

Personal Protection Equipment – The Future

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- **Current Market Conditions**
 - **PPE trends since the recession hit**
 - ◆ End User's perspective
 - ◆ PPE Manufacturer's perspective
 - ◆ Questions we need to ask?

- **Future buying trends in PPE**
 - ◆ Attitudes and Culture
 - ◆ PPE Selection
 - ◆ PPE as a tool to do the job

- **Innovative PPE for the future**
 - ◆ Solar Pro™ Polarised safety eyewear
 - ◆ Twin Turbo from Miller
 - ◆ Pic Guard needle stick glove
 - ◆ Quiet Dose™ Exposure Smart Protector

- **The recession had a huge impact on the purchase and selection of PPE and therefore the type of new products brought into the market place.**
 - ◆ **End User Perspective**
 - **Downturns** in manufacturing and construction have resulted in a smaller workforce
 - **Budget cuts** and cost saving requirements have caused organisations to save money by switching to lower cost, basic products.
 - **Engineering out** problems is too much of a costly capital expense so PPE is needed as a solution
 - ◆ **PPE Manufacturer's Perspective**
 - **The introduction of more low cost PPE** and the focus moved away from innovation and quality to meet customer needs.
 - **Raw Material and labour cost increases**
 - **Potential for non Compliance Products**
- **Questions we need to ask ourselves.**
 - ◆ With less people doing more work are they wearing the correct PPE?
 - ◆ Is the training and support now adequate from our suppliers?
 - ◆ What happens when things go wrong?
 - ◆ Are we now more concerned with compliance and cost instead of suitability for the job?

Future Buying Trends in PPE

- **Check our PPE selection and insure it is fit for purpose and meets our requirement's.**
 - ◆ PPE Audit's
 - ◆ Training, support, fit-testing
- **Our culture should view PPE as a tool to do the job and not an added cost to processes. The cost implications of the wrong selection can be catastrophic.**
- **PPE needs to meet real industry and end user needs, so wearers see the real benefits of wearing it.**
 - ◆ This increases correct wear and maintenance leading to a reduction in costs.
 - ◆ New applications need to also be considered
- **New PPE need's to show innovation outside of the standard areas of protection that help Health and Safety professionals and workers to do their job.**

Innovative PPE for the Future

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Pic Guard needle stick glove

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- **PicGuard reduces the problems encountered when an operator comes into contact with a hypodermic syringe, razor blades or metal wire.**
- **Based on a washable under glove with high performance puncture resistance, comfort, dexterity and helps to reduce hand fatigue.**
- **PicGuard can be used in conjunction with a variety of outer gloves making it suitable for all environments.**



Solar Pro™ Polarised safety eyewear

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- **Solar Pro safety eyewear gives superior performance in outdoor applications where users are exposed to bright light or conditions of variable brightness.**
- **Reducing solar glare and eye fatigue, Solar Pro enables workers to wear their protective eyewear longer increasing their safety.**
- **The Polarised lens option reduces the oriented light that causes glare. This allows the wearer to see fine details and deep colours without eye strain.**



Quiet Dose™ Exposure Smart Protector

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- QuietDose™ is the first noise level monitoring system that uses in-ear dosimetry to measure every sound.
- QuietDose measures and collects an individual's actual daily noise exposure, protected and not, during the entire work shift.
- QuietDose will warn the user if the noise dose approaches pre-set safety limits and will even alert the worker if an ear-tip has not been inserted properly.
- The data collected allows the safety manager to:
 - Determine whether workers are using their earplugs or earmuffs correctly
 - Track and address the potential of noise-induced hearing loss (NIHL) in real time
 - Potentially eliminate a perceived need for dual protection (use of earplugs beneath earmuffs) by eliminating uncertainty



Twin Turbo by Miller

- Twin Turbo is designed for working at low level as it dramatically reduces fall clearance.
- The TurboLite design integrates robust components including a quick activating patent pending braking system and an engineered, abrasion resistant vectran/polyester webbing.
- Twin Turbo is compact and lightweight and provides a real alternative for workers at height who need fall protection where there is limited space clearance and for situations that require protection in fall factor 2.

THANK YOU FOR YOUR ATTENTION

ANY QUESTIONS ?

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