

WORKPLACE SAFETY RANGE

PSC Workplace Safety GuideBook - 2017

Index

S.No	Slide Description	Slide Number
1	About PSC	<u>3</u>
2	Introduction Workplace Safety	<u>4</u>
3	Safety First	<u>5</u>
4	Slips-Trips-Falls	<u>6 – 16</u>
5	Drop Object Prevention	<u>17 – 22</u>
6	Confined Space Safety	<u>23 – 32</u>
7	Storage Safety	<u>33 – 34</u>
8	Workplace Eye Protection Range	<u>35 – 36</u>
9	Hose Protection Range	<u>37</u>
10	Fire Protection Range	<u>38 – 39</u>
11	Electrical Safety	<u>40 – 42</u>
12	Explosion Safety	<u>43 – 44</u>
13	Protrusion Hazards	<u>45</u>
14	Suspended Loads Safety	<u>46 – 47</u>
15	Hands-Off Safety Range	<u>48</u>
16	Lifting Safety	<u>49 – 53</u>
17	Index to Other PSC GuideBooks	<u>54</u>
18	Contact Us	<u>55</u>



About PSC

Project Sales Corporation (PSC) aims to be the first choice for customers by differentiating ourselves through application based expertise.

PSC with limited high potential customers provides the most complete range of solutions to minimize downtime, enhance production and improving workplace safety. Our product range is not determined by what generally sells in the local markets, but by products that have set a benchmark somewhere in the globe in adding value to organizations positively and creating a difference.

With over \$1 million in annual revenues which comes from making your workplaces safer, we are now completely invested in your safety!

Headed by Satish Agrawal, PSC offers over 100 product lines in head to toe protection, and a dozen in workplace injury risk mitigation, with brands that are approved by oil & gas operators, we are undoubtedly your best choice when it comes to making your employees feel safe at workplaces.

With large inventory in stock our warehouses in Kakinada and Visakhapatnam showcases the best in protection, the world has to offer. A 2000 sft. safety store in Kakinada stocks the key brands from the industrial safety sector.

Partner with us in this initiative to give your people what they deserve to make them go home safe, only the best ! After all that's what you expect from them at work as well.



Introduction - Workplace Safety

No matter the size or type of the industry, workplace safety procedures are a necessity for all organisations. Safety measures protect employees as well as equipment and business property. Avoiding or minimizing injuries and damage to the equipment and facilities will result in fewer expenses and more profitability.

Workplace safety results in

- Fewer accidents, which results in fewer costs for worker's compensation
- Less down time for employees
- Less retraining time for workers otherwise needed to replace an injured worker.
- Avoiding damage to equipment will result in fewer repair costs.

Worker performance is improved when workers know how to prevent injuries and have confidence in management's active role in protecting their safety.

Workplace safety is all we do to improve the safety in work spaces. The work zone can pose several dangers that can cause injuries, so our objective is to mitigate those risks with products and solutions.



Safety First

Look out for these symbols before entering your workspace area.
Be safe!



Slips-Trips-Falls

Whether you are looking for just spill absorbents or spill containment pallets or customised spill kits, we stocks one of the most exhaustive range of spill control products. You can find stocks of oil and hazmat absorbents pads, booms, pillows, socks, granules, portable kits, large customised kits, PVC shoe covers, acid neutralisers, plugging putties, leak stop epoxies, aprons, slicker suits, non sparking shovels and so much more.

Brands available in this segment includes

- SPC for Spill Protection
- Anti Skid Tapes
- Vigil for anti-skid plates on ladder steps
- 5S Tapes
- Spill Absorbents
- Spill Pallets
- Tidy Hooks
- Equipment Tags from Scafftags
- DBI Sala Fall Protection Range



➤ **SPC for Spill Protection**

Emergency response kits to handle any type of spill

Accidents do happen, so it's better to be prepared. Brady offers a complete selection of SPC spill kits in a variety of types and sizes to equip you with everything you need to clean-up accidents when they happen. Quickly and easily clean-up spills of oils, solvents, coolants and other fluids. They are ideal for fast response to critical accidents.

Spill Kits range includes

- MAXX Packs
- Economy Spill Kits
- Attack Pac™ Spill Kit
- Economy Spill Kit
- Emergency Spill Sak
- Customized Spill Kits



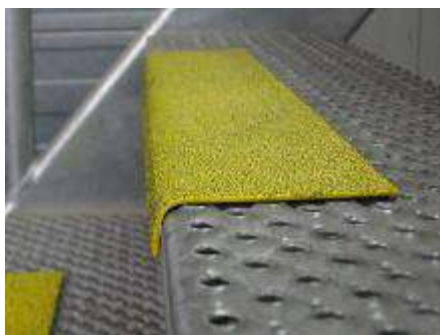
➤ Vigil Stair Nosings

Head-first or backwards, a fall on a stairway - even a small flight - can kill or cause major trauma. Adverse environmental conditions or the presence of lubricants, fluids and other contaminants will magnify the risk enormously.



