# SOLUTIONS FOR A DROP FREE ZONE

CREATE A DROP FREE ZONE WITH OUR TOOL TRAPS, TETHERS & LANYARDS







## LUCK IS BAD POLICY. DROPS WILL HAPPEN.

#### THE RISK OF FALLING OBJECTS

More and more workers are finding themselves ascending to heights in all industries, and along with them, the tools and equipment necessary to do the job. As a result, severe injury and fatality from dropped objects - even something as small as a wrench - are all too common.

Join us in setting a higher standard in at-heights safety with innovative solutions, immersive education and a proactive game plan to stop drops and the damage done.

We all know the ABCs of human fall protection. But what about the "3Ts" of fall protection for tools and equipment?



#### THE 3Ts OF DROPS PREVENTION

#### 1 // TRAPPED **CREATING** CONNECTION **POINTS ON TOOLS &**

**EQUIPMENT:** Trapping

refers to retrofitting a connection point onto a tool or primary anchor for a safer attachment point. Most tools do not come with a secure attachment point built into the tool. In these situations, a secure attachment point must be created.

### 2 // TETHERED

TOOLS/GEAR & **ANCHOR POINTS:** 

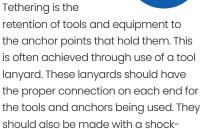
retention of tools and equipment to the anchor points that hold them. This is often achieved through use of a tool lanyard. These lanyards should have should also be made with a shockabsorbing design whenever possible.

#### **3 // TOPPED**

SECURE CLOSURE ON **CONTAINERS FOR TOOLS & EQUIPMENT:** 

Tool pouches, bags and hoist buckets/bags should have a secure closure or "top" that can cover contents and prevent them from spilling if tipped. All containers may have tethering points available to attach tool lanyards but, if a container does not have a secure closure, it must have these tethering points available.

### **RETENTION BETWEEN**



#### 2021-2022 // AUSTRALIA & NEW ZEALAND REPORTS







FALLING & MOVING OBJECTS / WWW.SAFEWORKAUSTRALIA.GOV.AU / WWW.AIHW.GOV.AU / WWW.DATA.WORKSAFE.GOVT.NZ

230 WORK SITE DEATHS IN THE LAST DECADE ...AND WHO KNOWS HOW MANY CLOSE CALLS



**TOOL TRAPS, TETHERS & LANYARDS** 

SOLUTIONS FOR A DROP FREE ZONE





### **3105 Single Carabiner Tool Lanyard**

The Ergodyne 3105 Single Carabiner Tool Lanyard features a locking screw-gate captive-eye aluminum carabiner on one end and a low-profile cinch loop on the other to tether tools up to 6.8kg and prevent dropped or falling objects from occurring on the job.









Built to withstand defined weight limits and can easily be used by any worker to help avoid accidentally dropping objects that could cause damage, injuries or possibly death. This tool tether is third-party certified to 6.8kg maximum capacity to meet the ANSI/ISEA 121-2018 standard and includes all required labeling. Ideal for those who need to tether tools in industries like construction, telecommunications, oil and gas, power generation, utilities, wind energy, manufacturing or other jobs at heights.

- Captive eye design better predicts the direction of load on carabiner and prevents lanyard from sliding into carabiner gate
- Locking screw gate aluminium carabiner for easy, secure attachment to tools
- Lanyard Length 82-122cm
- Third party certified to 6.8kg maximum working capacity with a 2:1 safety factor
- Elastic webbing reduces snag hazards and tangles





#### TOOL TAILS

### **3700 Tool Lanyard Web Tool Tails 6 Pack**

- Approved to the ANSI/ISEA 121-2018 standard
- Third party certified to a 0.9kg maximum working capacity with a 2:1 safety factor
- Retrofit attachment point for tool tethering
- Heavy-duty nylon webbing, high tensile strength nylon thread and double stitched web catch for durability in harsh conditions
- Durable D-RING captive hole for attaching tool lanyards
- Multi-packs lengths: Medium: 11.5cm, Long: 14cm



