bar lever dollies raise one edge or corner on heavy machinery, crates, or pallets so that dollies or other equipment can slide underneath them. Machine skates and machinery and equipment movers can lift and move heavy equipment such as appliances, machinery, and safes.

Hand Trucks

Hand trucks allow one person to move large, heavy loads. Also known as dollies, hand trollies, or stack trucks, these upright wheeled carts are tilted back and rolled to move loads from one place to another. General purpose hand trucks are used to move boxes and other regularly shaped items. Convertible hand trucks can be used as an upright hand truck or as a platform truck. Folding hand trucks can be collapsed to save space while they are being stored or transported. Pail and drum hand trucks, beverage-delivery hand trucks, appliance hand trucks, cylinder hand trucks, furniture hand trucks, and bag and pallet hand trucks have features that allow them to carry specific items that would be too large, bulky, or irregularly shaped to fit on other types of hand trucks.

Appliance Hand Trucks	Bag & Pallet Hand Trucks	Beverage-Delivery Hand Trucks
Convertible Hand Trucks	Cylinder Hand Trucks	Folding Hand Trucks
Furniture Hand Trucks	General Purpose Hand Trucks	Hand Truck Accessories & Replacement Parts

Thermographic Cameras

https://monroeinfrared.com
Monroe Infrared
P.O. 522
14 Maine St. Suite 204
Brunswick, Me. 04011
Adam Kraiterman
#781.974.8782 or #781.784.6700

FLIR E6 Pro $2,049.00

The FLIR E6 Pro is a rugged point-and-shoot thermal camera that can help you inspect more efficiently than ever before. Locate and diagnose problems quickly with 240 × 180 thermal resolution (43,200 pixels) and vibrant thermal imagery supported by FLIR-patented MSX® (Multi-Spectral Dynamic Imaging) enhancement. Featuring a 3.5-inch, 640 × 480 resolution touchscreen, the E6 Pro simplifies your workflow. You can edit and organize photos, add detailed notes, and upload files directly from the camera to the FLIR Ignite cloud for convenient access from any device.

FLIR E8 Pro $3,099.00

The FLIR E8 Pro is your must-have tool for locating and diagnosing electrical, mechanical, and building problems. Quickly pinpoint hot spots and easily identify problems with vibrant thermal imagery supported by FLIR-patented MSX® (Multi-Spectral Dynamic Imaging) enhancement. Your inspections will be more efficient because you can do all your work from the touchscreen: organize your photos, add detailed notes, and upload them directly to the FLIR Ignite cloud for convenient access from any device.

HIK MICRO $3,099.00

The Thermographic Handheld Camera is a device with both optical images and thermal images. It can do thermography, video recording, snapshot capturing, alarm, and it can connect to Wi-Fi, hotspot and Bluetooth. The built-in high-sensitivity IR detector and high-performance sensor detects the variation of temperature and measure the real-time temperature. The picture-in-picture technique of the camera and the fusion of optical view and thermal view, enhances the details of the images display. It supports multiple palettes and alarm types. When the detected temperature in the scene does not match with the alarm rules, the device alarms by color of the palette mode automatically. It helps to find the risky part and lower your property loss.

FLIR MR40 $93.99

The FLIR MR40 is a pocket-portable, rugged 2-pin, single-scale moisture meter with an integrated flashlight for wood and common building materials — ideal for builders, building inspectors, remodelers, moisture remediation technicians, pest control professionals, and residential roofing and flooring contractors.

Resources

FAQ for Thermal Cameras

https://monroeinfrared.com/knowledgebase

Types of Inspections

https://monroeinfrared.com/infrared-inspections

Excavations and Trenches

Members must utilize trenching equipment companies that provide documented trenching and excavation training that is specific to the equipment being purchased.

UNITED RENTALS

https://www.unitedrentals.com

Kevin O'Brien
(Mobile) 508.612.9538
(Office) 508.842.3790

Light Weight Manhole Box

Excavation/Trench Protection

4” Wall Aluminum Trench Box

8” Wall Heavy Duty Aluminum Trench Box

Aluminum Slide Rail™

Our newest innovation- Aluminum Slide Rail™ allows installation with light rubber tire backhoes

Yet, this system provides the shoring capabilities that is needed using our high strength ***STRIKE PLATE*** ™ panel technology.

In the field, it's performance retains the same modular features as our diverse steel **Slide Rail / Rolling Strut™ System.**

ALLOWABLE MOMENT- FT. LBS. 50, 820

MODEL	LENGTH (FT.)	CAP. (PSF)	A	B	C1 (50)	C2 (65)	C3 (80)
ASP 6.56	6.56	3442	496	276	259	195	158
ASP 8.20	8.20	2754	318	176	166	125	101
ASP 9.84	9.84	2295	221	123	115	87	70
ASP 11.56	11.56	1967	162	90	84	64	52
ASP 13.12	13.12	1721	124	69	65	49	39
ASP 14.76	14.76	1528	98	54	51	38	31
ASP 16.48	16.48	1370	79	44	41	31	25
ASP 18.04	18.04	1252	66	36	34	26	20
ASP 19.6	19.685	1177	59	32	30	23	18
ASP 20.50	20.50	1102	51	28	26	20	16

Our Slide Rail System with Rolling Struts may be used in most excavating applications.