Vigil Anti-slip Stair Nosings guard against the multiple dangers of polished, worn or cracked stairs in places exposed to weather or fluid spills by eliminating the slip hazard and reprofiling the leading edge of the stairs and increasing the shoe contact area.

Vigil Anti-slip Stair Nosings offer high visibility whilst both ascending or descending. Most importantly, the aggregate on the nosing's leading edge (the danger point) will not dislodge or wear, a claim only made and backed up by Vigil Anti-slip.











Vigil Anti-slip Stair Nosings can be fitted permanently in seconds without the risk of being loosened by vibrations or heavy use.



➤ 5S Tapes

Tapes can help you identify areas and processes, as well as keep the workplace organized. These tapes are important for maintenance, emergencies, organization and safety.

5S Floor Marking Color Standard

Color		Used For
Yellow		Aisle ways, traffic lanes and work cells
White		Equipments and fixtures (workstations, carts, floor stand displays, racks, etc.)
Blue, Green or Black		Materials and components, including raw materials, work-in-progress and finished goods
Orange		Materials or products held for inspection
Red		Defects, scrap, rework, and red tag areas
Red & White		Areas to be kept clear for safety/compliance reasons (e.g., areas, in front of electrical panels, firefighting equipment, and safety equipment such as eyewash stations, safety showers, and first aid stations)
Black & White		Areas to be kept clear for operational purposes (not related to safety and compliance)
Black & Yellow		Areas that may expose employees to special physical or health hazards



Examples

Aisleways & traffic lanes
(yellow)



Work cells
(yellow)



Equipment
(white)



Material storage areas (green, blue and/or black)



QA inspection (orange)



Defects/scrap/rework (red)



Keep clear – operational (black/white)



Keep clear – safety (red/white)



Hazard area (black/yellow)



Photo Courtesy: Brady



➤ Spill Absorbents

Any liquid spill in your facility or surrounding area has the potential to spread very quickly unless it is properly dealt with using the correct spill equipment. If you are working with oils on a daily basis there is the added potential for environmental damage if any spills occur, especially if they happen on nearby waters.

It is critical to act fast and respond in the correct way when an oil spill happens on land or water to prevent slip and fall accidents and costly fines from environmental damage. The first step towards being prepared for oil spills is having oil absorbents readily available in or around your facility to contain and clean up oil spills.

Range includes

- Absorbent Mats
- Socks
- Booms
- Pillows



➤ Spill Pallets & Decks

First generation of spill containment products are designed with your efficiency in mind — keeping your employees and work environment safe from unexpected drum spills or leaks.

Spill containment range includes

- Spill Pallets - Whether you are looking to comply with governmental secondary containment regulations or just want the security of knowing your facility is protected, SPC spill pallets offer ample capacity.
- Spill Decks – With their 21-gallon capacity, these low profile, two-drum spill decks are a cost effective means for containing potentially hazardous leaks in your drum storage and dispensing areas. Each modular deck has built in clips to easily and safely connect multiple decks to create a customized drum storage platform.



Photo Courtesy: Brady Pallets & Decks



➤ PSC Tidy Hooks

Stop Drop. Avoid Slips, Trips, Falls. Spark Resistant.

Hoses & cables that are left untidy in a workplace, can cause serious tripping hazards and lead to injury. Project Sales Corp introduces the innovative S Hook safety system. The PSC S Hook is ideal for keeping all types of hoses & cables Tidy, resulting in a safer environment in the workplace.



This S Hook safety system can assist with creating a safe and non-hazardous work area by keeping all your cables and hoses off the ground where they would otherwise be causing tripping hazards. Slip and trip accidents can happen at any time and for a number of reasons, evidence shows that bad housekeeping, untidy work areas are the main cause of many workplace injuries and accidents.

Benefits of PSC S HOOK

- Tidy storage of shutdown hose and cable runs – preventing trip hazards.
- Secure, tight fit over scaffold poles and handrails – preventing inadvertent removal or being blown/knocked off.
- Soft rubber coating over metallic core – preventing potential sparks or damage to plant and personnel if dropped.
- Neoprene rubber coating – resistant to ozone and atmospheric ageing, resistant to oil and lubricant contamination, self extinguishing.
- Soft rubber tongue – allowing easy loading/unloading of cables/hoses and securing in place whilst in use.
- SWL tested to 50KG's – SHOULD NOT BE USED AS LIFTING HOOK.
- Tagging Ring - for identification purposes when laying out hoses and cables.