VARIETY PACK SKU:19701 / 11.5cm SKU:19704 / 14cm SKU:19705

**3700** 

#### ACCESSORIES

### **3755 Self Adhering Tape Trap 3.7m Roll**

- Approved to the ANSI/ISEA 121-2018 standard
- Requires no heat source for application
- No adhesives so it can be removed with no mess
- Fibreglass reinforcement for added durability
- Provides added grip to the handle of a tool
- Maximum safe working capacity: 6.8 kg depending on length, tool, tail and lanyard used
- 3.7m length x 2.5cm width



#### SKU:19755

#### TOOL TAILS

### **3713 Elastic Loop Tool Tails Swivel 3-Pack**

- Plated swivelling connection
- Stretch cord with tubular nylon webbing
- Use with tool trap to create retrofit tether point
- Doubles as an anchor loop for belt, harness or separate structure
- ANSI/ISEA 121-2018 standard
- Maximum safe working capacity 4.6kg
- Third-party certified to a 2:1 safety factor
- Adjustable barrel lock for tool attachment
- Fully enclosed O-ring
- Standard length: 38cm





#### **TOOL TRAPS, TETHERS & LANYARDS**



#### TOOL TAILS

#### **3704 Wire Tool Attachment Screw Gate Tool Tail 6 Pack**

- Approved to the ANSI/ISEA 121-2018 standard
- Stainless-steel cable wire is corrosion resistant to withstand weathering
- Orange PU coating over cable wire for added protection and durability
- Easily loops to create a one-step attachment point
- Designed to safety tether small captive holes on tools
- Maximum tethering capacity of 0.9kg
- Extended length 15cm





#### SKU:19707

TOOL ATTACHMENT

### **Squids 3785 Split Ring Tool Attachment 10-Pack**

Approved to the ANSI/ISEA 121-2018 standard

- Third-party certified to an 0.9kg maximum working capacity
- Designed to create retrofit larger attachment points on tools with small captive holes for tool tethering
- Built with strong, plated steel, these split rings are durable
- Secure installation with ring pliers to open and thread wire through a small hole until the ring is fully connected



#### SKU:19786

#### TOOL TRAP

#### **3770 Tape Measure** Holder + Belt Clip

- Approved to the ANSI/ISEA 121-2018 Standard
- 1200D and 600D polyester main material for long life and durability
- Easy to use hook and loop straps secure tape measure inside trap for safe and easy tethering
- Includes strong zinc-plated cast alloy D-Ring for
- Stainless steel belt clip securely attaches to a tool belt
- Maximum safe working capacity of 0.9kg
- Fits tape measures from 5m 8m
- Patented design







TOOL TRAP

#### **3780 Power Tool Trap**

- Approved to the ANSI/ISEA 121-2018 standard
- 1000D nylon with water resistant backing
- Two hook and loop straps secure battery boot to drill battery for safe and easy tethering
- Nickel-plated cast iron D-Ring
- 3780L: Maximum safe working capacity: 4.5kg
- Large fits cordless power tool batteries up to:
   12.5cm x 9cm x 9cm
- Patented design



SKU:19784

#### TOOL TRAP

#### **3772 Radio Holster Trap**

- Tested and approved to ANSI/ISEA 121-2018 compliant
- Durable, secure and rugged polyester with heavy-duty elastic hook & loop straps protect expensive radios
- Tether ring is zinc-plated cast alloy D-Ring on back for tethering to tool lanyards
- Easy installation elastic hook and loop straps secure radio inside trap
- Fits large radios 5cm x 4cm x 13cm
- Safe working capacity: 0.9kg
- Patent pending













#### WRIST LANYARD

#### 3114 Pull-On Wrist Lanyard + Carabiner

- Approved to the ANSI/ISEA 121-2018 standard
- Elastic maintains snug fit
- Pull-on design is easy to take on and off
- One size fits all
- Stainless steel (#304) carabiner for easy tool attachment
- Patented design
- Maximum safe working capacity: 1.4 kg
- Third party tested using a 2:1 safety factor







#### WRIST LANYARD

#### **3115 Wrist Tool Lanyard**

- Approved to the ANSI/ISEA 121-2018 standard
- Polyester webbing cuff secures to wrist
- Energy absorbing ribbed pull cord
- Adjustable loop with barrel lock for tool attachment
- Short length improves the drop clearance needed
- Wrist Measurement: S/M 13cm 8cm
- Tether length: 19cm
- Maximum safe working capacity: 0.9kg
- Third-party certified to a 2:1 safety factor

