

PROTECT ONE. PROTECT ALL.

PPE PRODUCT SELECTION GUIDE FOR TURNAROUND SEASON

Safety solutions designed for oil & gas turnarounds.



Honeywell

RETURN YOUR FACILITY TO PEAK PERFORMANCE WITH THE PROPER PPE

Safety in the oil and gas industry is mission-critical, especially during turnarounds, when the number of workers on-site increases significantly. There's also the added pressure to return plants to operation as quickly as possible, knowing a single hour of downtime can have a major impact on the bottom line. Turnaround changes put an even greater responsibility on safety managers to create a safe environment for their workers.



TURNAROUND SOLUTIONS THAT HELP TO PROTECT WORKERS HEAD-TO-TOE

Oil and gas turnarounds present many hazards when workers are repairing broken equipment, draining pipes, cleaning tanks, hydroblasting and welding metals together. Workers need personal protective equipment (PPE) they can trust to help keep them safe.

At Honeywell, safety is in our DNA. As environments change and new worker needs emerge, Honeywell continues to innovate for a safer future. We are driven to create solutions that increase productivity, instead of getting in the way.

We offer fall protection with ergonomic design, respiratory solutions that go beyond compliance and color-coded hand protection for easy selection. We also provide personalized hearing solutions, adjustable face and head protection, safety eyewear with advanced lens coatings and comfortable foot protection. In case of an emergency, we offer first aid kits and emergency eyewash stations designed for any job site. We also manufacture a full range of easy to use gas leak and flame detection products to alert your team of invisible hazardous gas in the air.

Not all PPE is created equal. In this Product Selection Guide, our industry experts have highlighted the solutions and products that are ideal for turnaround environments, specific features and the most popular items with safety managers and workers alike.

\$42M

Average cost per year of unplanned downtime from equipment failures for oil and gas companies¹

50%

Or more of gasoline production may be impacted when shutting down a plant²

37%

Of companies reported proactively managing process safety³

40%

Of incidents occur at the beginning and end of facility start-ups and shutdowns³

\$260K

Approximate cost of an hour of equipment downtime³



¹ IOT Now, <https://www.iot-now.com/2018/10/05/88969-offshore-rig-monitoring-true-reflection-iot/>

² Energy Information Administration, <https://www.eia.gov/analysis/requests/2007/sroog200701.pdf>

³ Sphera, <https://sphera.com/spark/turnaround-delays-turnover-and-tumult-process-safety-in-2021/>

FALL PROTECTION

During a turnaround, workers need to be equipped with comfortable fall protection when repairing structures at height or building new platforms. Whether you need a leading edge or cross-arm harness, Honeywell's cutting-edge, ergonomic fall protection products deliver the comfort and safety needed when working at height for hours at a time.



Honeywell Miller® H500
Harness



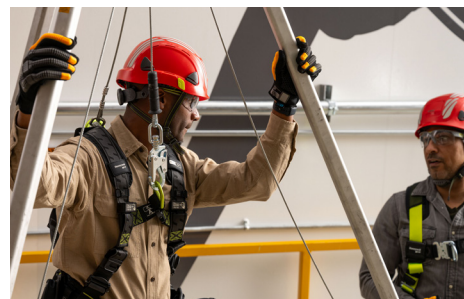
Honeywell Miller®
TurboLite™ + Edge



Honeywell Miller® Aircore
Harness

FALL PROTECTION PRODUCT HIGHLIGHTS:

- Harnesses with comfortable, light fit helps reduce worker fatigue
- High-visibility color makes workers detectable at a distance
- Leading edge units can withstand sharp edges with strong materials
- Cross-arm straps give workers the ability to connect to support when permanent anchorage is not an option



RESPIRATORY PROTECTION

Honeywell's respiratory protection solutions can help protect against the risk of exposure to toxic gases and chemicals during turnarounds. In more dangerous environments like this, a full facepiece respirator can help protect you from face splashes as well as respiratory hazards, while an escape respirator can help protect workers in the event of an emergency.



Honeywell North® 7600 Series
Full Facepiece Respirator



Honeywell Defender Multi-
Contaminant + P100 Cartridge



Honeywell 7900 Series
Mouthbit Escape Respirator

RESPIRATORY PROTECTION PRODUCT HIGHLIGHTS:

- Wide spectrum protection against particles, gases and vapors depending on exposure
- Easy-to-use escape respirators for emergency situations
- Comfortable, tight-fitting masks fit most face types
- Multi-contaminant cartridges are interchangeable for half-mask and full-face uses
- Mouth-fit respirators are an established industry favorite
- Application-specific consultation on optimal cartridge solution

HAND PROTECTION

When workers are fitting pipes, welding metals or moving materials around in laydown yards, they need high-performance hand protection that helps reduce the risk of hand and arm injuries – especially from “pinch points” and cuts or lacerations. Choose from our impressive range of mechanical safety gloves and cut-resistant sleeves, including color coded options that identify different cut protection levels to make glove selection easier.