➤ Scafftag Equipment

Equipment tagging systems from Scafftag provide you with all the tools you need to inspect your ladders, scaffolding and other height equipment to improve safety in the workplace. Ensure all important inspection information is clearly displayed with inspection tags, inserts and holders.



Drop Object Prevention

Regulators and professionals acknowledge the serious, life-threatening risks of falling objects and are, therefore, instilling rules to ensure proper dropped object protection precautions are followed in the workplace.

Safety of tools and equipment at heights involves the organization and securing of these objects, whether in use or not. Hard hats and steel toes help reduce the damage but in the hierarchy of controls one wants to eliminate the hazard all together if it's a possibility.

Brands in the drop object prevention segment

- Ergodyne
- Python
- PSC No Drop Safety Nets
- Tool Tethers & Lanyards
- Lighting Fixture Safety Cable



➤ PSC No Drop Safety Nets

The PSC No Drop Safety Nets are safety devices that enclose and tether overhead fixtures (e.g. lights, beacons, speakers, self-retracting lifelines, CCTV cameras, anodes, pipe clamps, etc.) located above personnel or important equipment.

The net fully encloses the item being secured, while the integrated securing cable attaches around a structural attachment point, preventing both the item and fixture components from dropping or falling.

Features

- Designed and tested to over five times (5X) the product Safe Working Load (SWL)
- Withstands extreme high/low temperatures up to 500°C (932°F)/-40°C (-40°F) respectively.
- Able to retain most fixture mounting brackets (if SWL not exceeded)
- SUS/AISI 316 stainless steel wire and components
- Available for a wide range of fixtures (custom designs also available)



Photo Courtesy: Dropsafe



➤ Python Drop Prevention Tools

D-Rings

- These D-Rings are used with Quick Wrap Tape to create instant attachment points on tools.
- D-Rings can be attached to virtually any tool under 5 lbs or 2 lbs
- Creates an instant attachment point in less than a minute.
- Dual D-Rings allow for 100% Tool Tie-Off during tool transfers.



Quick Rings

- Quick Rings are an economical solution for tethering tools quickly.
- Allow many tools up to 2 lbs to be made tether ready.
- Ring pliers can be used to make Quick Ring installation easier.
- Quick Rings can be threaded through a pre-drilled hole on a tool to create an instant attachment point.



Photo Courtesy: Python



➤ PSC Tools & Tapes

Used for securing a safe connection to tools like no other tool attachment tape on the market. Quickly wraps on a variety of hand tools, power tools and other equipment providing security and added grip. Sealed and set with heat application to finish application and secure.



PSC Tool Tapes



Tool shackles s/m/l/xl
Rated 6.8 kgs



Web Tool Tails
9-21 cms 1 kg rated



➤ PSC Lanyards

Retractable lanyards



Heavy duty tool lanyards with single And double carabiners



LANYARDS with carabiners 4.5 kgs Load capacity

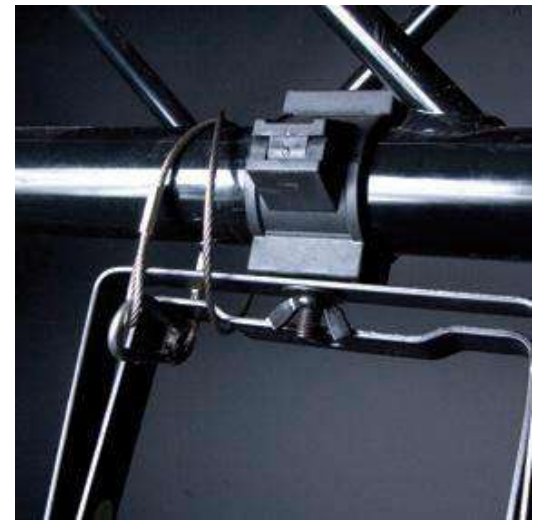


LANYARDS with carabiners 6.8 kgs Load capacity



➤ **Lighting Fixture Safety Cable**

- Safety cable to secure hanging lights mounted with any type of clamp.
- A second line of defense against a unit falling from the truss
- Recommended to go with any lighting sale
- Clasp at one end and a closed loop on the other. Rated at 60 lbs to be used as a safety device not the primary hanging apparatus
- Safety Cable Rated At 60lbs to act as a secondary safety cable to secure items to a truss or stand.
- Size – 1.2meters
- Available with snap hook on one end.
- Can be third party tested if required.
- Part Number – PSC-LFSC



Confined Space Safety

A number of people are killed or seriously injured in confined spaces each year. This happens in a wide range of industries, from those involving complex plant to simple storage vessels. Those killed include people working in the confined space and those who try to rescue them without proper training and equipment.