#### S-M SKU:19042 / L-XL SKU:19052



#### HARD HAT LANYARD

#### **3155 Elastic Tool Lanyard + Clamp**

- Comfortable, durable high stretch elastic material to withstand even the roughest conditions
- Easily attaches to hard hats and other small hand tools for safekeeping
- Quick connect clamp attaches securely to fabric
- Tethering loop to securely connect to an anchor or tool attachment
- Relaxed length 46cm; extended length 122cm
- Maximum safe working capacity: 0.9kg
- Third-party certified to a 2:1 safety factor

#### SKU:19155



#### HARD HAT LANYARD

#### **3158 Coil Tool Lanyard** + Clamp

- Low-profile durable plastic coil to withstand even the toughest conditions
- Easily attaches to hard hats and other small hand tools for safekeeping
- · Coiled lanyard design prevents snag and tangle hazards
- Quick connect clamp attaches securely to fabric
- Tethering loop to securely connect to an anchor or tool attachment
- Coiled length 30cm; extended length 122cm
- Maximum safe working capacity: 0.9kg
- Third-party certified to a 2:1 safety factor







ACCESSORIES

#### **3175 Accessory Anchor**

- Approved to the ANSI/ISEA 121-2018 standard
- Heavy-duty 45mm polyester webbing
- Nickel-plated iron D-Ring
- 840D nylon wear protector sleeve
- Not for climbing or fall arrest
- 60cm length
- Used with Tape Trap; creates retrofit connection point
- Static anchor maximum safe working capacity: 181kg
- Tool Tail maximum safe working capacity: 18kg



SKU:19175

#### ACCESSORIES

### 3151 Coil Lanyard Swivel Hook & Detachable Loop + **Mini Adhesive Mount**

- Keep phones, small tools, and accessories close by and ready while also preventing costly drops
- Low profile lanyard reduces snags and tangles
- Rotates 360° degrees and features a thumb action lever for quick and snag-free attachment
- Micro-loop end threads through small captive holes of mini adhesive mounts
- Detachable micro-loop end with modular buckle easily detaches for quick exchange
- Includes 3 self-adhesive mounts







#### SKU:19160

TOOL LANYARD

### **3101 Single Carabiner**

#### **Tool Lanyard** Energy absorbing cord with tubular nylon

- webbing
- Manual locking stainless steel carabiners (#304)
- Captive eye carabiner
- Reflective accent for higher visibility
- Lock stitching at both ends for extra security
- Maximum safe working capacity: 6.8kg
- Third-party certified to a 2:1 safety factor
- Length 107cm-137cm





#### **TOOL TRAPS, TETHERS & LANYARDS**

### SOLUTIONS FOR A DROP FREE ZONE



#### TOOL LANYARD

#### 3102F(x) Single **Carabiner Detachable Tool Lanvard**

- Approved to the ANSI/ISEA 121-2018 standard
- Durable 1680D shock-absorbing poly webbing
- Aluminium alloy carabiner with locking screwgate and captive eye
- Heavy-duty design tethers tools up to 2.3kg
- Lightweight design reduces snag hazards
- Modular buckle for quickly exchanging tools
- Third-party tested using a 2:1 safety factor
- Lanyard size: 96cm 122cm

#### SKU:19864

#### TOOL LANYARD

#### 3108F(x) Tool Lanyard **Single Locking Carabiner**

- Approved to the ANSI/ISEA 121-2018 standard
- Shock absorbing properties reduce the dynamic force on the body or other anchor point if drop occurs
- Durable 1680 denier polyester elastic blended webbing
- Low profile lightweight design reduces snags
- Anodized aluminium alloy carabiner with double action locking gate and inherent captive eye
- Ergonomic easy gripping and handling with gloves
- Single length construction eliminates weak points seen with multi-component lanyards
- Third party certified to 6.8kg with 2:1 safety factor

#### SKU:19808

#### TOOL LANYARD

### 3109F(x) Double-Locking Single Carabiner Tool Lanyard + Swivel

- Approved to the ANSI/ISEA 121-2018 standard
- Shock absorbing properties reduce the dynamic force on the body with a durable 1680 denier polyester elastic blended webbing extends from 96-122cm
- Low profile lightweight design reduces snag hazards
- Anodized aluminium alloy swivelling carabiner with double action locking gate and inherent captive eye
- Easy gripping and handling with gloves
- Treaded loop end that grips the tool when attached
- High strength 3-ply nylon stitching secures connecting ends
- Single length construction eliminates weak points
- Third party certified to 11.3kg with 2:1 safety factor