MORE CONFIGURATIONS

Two Bay Sheeted Pit

Walers are used for side support when clear span requirements are needed.

Small Rectangular Pit with sheeting on one (or both) ends

This design provides more pipe clearance than any other system.

Telescoping step down systems using 90° corner posts makes it easy!

Grave Shoring

Grave shoring generally consists of modular units utilizing strong yet light weight aluminum for the shoring of graves and small excavations. Easy to install and extract, is easily transportable, and yet combines simplicity with durability and efficiency of operation.

- ★ ***Professional Engineer Certified***
- ★ ***Constructed of light weight aluminum***
- ★ ***Flush inside and out***
- ★ ***Easy install and extract***
- ★ ***Knocks down to a small package- fits easily into a pick-up truck***
- ★ ***Custom sizes available***
- ★ ***Foam filled***

We are honored to have provided Grave Shoring to Arlington National Cemetery, USMA at West Point and Orange County Veterans Memorial Cemetery.

STACKING SECTIONS FOR REQUIRED DEPTH. TOP PROTECTION UNIT SHOWN ABOVE.

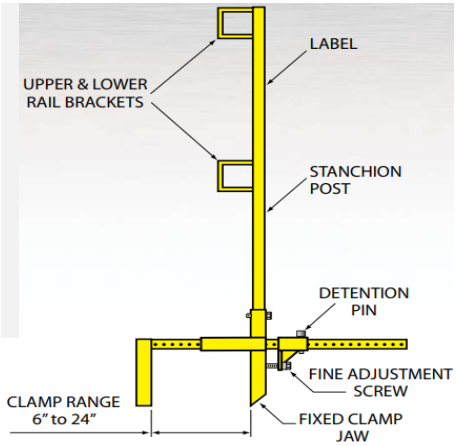
BUILT TO ACCOMMODATE ANY VAULT SIZE

Hydraulic Shoring

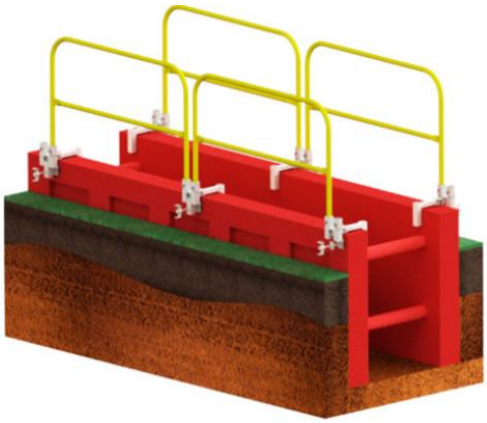
High Clearance Shore

Hydraulic Pump
www.americanshoring.com

Excavation/Trench Accessories



American Shoring Guardrail System



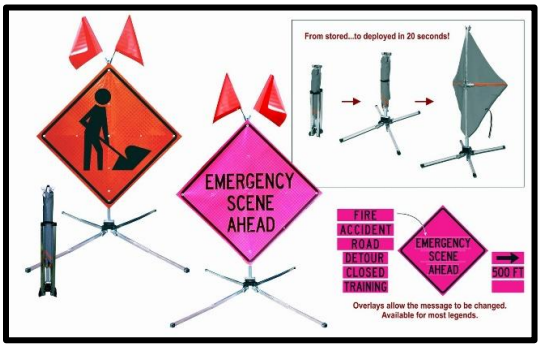
Trench Box Clamp-on Guardrail System www.garlocksafety.com

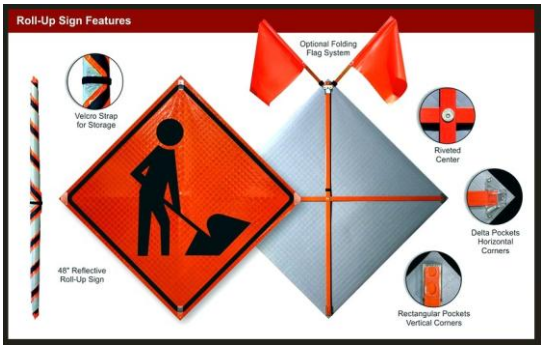
Aluminum Personnel Crossing Bridge www.trenchshoring.com

Work Zone Safety

https://www.staysafetraffic.com/work-zone
#978.692.2114

Signage





T55 and 48" mesh sign
(strorage configuration)

T55 with 48" Roll-Up Sign

Tripod

Zephyr Sign Stand

Traffic Control Equipment

Traffic Cones

Delineator Posts

Channelizer Cones

Traffic Drums

Barricade and Light

A-Frame Barricade

TrafiLITE™
6 VOLT LED

Traffic Barriers

Stackable Traffic Barrier

Water-Wall ™ Barrier