In the rigs there are several tanks and silos, engine rooms, etc where due to lack of oxygen and presence of other gases can cause problems.

Some confined spaces are fairly easy to identify, Eg., enclosures with limited openings:

- Storage Tanks;
- Silos;
- Reaction Vessels;
- Enclosed Drains;
- Sewers

Brands available

- PSC NightStick - Intrinsically Safe Flash Lights
- SA Equip
- Ericsson
- DBI Sala



➤ PSC Nightstick – Flashlight Range

Flashlights: Designed for distance illumination. The centre spot makes them too bright for objects that are close.

Dual-Light™ Flashlight: Combines a flashlight & a floodlight into the same light. Two lighting tools in one. Completely transforming the way hand-held lights are used.

Dual-Light Headlights: Dual-Light design, combining a flashlight and a floodlight into a single light with the ability to turn both on simultaneously for added versatility and safety, is altering the idea of what a flashlight is.

Nightstick Intrinsicly Safe AAA Penlight: Safety rated LED penlight - intrinsicly safe (Class I, II, III, Div 1); runs for 18 hours on AAA batteries; integrated pocket clip; waterproof - great for oil & gas drilling operations



Photo Courtesy: Nightstick Range



➤ SA EQUIP

HEAT, LIGHT, AIR, POWER

SA Equip allows control of temperature, airflow, illumination and distribution of power - safely and efficiently in dangerous, potentially explosive environments. SA Equip have a complete range of ATEX & IECEx certified Portable Lighting, Heating, Power Distribution & Ventilation.

Products available are

- SA Flexiheat
- SA Lumin
- SA Powernet
- SA Cyclone



➤ SA FlexiHeat

HeatBox: Portable SA FLEXIHEAT EX HeatBox stores containers of paint, PFP, grease at their optimum temperatures right next to your application, even in a Zone 1 Hazardous area. This has been proven to deliver extensive financial savings as there is no longer the need to constantly carry products between heated stores and work site. It also means that the entire content of the containers can be used, rather than wasting a percentage due to product solidifying.



Heater: The powerful SA FLEXIHEAT EX Heater gets directly to your work area and heats it fast, whatever the conditions. With a compact, lightweight, ergonomic design, you can put it precisely where you need it, in minutes, with or without ducting, with no need for a standby man. It lets you get on with the job where and when you need to, at temperatures as low as -20°C, saving you time, risk and money on tasks like painting, coating and composite repairs.



Photo Courtesy: SA Equip

EX Pipe Heating Jackets: give you a safe, effective and super-fast alternative to expensive and complex systems – they're perfect for use where trace heating fails, or is difficult to install. They simply and quickly wrap around pipes wherever low temperatures cause the contents to wax and solidify and can be installed by one worker within seconds.



➤ SA Lumin

Light - the right kind of bright, pure, dependable light - is pretty much essential for almost any kind of work. In a potentially dangerous environment, a safe and reliable light source can be a matter of life and death.

From a hand-held torch weighing 145g to entire semi-permanent emergency lighting systems with fixing and protection devices SA Equip has an extensive range of lighting range.

LED Emergency Worklight 200



LED Worklight 200



LED Worklight 100



UV LED Floodlight



Blast Light



ATEX LED Floodlight



LED Torch



LED Handlamp



LED Tasklight



LED Tasklight KIT



➤ SA PowerNet

SA Equip lighting, heat and ventilation products depend on a safe and dependable source of electricity, so developing a range of EX safe and certified power distribution products was an early priority for our business. Our Cables, Splitters and Transformers offer a unique solution for use in potentially hazardous environments.

3.8KVA Transformer



ATEX 400KVA Transformer



Splitter Box



ATEX Extension Reel



ATEX Extension Lead



Mains Distribution Unit



➤ SA Cyclone

To work effectively and safely, you often have to move air. Good air in, bad air out. The SA CYCLONE range of fans, ducting, couplers and adaptors allow you to make an inhospitable, dangerous environment into a safe workplace. And because they're designed as plug-and-play devices, easily moved and installed in minutes precisely where you need them, they can be put to work quickly, without fuss.

Venturi AIR MOVER



Anti-Static Ducting & Duct Couplers



40CM FAN



30CM FAN



20CM FAN



➤ Ericson

Meeting the Needs of the Oil and Gas Industry with Durable, Reliable and Proven Designs in Portable Power Distribution and Temporary Lighting.

Hazardous location string lights and hand lamps are designed and built to the most exacting standards for areas where classified location lighting is required. The hand lamps are lightweight and feature non-sparking aluminium guards and non-conductive, and high-impact glass. The string lights are listed for classified location use and Nema 4X Rated for all weather use.