### 3100F(x) Tool Lanyard Single Carabiner

- Approved to the ANSI/ISEA 121-2018 standard
- Shock absorbing properties reduce the dynamic force on the body
- Durable 1680 denier polyester elastic blended webbing extends from 96-122cm
- Low profile lightweight design reduces snag hazards
- Anodized aluminium alloy carabiner with captive eye
- Treaded loop end that grips the tool when attached
- High strength 3-ply nylon stitching
- Single length construction eliminates weak points
- Third party certified to 4.5kg with 2:1 safety factor

#### SKU:19802

#### TOOL LANYARD

### 3110F(x) Tool Lanyard Dual Carabiner

- Approved to the ANSI/ISEA 121-2018 standard
- Shock absorbing properties reduce the dynamic force on the body or other anchor point if drop occurs
- Durable 1680 denier polyester elastic blended webbing extends from 96-122cm
- Low profile lightweight design reduces snag hazards and added weight
- Anodized aluminium alloy carabiner with captive eye on both ends
- High strength 3-ply nylon stitching
- Single length construction eliminates weak points
- Third party certified to 4.5kg with 2:1 safety factor

#### SKU:19822

#### TOOL LANYARD

### 3118F(x) Dual Carabiner Tool Lanyard

- Approved to the ANSI/ISEA 121-2018 standard
- Shock absorbing properties reduce the dynamic force on the body
- Durable 1680 denier polyester elastic blended webbing extends from 96-122cm
- Low profile lightweight design reduces snags
- Anodized aluminium alloy carabiners with double action locking gate and inherent captive eye
- Easy gripping and handling with gloves
- High strength 3-ply nylon stitching
- Single length construction eliminates weak
- Third party certified to 6.8kg with 2:1 safety factor









#### 3119F(x) Double-Locking Dual **Carabiner Tool Lanyard + Swivel**

- Approved to the ANSI/ISEA 121-2018 standard
- Shock absorbing properties reduce the dynamic force on the body
- Durable 1680 denier polyester elastic blended webbing extends from 96-122cm
- Low profile lightweight design reduces snags
- Anodized aluminium alloy swivelling carabiners
- Easy gripping and handling with gloves
- High strength 3-ply nylon stitching secures connecting ends
- Single length construction eliminates weak points
- Third party certified to 11.3kg with 2:1 safety factor

#### SKU:19829

#### TOOL LANYARD

#### **3129 Tool Lanyard Double-Locking Single Carabiner**

- Approved to the ANSI/ISEA 121-2018 standard
- Non-shock absorbing webbing provides better protection for heavier tools and lasts longer
- Designed to be attached to the structure being worked on instead of the worker
- Single-length construction eliminates weak points
- Convenient non-slip control
- Double-action locking carabiner
- Swivelling carabiner prevents entanglement
- Heavy-gauge nylon stitching for strength and durability
- Third party certified to 18kg with a 2:1 safety factor
- Lanyard dimensions: 193cm

#### SKU:19137

#### TOOL LANYARD

#### 3148 Tool Lanyard XL **Carabiner + Loop**

- Approved to the ANSI/ISEA 121-2018 standard
- Third-party certified to an 36kg maximum working capacity with a 2:1 safety factor
- Attach to the structure or job site being worked on instead of the worker
- Aluminium heavy-duty double-locking XL carabiner
- Gripping material securely attaches to large tools or the structure being worked on
- Non-shock absorbing webbing
- Heavy-gauge nylon stitching provides durability
- Single-length construction eliminates weak points
- Lanyard dimensions: 93cm



















ACCESSORIES

#### **5560 Tool Belt Suspenders**

- Secures and supports tool belts with spring-loaded clips easily attach to any tool belt or rig
- Thick foam shoulder padding and gel at key riding points to evenly disperse weight, relieving pressure from the hips and back
- Nickel-plated clips and heavy-duty, punctureresistant 1680D polyester for long-lasting wear
- Quick and easy adjust suspenders for a comfortable, custom fit on a variety of body sizes
- Dual D-Rings for attaching keys, glove clips, tool lanyards and more
- One size fits most straps extend from 91-121cm