*Honeywell Rig Dog™ Knit
Water Resistant*



Honeywell CoreShield™



Honeywell Rig Dog™ Xtreme

HAND PROTECTION PRODUCT HIGHLIGHTS:

- Impact protection from crush and impact scenarios
- Excellent oil grip
- Cut protection for various gauges in three different coatings
- Low-light visibility through bright colors and reflective materials
- Abrasion resistance in wet and dry environments
- Convenient color coding for easy purchasing and clear identification on the job site

HEARING PROTECTION

Conserving your workers' hearing means protecting a vital component of their daily life. Noise around 85 decibels (dBA) can damage workers' hearing after repeated exposures lasting 8 hours or more. When noise reaches 95 dBA, it can put their hearing at risk in less than an hour. Because every worker is unique, there isn't a one-size-fits-all solution.



TrustFit® Plus Coded



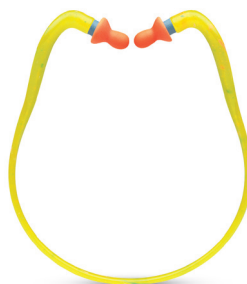
VeriShield™ Dielectric Earmuffs

HEARING PROTECTION PRODUCT HIGHLIGHTS:

- Engineered for all-day comfort with memory foam padding and more
- Verishield system provides top-tier, safe-area protection
- Multiple configurations available to suit worker needs
- Trustworthy design utilizes leading polyurethane foam corded plug
- Easy-to-use push-in design
- Multiple configurations available to suit worker needs
- TrustFit design is perfect for environments where hands are not clean or are already gloved – no rolling required
- High comfort level of Max Lite design makes them a popular industry staple for across-the-board use



Maximum Lite Uncoded



Quiet Band Inner Aural



HEAD PROTECTION

Head-to-toe protection starts at the top with safety solutions that protect against falling objects. Honeywell offers a broad range of safety headgear options, from wide-view welding helmets to hard hats, designed to protect oil and gas workers when they need it most.



*Honeywell North Zone™
Hard Hat Cap (N10)*



*Honeywell North Zone™ Full
Brim Hard Hat (N20)*



*Honeywell Fibre-Metal
Full Brim Hard Hat (E1)*



*Fibre-Metal
Type II Helmet*

HEAD PROTECTION PRODUCT HIGHLIGHTS:

- Innovative designs for all-day comfort
- Extra protection from splash provided by full brim hard hats
- Pre-assembled construction for immediate use
- Easy-to-adjust ratchet system knob
- Universal sizing for most head shapes
- Fibre-Metal Hard Hats include certified polycarbonate visors that offer a secondary level of protection



EYE & FACE PROTECTION

Honeywell's tested eye and face protection products are designed to help increase worker safety and visibility, especially in turnaround environments where there's risk of exposure to dust and airborne particles. Workers can enjoy safety eyewear that provides all-day comfort with a customizable and adjustable fit for every facial profile.



Honeywell Avatar™ Plus



*Honeywell Uvex Livewire®
Sealed Eyewear*



*Honeywell Uvex Bionic
Faceshield*



*Honeywell Fibre-Metal F400
Faceshield Headgear*

EYE AND FACE PROTECTION PRODUCT HIGHLIGHTS:

- Uvex HydroShield® Anti-Fog lenses stay clear 90x longer than most coatings
- Built-in anti-scratch technology
- Flexible and lightweight construction increases comfort
- Fits over glasses or available with prescription lenses
- Shields protect from chemical splashes and heat



PROTECTIVE FOOTWEAR

Turnaround environments may expose your feet to hazards such as punctures, cuts, slips and trips, extreme weather and more. Honeywell's ultimate footwear line of products is created to protect against a variety of risks. Designed to mimic the foot's natural movement, Honeywell's safety boots are comfortable enough to wear all day. Every safety boot and shoe combines innovation, comfort and safety, and is equally effective both indoors and outdoors.



Oliver 65 Series
654935



Oliver 65 Series
65791

PROTECTIVE FOOTWEAR PRODUCT HIGHLIGHTS:

- Non-metallic puncture protection
- Heavy duty Kevlar stitching
- All-terrain, slip-resistant outsole to help prevent worker slips and falls



FIRST AID

Workers in the oil and gas industry are more likely to experience accidents - especially during a turnaround. Ensure you have top-quality Honeywell first aid equipment and emergency eyewash stations on hand at all times to help protect workers in case of emergency.

FIRST AID PRODUCT HIGHLIGHTS:

- Easy-to-install eye wash stations don't require plumbing
- Necessary for inevitable emergencies



Pure Flow 1000 Double
Eyewash Wall Station



GAS LEAK & FLAME DETECTION

Choose from a full and comprehensive range of gas leak and flame detection products, from portable and fixed detection to gas cloud imaging solutions.



BW Icon



BW RigRat



BW Ultra

GAS LEAK AND FLAME DETECTION PRODUCT HIGHLIGHTS:

- Wide range of technologies and devices available
- Focused on coverage, detection, hazard mitigation and life protection
- Easy-to-use equipment and quick detection for gas exposure, area monitoring and confined space entry



PROTECTING WORKERS WHEN AND WHERE THEY NEED IT MOST

With the multitude of hazards present during an oil and gas turnaround, having the right solutions to help protect your workers is mission critical. Let Honeywell be your guide to creating a safer working environment. With our legacy of expertise in worker protection and our continued innovation in safety solutions, you can rely on Honeywell for peace of mind in helping provide workers the safety they need.

For more information

automation.honeywell.com

Honeywell Safety Products USA, Inc.

855 S Mint St
Charlotte, NC 28202
1 (877) 841-2840
www.honeywell.com

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