Hazardous Duty Stringlight



Hazardous Duty HandLamp



Explosion proof!



➤ 3M™ DBI-SALA®

For over 75 years, at-height workers around the world have trusted DBI-SALA® products to help them get the job done well and get home safely. Today, 3M proudly carries on that tradition, delivering premier DBI-SALA® fall protection solutions that enable workers to do their best work safely and comfortably.

Every at-height worker deserves to be safe, no matter the size or nature of the job. That's why Protecta® has become the choice of safety managers looking for reliable fall protection solutions that comply with safety regulations and help their workers get the job done. Now, as a part of a global and trusted brand in safety, 3M™ Protecta® solutions are the industry's choice for fall protection that's both practical and reliable.

Products available under confined spaces are

- Body Supports
- Anchorage Connectors
- Connecting Components



3M™ DBI-SALA® ExoFit™ STRATA™ If your safety harness is weighing you down, lighten up. This has exclusive LIFTech™ load distribution system which helps take the weight off your shoulders and redistribute it down to your hips. The result – a dramatic reduction in the shoulder strain and fatigue that comes with carrying heavy tools.



Advanced™ UCT-1000 Aluminium Tripod When it comes to confined space entry and rescue, it is important that equipment operates quickly and effectively. 3M™ DBI-SALA® brand has an extensive line of rescue and retrieval systems with decades of proven field service. The aluminium tripods are extremely lightweight and portable, easily set up by one worker and can be transported from one location to another.



3M™ DBI-SALA® Safe Buckets are designed to be used at height, and each have a built-in closure system that helps prevent dropped objects. The 3M™ DBI-SALA® spill control safe bucket comes with either a unique, patent-pending drawstring, or a hook and loop closure system. These buckets come with built-in connection points.



Photo Courtesy: 3M DBI SALA



Storage Safety

PSC Flammable Storage Cabinets

PSC Flammable Storage Cabinets ensure maximum protection for both personnel and products. They are specifically designed for the storage of flammable and combustible liquids. The cabinets are designed in accordance with NFPA (National Fire Protection Association), OSHA (Occupational Safety and Health Administration) and FM (Factory Mutual International) regulations.

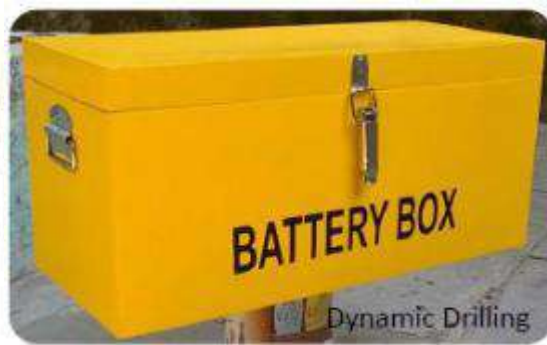
Available in a full range of sizes and designs including manual close, self-closing and bi-fold self-closing doors.



Fire & Personal Protection Equipment Storage - PSC Fibra Safe®

Fibreglass Safety Equipment Cabinets

- **HIGH STRENGTH TO WEIGHT RATIO** - Fiberglass will maintain up to 25 times the strength of steel per pound. Where weight is a factor, fiberglass is an excellent substitute for metal, wood, or concrete utility cabinets.
- **DURABILITY** in demanding environments. Non-conductive, RF transparent, and helps to insulate against electromagnetic fields, making Fiberglass the obvious choice for electrical and electronic equipment storage cabinets.
- **Fiberglass is CORROSION resistant** - In highly corrosive environments Fiberglass is the preferred choice over metal, wood, or plastic utility cabinets.
- **Fiberglass Safety Equipment Cabinet Features ENVIRONMENTALLY Tough** - where exposure to harsh environments is a concern, Fiberglass provides resistance to ultra violet light, extreme temperatures, salt air, and a variety of chemicals including most acids.



Workplace Eye Protection Range

Eye injuries in the workplace are very common. About 1 in 10 injuries require one or more missed workdays to recover from. Of the total amount of work-related injuries, 10-20 % will cause temporary or permanent vision loss.

PSC offers a wide range of workplace eye protection range for your eyes.

- Emergency Eye Wash Stations
- Showers & Combination Showers
- Lens Cleaning

An eye wash station, showers and lens cleaners are necessary in all industries that handle chemicals and hazardous materials.



➤ Emergency Eye Wash Stations



Eyesaline wall stations



Universal mounting with magnetic backing



Porta Stream I Eyewash Station with Water Additive



➤ Showers & Combination Showers



➤ Lens Cleaning Range



Uvex Lens Cleaning Station



Uvex Lens Cleaning Tissues



Uvex Lens Cleaner



Disposable Lens Cleaning Stations



Photo Courtesy: Eye Saline & UVEX



Hose Protection Range

PSC Whipcheck - Safety device designed to prevent accidents or injury from hose "whipping" during coupling or hose failure

A pressurized air hose in case of hose failure or accidental uncoupling could cause the hose assembly to whip violently due to the sudden release of energy. This could make the whipping hose lethal and create a potentially dangerous situation.