SKU:13665







**5560** 

#### ACCESSORIES

### 5555 5-Inch Padded Work Belt

- 5in Tool Belt: Comfortable, padded tool belt for easy rig support.
- 1680D ballistic polyester
- Thick, vented foam padding for comfort
- Nickel-plated 2in double tongue metal roller buckle
- Nickel-plated grommets set firmly for durability
- Nickel-plated suspender anchors







5555

#### M SKU:13656 / L SKU:13657 / XL SKU:13658 / XXL SKU:13659

#### TOOL BAG

#### 5180 Half Face Respirator Bag - Waist Strap, Hook + Loop Flap

- Protect expensive respirators 420D nylon protects half face respirators
- Waist buckle included strap around waist to keep respirators within reach
- Dust protection cover Prevents dust and debris from damaging respirators
- One-handed closure hook and loop closure makes it easy to quickly access your mask with one hand
- Dimensions: 22cm x 9cm x 17cm
- Washable: Hand wash, air dry





#### **TOOL TRAPS, TETHERS & LANYARDS**

### SOLUTIONS FOR A DROP FREE ZONE



#### TOOL BAG

#### 5960 Canvas Hoist Bucket + **D-Rings 68kg**

- 24 oz. canvas main material
- Synthetic leather reinforced base
- Molded plastic top ring to maintain wide opening
- High tensile strength web handle with leather reinforcement
- Zinc plated alloy steel d-ring on handle for hoisting
- Heavy-gauge nylon stitching
- Interior pocket and patented nickel-plated storm drain
- Maximum safe working capacity: 68kg
- Maximum safe tool tether anchor capacity: 9kg on each D-Ring
- Third-party certified to a 5:1 safety factor
- Dimensions: 32cm D x 43cm H

#### SKU:14960

#### TOOL BAG

#### **5928 Topped Bolt Bag Tool** Pouch 9.1kg

- Approved to the ANSI/ISEA 121-2018 standard
- Prevents dropped objects, third-party certified to a 9.1kg maximum pouch load
- Durable 1680D ballistic polyester exterior with 600D polyester ripstop lining and nickel-plated rivets for reinforcement
- One-handed cinch top drawstring closure for convenient access and secure storage of tools while at heights
- Hi-vis orange lining for easily locating small tools and hardware
- Two exterior D-Rings for tool lanyards 2.3kg max capacity
- Tunnel belt loop easily attaches to work belts

#### SKU:13428

#### TOOL BAG

#### **5974 Large Nylon Hoist Bucket Tool Bag 45kg**

- Approved to the ANSI/ISEA 121-2018 standard
- Prevents dropped objects, third-party certified to a 45kg maximum safe working capacity
- Built to last 1200D nylon with 840D nylon top, heavy-gauge nylon stitching, reinforced synthetic leather base
- YKK zipper closure and high-tensile reinforced webbing handle for rugged durability ensures tools do not spill out
- Molded top ring maintains wide opening for easy viewing and access to tools
- Double-action carabiner with captive eye prevents tangles and enables safe lifting to heights
- Dimensions: 32cm D x 43cm H























### **3130S Coiled Cable Lanyard**

- Approved to the ANSI/ISEA 121-2018 standard
- Innovative design tethers tools up to 0.9kg
- Captive eye carabiner
- Constructed with PU-covered aircraft cable
- Stainless steel carabiners (#304)
- Coil design prevents snag and tangle hazards
- Coiled design reduces recoil force preventing aggressive snap back
- Extended length 123cm



#### SKU:19130

#### TOOL LANYARD

### **3130M Coiled Cable Lanyard**

- Approved to the ANSI/ISEA 121-2018 standard
- Constructed with PU-covered aircraft cable
- Heavy-duty design tethers tools up to 2.3kg
- Captive eye carabiner
- Stainless steel carabiners (#304)
- Coil design prevents snag and tangle hazards
- Swivelling design prevents tangles and fast recoil
- Extended length 123cm







#### 3001 Retractable Tool **Lanyard + Carabiner & Loop Attachments**

- Approved to the ANSI/ISEA 121-2018 standard
- Made to secure hand tools up to .9kgs
- Locks into fixed lengths
- Lightweight manual locking stainless-steel carabiner anchor and a choking loop
- Lightweight, low profile retractable design with an extendable length up to 122cm
- Plated swivelling ring for 360-degree rotation works well with rotating tools to reduce tangles



SKU:19301

TOOL LANYARD

### **3011Retractable Tool**

**Lanyard + Carabiner Mount** 

- Approved to the ANSI/ISEA 121-2018 standard
- Durable ABS plastic housing for extreme durability
- Trigger switch locks cord into fixed lengths to take the tension out
- Dual double-locking carabiners for secure attachment
- Heavy-duty design tethers tools up to 3.6kg
- Built-in swivel to prevent tangles and binds
- Lightweight cord is durable and cut resistant
- Extendable length up to 122cm



SKU:19311

### **THE STANDARD**

#### ANSI/ISEA 121 A HIGHER STANDARD IN AT-HEIGHTS SAFETY



Recognising the pressing need for formal guidelines within the category of Objects at Heights, leading safety equipment manufacturers like Ergodyne joined forces with the International Safety Equipment Association (ISEA) to develop a standard for tethering and transporting tools and equipment. ANSI/ISEA 121-2018 is the first standard for this type of equipment. Similar to ANSI Z359 for fall protection, ANSI/ISEA 121-2018 is recognised as industry best practice. Though not directly enforceable by Safe Work Australia, the standard can be referred to under the General Duty Clause to interpret a better way for protecting workers against falling objects. The current standard focuses on four classes of preventative solutions actively used by workers to mitigate dropped objects: tool attachments, anchor attachments, tool tethers and containers. The measure does not address things like passive preventative solutions (netting, toe boards, etc.) or best practices in the field-like telling workers where they should connect a tool lanyard on their harnesses.

**TOPPED: ARSENAL GEAR** 

Hoist it. Holster it. Haul it. Spend less

time thinking about the best way to

safely bring what you need above

about your regularly scheduled

conundrum with Arsenal Gear +

ground level and more time thinking

+ TOOL STORAGE



# DESIGN & TESTING ESTED TO BE TRUSTE

 $^\prime$ EVERY COMPONENT IS STRINGENTLY TESTED AT A CERTIFIED, THIRD-PARTY TESTING LAB

**TETHERED: SQUIDS EQUIPMENT** 

Don't let your drops prevention solution

become part of the problem. With

workspace, Squids Lanyards make

game of safety whack-a-mole trying

sure you don't get twisted up in a

mindful considerations for every

#### TRAPPED: SQUIDS TOOL + **ANCHOR ATTACHMENTS**

A hold-on-tight tethering point for every tool. From power tools to water bottles, you've got the hookup with Squids Tool + Anchor Attachments - helping create an ANSI-approved tethering point on just about anything.

#### **POWER TOOLS**

Retrofit tethering points for power tools can get clunky. Squids Tool + Anchor Attachments stay out of the way of tool operation.



#### **HAND TOOLS**

to squash the drops.

From spud wrench to the smallest wee little hex wrench, you'll find a Squids solution to tie off hand tools of any size, shape or weight.

RETRACTABLE

Eliminate the octopus

effect with retractable

designs that limit snag

hazards and keep a low

profile when anchored.

+ TOOL LANYARDS



#### **DEVICES**

Tool Storage.

Avoid dropped calls and tape measures. If it's going up, we've got solutions to lock it down.



#### **SHOCK ABSORBING**

Don't let your lanyard drag you down. Shockabsorbing designs help reduce the dynamic force on the body if a drop occurs.



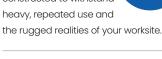
#### **TETHER POINTS**

Add more ANSI-rated attachment points to your tool rig while also housing small parts and hardware.



#### **RESILIENT MATERIALS**

Designed and constructed to withstand heavy, repeated use and



#### **SECURE CLOSURES**

Keep tools, gear and hardware secure when your world gets turned upside down.



#### **HEAVY-DUTY** CONSTRUCTION

Hard work is hard on gear. Arsenal Gear is built and tested to hold up to extreme environments and use.





SCAN THE QR CODE DOWNLOAD THE DROP FREE ZONE CATALOGUE



SCAN THE QR CODE

**SEE THE ENTIRE RANGE** ON THE PRYME WEBSITE