In such a scenario PSC Whipchecks (max use upto 200PSI) ensure safety from injury and property damage. Whipchecks are safety cables made of corrosion resistant, high strength steel which on installation diverts strain on the coupling to the Whipcheck. Installation of Whipchecks is easy and requires no tools - the spring loaded loops of the Whipcheck are opened and slipped over each hose providing a firm grip on the hose and avoiding it from whipping in case of accidents. Whipchecks are commonly used on hose for air, water blast, drilling, steam, concrete, sandblast or other high pressure applications.



Fire Protection Range

Fire safety equipment has a big impact in reducing the average loss of life and property due to fire. A fire prevention plan requires a strong foundation; that all potential fire hazards are found and documented. Once all the fire hazards are documented, the fire protection equipment needs to be installed in place where it is handy to use during fire break out.

Products available under the fire protection safety range are

- Akron Nozzle
- PSC Firefighters Tools
- Firehose Lifeline
- Fire Extinguisher Tags

Project Sales Corp offers you a limited range but high specifications firefighter's gear and tools in India. We have been supplying these to various customers in the Oil & Gas Industry and source these direct from manufacturers to ensure safety and compliance.



Akron Brass firefighting nozzles have been designed and manufactured to support structural fires, wildland, forestry, Aircraft Rescue Fire Fighting (ARFF), de-icing, CAFS, marine, industrial applications and more.



Rescue Tools - Complete range of rescue and forcible entry tools including prybars, hooligan tools, fireaxe, bolt cutters, rescue hooks, etc.



Firehose - Synthetic heavy duty layflat hoses with end fittings.



Fireproof Line - Fireman's fireproof line with Snaphook both ends lengths as required.



Fire Extinguisher Tags - Keep four years of records on one sturdy tag. Durable aluminium designs, permanently debossable, metal fire extinguisher tags withstand bending, and wear and tear from prolonged use and ready for hanging or other attachments.



Cyalume Non-flammable Light Sticks 12 hours Glow 6" Size in various colors



Photo Courtesy: Akron & Cyalume



Electrical Safety

From lockout tagout for isolation of energy devices to rescue sticks, arc flash protection, Insulated tools, etc PSC offers electrical safety equipment.

A range of products designed for protection in high risk environments. All designed with the highest manufacturing standards for ensuring safety and compliance.

We call them the PSC Protector Series.

This range includes

- Lockout Tagout
- Rescue Sticks
- Electrical Insulated Tools



Master Lock Safety Padlocks have a 6-pin cylinder for added security. These padlocks are available in 8 colors namely, Black, Blue, Green, Orange, Purple, Red, Teal and Yellow. Its key retaining feature ensures the padlock is not left unlocked.



Master Lock - 410 Thermoplastic Safety Padlock Thermoplastic Safety Padlock is designed exclusively for lockout/tagout applications. It is durable, lightweight, non-conductive thermoplastic lock body.



Masterlock 480 Rotating Gate Valve Lockout surrounds the valve operating handle to protect against accidental valve opening. It fits 1" (2.5cm) to 3" (7.6cm) diameter valve handles outward/inward rotation allows for easier installation.



Aluminium Lockout Hasp keeps the equipment inoperative while repairs or adjustments are made, and its control cannot be turned on until last worker padlock is removed from the hasp, and it is a spark resistant aluminium.



For more information on the lockout tagout products visit www.projectsalescorp.in



Insulated Rescue Hooks are an invaluable tool for any workplace as they can be used to withdraw an injured worker out of a hazardous area. This tool is essential to have on hand in confined spaces, in vaults or near electrical cabinets and switch gear. Salisbury's Insulated Rescue Hooks feature a foam filled, fiberglass reinforced handle for superior electrical insulation. Salisbury's Insulated Rescue Hooks feature a foamfilled, fiberglass reinforced handle for superior electrical insulation and a coated, heat-treated, body hook with an 18" opening.



Non-Sparking/Non-Magnetic Insulated Hand Tools and Tool Kits are manufactured from special Aluminum-Bronze and Copper-Beryllium alloys for safe use in areas where hazardous, flammable, or combustible vapors, liquids, dusts, or residues may be present. These tools are also highly corrosion-resistant.



Photo Courtesy: Salisbury



Explosion Safety

Hazardous Areas, Confined Spaces - However harsh your environment may be, we have the equipment to make it safer and improve the efficiency. We can give you high performance, ultra-powerful, robust and fully certified solutions to help you make your harsh working environments safer. The range includes intrinsically safe, explosion proof, ATEX Zone 0 & 1 and IECEx certified equipment. All products are supplied fully tested and ready to use.

Brands available under explosion safety are

- **Appleton** - The ATX brand of hazardous location products for IEC and ATEX environments are now part of Appleton – ATX offers a truly global line of premier electrical products that provide protection against harsh environments like dust, vapours and gas in hazardous locations. ATX products are used in petrochemical plant, power plant, pulp and paper mills or any industrial location.

Choose from a vast breadth of Flameproof and Increased Safety products that meet rigorous Zone 1-2 and 21-22 ratings – from lighting to plugs and sockets to junction boxes, panel boards, control stations and cable glands.

Project Sales Corp can now offer the Appleton range in India with technical support backed by Emerson.



- **Crouse-Hinds** - Cooper Crouse-Hinds products are engineered for total lower cost providing longer life, easy installation, and reduced maintenance. Cooper Crouse-Hinds provides products that are certified to meet local standards, while performing safely and reliably in the most demanding harsh and hazardous conditions imaginable.

Products available under Crouse-Hinds range from

- Control & Apparatus
- Signaling
- Plugs and Receptacles
- Industrial Lighting
- Fittings
- Connectors



Photo Courtesy: Cooper Crouse-Hinds

- **Ericson** – Explosion proof products are listed under [page no. 28](#)
- **NightStick** – Explosion proof products are listed in [page no. 22](#)



Protrusion Hazards

PSC High Visibility Hazard Impact Protection Pads Makes Your Worksite Safer!

SafePad are highly effective padding products range designed to improve workplace safety system and to prevent injuries caused by personnel walking into high risk impact hazards such as open ended pipes or scaffolding and sharp, jagged edged or jutting objects in industrial work environments.

Benefits

- Excellent protection against impact injury
- High visibility hazard identification
- Quick and easy to install
- Helps to reduce site waste
- Extremely durable
- No need for additional parts or tools
- Easy to clean and re-use



Photo Courtesy: SafePad



Suspended Loads Safety Taglines

Hands injury represent over 50% of all injuries in the workplace. Many injuries can be minimised if not eliminated with the use of the safer methods of handling suspended loads and use safer lifting apparatus, work practices and tools.

Tag lines or restraint lines must be used when rotation or swinging of the load is or may become hazardous or if the load needs guidance. In brief, loads requiring continuous manual guidance while in motion shall be provided with tag lines, and requires tag lines must be used "on loads likely to swing or which need guidance."

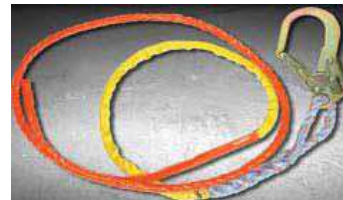
**The PSC LoadGuider
Anti-Tangle Tagline**



**PSC Rig Tools
Tagline**



**PSC SafeGuider™ High
Viz Anti-Tangle Taglines**



**PSC Tagline
Retriever Tool**



Suspended Loads Safety Push/Pull Tools

Push pull poles provide a safety zone to personnel to manoeuvre and guide suspended loads while avoiding pinch points and crush points. With these use of these tools workers do not place themselves in danger by working in an unsafe proximity to hazardous suspended loads.

Products and Brands available under this section

**PSC LoadGuider™
Push/Pull**



**The PSC Alpenco
Saf-T-Guider® Tool**



The PSC Shove-it™ Tool



Hands-Off Safety Range

➤ The PSC FingerSaver Tool

The PSC FingerSaver keeps your hands away from the impact of the hammer on flogging spanner and from pinch points when using impact wrenches.

FEATURES

Lightweight • Affordable • Available in 3 sizes • Easy to operate • Peace of mind for self and co-worker • Simple tool to keep hands away from impact zones • Vibration absorbing Non-slip Rubber Grip



➤ PSC Chisel and Punch Holder

Ergonomically designed to provide a comfortable, firm grip while keeping the hands away from the contact point

- Tool holder's handle efficiently resists sparks and absorbs vibration
- Hassle-free adjustments with the knob at base
- Accommodates chisels measuring up to 1" in diameter



Lifting Safety

According to OSHA, back disorders are leading cause of disability for people in their working years, afflicting more than 600,000 employees each year. These injuries can be caused by improper execution of job-related tasks, such as lifting.

Proper lifting techniques and products in workplace can prevent back injuries.

Project Sales Corp (PSC) safe-lift range is designed to provide the oilfield industry with a range of products for efficient handling and lifting of a wide range of products in oil and gas job sites, workshops and on-board drilling rigs, oil refineries and general industrial environments.

The range includes

- Hose Lifters
- Lift Assist
- Drum Lifters



PSC Hose Lifters

PSC Hoselifters™ are easy to use mechanism that enables you to clamp onto hose or pipe easily and allows you to safely grip, torque and release single-handedly through a natural fluid movement. You no longer have to worry about pipe cleanliness, mud build-up, hot or cold that can affect your grip, as your hand never physically touches the pipe.

Lower the likelihood of repetitive strain, back and wrist injuries, from squatting to pick up pipe. The grip is always from above the pipe removing the risk of crush injuries by preventing fingers being underneath when lifting or dropping pipe.

Rated for a maximum manual lifting weight of 400lbs (181kg) this is one tough hand tool that is engineered to withstand 1200lbs of force.

Use on rigid pipe in Metal, PVC or ABS Plastic on: Drilling Rigs. Hydraulic fracturing operations. Sucker rod manufacturing and refurbishment.



PSC PIPE AND HOSELIFTER



PSC Lift Assist Manual Lifting Aids

A new range of PSC hands-off policy tools (lift assist manual lifting aids) to reduce need for bending thereby improve ergonomics in workplace, and reduce possible chances of hand & finger injuries associated with lifting and carrying the small equipment's with bare hands.

The manual lifting aids are used with chocks and bop choke valves, pup joints, fishing tools, pipe, tubing, deck cargo, etc.

ORDERING CODES

- PSC Lift Assist Single Handle SafeLift Lift Assist sling 75 kgs WLL
50 mm x 900 mm long – PSC-SH-100
- PSC Lift Assist Double Handle SafeLift Lift Assist sling 100 kgs WLL
50 mm x 1500 mm long – PSC-DH-100
- PSC Lift Assist Choke Valve SafeLift Lift Assist sling 50 kgs WLL
25 mm width – PSC-CV-100



➤ Drum Lifters

- Heavy drums should always be moved with proper drum handling equipment. A full 55-gallon steel drum can weigh over 2,000 pounds, with typical weights of 200 to 400 kgs. When being moved, the contents of your drum may shift inside, making the drum difficult to control or even dangerous.
- Mishandling a heavy drum can cause serious injury. Common injuries include a strained back, crushed fingers or hands, and foot trauma. Incidents of dropped drums, or drums rolling out of control, can also cause spills and damage.
- Drum handling safety requires a systematic approach to eliminate all possible causes of injury. Always use proper equipment designed for the task when handling heavy drums. Train all employees in proper drum handling safety procedures and use of drum handling equipment.
- Project Sales Corp, in association with some of the best brands in the world is pleased to bring in the right tools in lifting of drums in the workplace.



- **PSC-92** has self-adjusting tong-like action when you raise the hook, to lift a rimmed steel, plastic or fiber / cardboard drum. Rs.32500 each plus taxes
- **PSC-91** is an effective and simple-to-use drum lift with carefully designed ice-tong-like geometry and broad faced, but narrow profile grippers. The broad faced grippers spread holding force to minimize pressure on drum. Rs.28800 each plus taxes
- **PSC-90** helps grab, lift, move and place your 55 gallon drums. PSC-90 lifter helps grip the drum automatically, then release it only when the drum is set down. Rs.45000 each plus taxes



Index to Other PSC GuideBooks

To Know more about our product range.

- PPE GuideBook 2017 [Click here](#)
- PSC Impact Gloves GuideBook [Click here](#)
- PSC Task Specific Gloves GuideBook [Click here](#)
- PSC Hands-Free Safety Tools & Hands-Off GuideBook [Click here](#)
- PSC Specialty Lubricants Range [Click here](#)
- PSC Sealing Compounds [Click here](#)



Contact Us

Customer Support Reps

Madhuri (+91) 891-2564393

Price Quotes

Indu Bala (+91) 91009-32334

Product Support

Anil (+91) 98664-67276

Shivani (+91) 891-2566293

Satish (+91) 98851-49412

Urmila (+91) 77020-18216

Do not hesitate to email us at sales@projectsalescorp.com

To know more please log on to www.projectsalescorp.in

CONNECT WITH US!



Disclaimer:

All visual content used there are taken from internet or the respective company's website and are copyrighted to it's respectful owners.

All Brand names, images, logos, product designs are registered trademark of their respective owners and are used for reference purpose only.



Visakhapatnam

28 Founta Plaza,
Suryabagh,
Visakhapatnam,
Andhra Pradesh. INDIA
PIN – 530020

Kakinada

Plot 154,
Opp. Schlumberger Asia
Services, Vakalapudi,
Kakinada,
Andhra Pradesh. INDIA
PIN – 533005

