



Safety in the Workplace

On any given shift, construction workers put themselves in harm's way. Risking head and eye injuries, hearing and respiratory hazards, falls from height - construction workers are the unsung heroes who help create big things. Whether an electrician, iron worker, mason or carpenter, construction workers deserve comprehensive protection.

With decades of research and technological advances behind us, 3M Personal Protection Equipment delivers innovative, integrated safety solutions designed to help employers keep construction workers safe, comfortable and productive on the job.

Common Workplace Hazards



Exposure to Noise

Noise-induced hearing loss can be prevented

Examples of Workers Affected

- Electricians and plumbers
- Metal and iron workers
- Carpenters and gyprocker
- Masons and painters
- Labourers

3M™ E-A-Rfit™ Dual-Ear Validation System



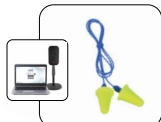
Model: 393-1100

Helps determine whether workers hearing protector provides adequate protection. Measures across seven standard frequencies in under 5 seconds.

3M Safety Solutions

Passive Hearing Solutions

3M™ E-A-R™ Push-Ins™ Corded Earplugs



Model: 318-1003
• SLC80 23dB (Class 4)

Gentle push is all it takes for easy, consistent setting, provides a quick & easy way to use earplugs

3M™ PELTOR™ X4 Series Earmuffs



Model: 318-1003

- X4A Headband SLC80 31dB (Class 5)
- X4B Neckband SLC80 29dB (Class 5)
- X4P3GS/E Helmet Attach SLC80 26dB (Class 5)

Extremely lightweight, low-profile earmuffs that help reduce exposure to hazardous levels of noise.

Protective Hearing Solutions In-Ear

3M™ PELTOR™ EEP-100 Electronic Earplug



- Eartips Included:
- Ultra Fit (SML) SLC80 16 dB (Class 2)
 - CCC-GRM-25 SLC80 23 dB (Class 4)
- Purchased Separately
- Skull Screw Eartips SLC80 23 dB (Class 4)

The 3M™ PELTOR™ EEP-100 Electronic Earplug helps protect hearing, and can help promote situational awareness and communications in challenging environments. This kit includes a protective charging case and an assortment of eartips.

Protective Hearing Solutions

3M™ PELTOR™ ProTac™ III



Models Available:

- MT13H220A Slim Headset Headband, SLC80 26dB (Class 5)
- MT13H220P3E Slim Headset Helmet Attach, SLC80 24dB (Class 4)
- MT13H221A Headset, Headband, SLC80 32dB (Class 5)
- MT13H221P3E Headset, Helmet Attach, SLC80 30dB (Class 5)z

The 3M™ PELTOR™ ProTac™ III hearing protector range, helps protect against harmful noise, whilst allowing ambient sounds to be heard*. It increases your ability to communicate with nearby colleagues, as well as hearing warning signals, approaching vehicles, or sounds in machines and processes. Available in two different cup sizes: Slim & Regular versions.

*For user protection, output from headset is not above 82 dB for all sources at a maximum power of 300mV RMS.

Wired Communications Solutions

3M™ PELTOR™ CH-3 FLX2 Headset with PTT



Models Available:

- MT74H52A-111 Headband SLC80 31dB (Class 5)
- MT74H52B-111 Neckband SLC80 30dB (Class 5)
- MT74H52P3E-111 Helmet Attach SLC80 29dB (Class 5)

The solution when you want a smooth and easy to use set-up with fewer cables and easy access to the PTT on your left side of the headset.

Protective Communication Solutions

3M™ PELTOR™ WS™ ProTac XPI Headset



Models Available:

- NON FLX2 Compatibility
- MT15H7AWS6 Headband SLC80 32dB (Class 5)
 - MT15H7P3EWS6 Helmet Attach SLC80 27dB (Class 5)
- FLX2 Compatibility
- MT15H7AWS6-111 Headband SLC80 32dB (Class 5)
 - MT15H7BWS6-111 Neckband SLC80 29dB (Class 5)
 - MT15H7P3EWS6-111 Helmet Attach SLC80 27dB (Class 5)

The 3M WS Series ProTac XPI Headsets is an active-hearing protector that features Bluetooth®. This enables work with both hands free while taking calls via two-way radio or mobile phones. The ambient listening function lets users hear surrounding noise and converse with colleagues.



Foreign-body Eye Injuries

Debris, dust and flying objects can result in injury that can cause permanent damage

Examples of Workers Affected

- Electricians and plumbers
- Metal and iron workers
- Carpenters and Gyprocker
- Masons and painters
- Labourers

3M Safety Solutions



3M™ SecureFit™ Protective Eyewear 400 Series

Comfortable, low-cost eye protection featuring proprietary 3M™ Pressure Diffusion Temple Technology that helps diffuse pressure over the ears to enhance frame comfort.



3M™ Solus™ Anti-fog Protective Eyewear

Features Scotchgard™ Anti-Fog Coating, helping to increase eyewear performance in wet and steamy environments.



3M™ Goggle Gear, 500-Series

The 3M™ Goggle Gear, 500-Series is a low-profile design with an adjustable neoprene strap and indirect ventilation. These splash goggles with 3M™ Scotchgard™ Anti-Fog Coating help keep lenses clear in, steamy and wet environments.



3M™ SecureFit™ Protective Eyewear 500 Series

3M™ SecureFit™ 500 Series features a contemporary lens design coupled with adjustable ratchet temples and 3M™ Pressure Diffusion Temple (PDT) technology to help provide a more personalised fit. This sporty eyewear also offers self-adjusting coloured temples, a variety of lens tints and models with Scotchgard™ Protector Anti-Fog Coating.

Common Workplace Hazards



Respiratory Exposures

Respiratory systems may be compromised by dust, silica, manganese, paint, chemicals and more

Examples of Workers Affected

- Carpenters and Gyprockers
- Sheet Metal Workers
- Iron Workers
- Masons and Painters
- Labourers

3M Safety Solutions



TRM-307C TR-300+ PAPR Kit# c/w M-307 Helmet Flame Res. F/seal c/w Charger P3 filter and padded bag



CAPM-307 TR-300+ PAPR Kit c/w M-307 with M-940 cap lamp mount c/w charger P3 filter and padded bag*



TRM-207C TR-300+ PAPR Kit# c/w M-207 Faceshield Flame Resistant F/Seal with Charger P3 filter and padded bag

VersaFlo™ Integrated Powered Air Respirator system includes Headtop, air filter unit, P3 Filter, standard belt, pre-filter, BT-30 breathing tube, battery pack, battery charger, user instructions in a padded bag.



3M™ Spraying/Painting Respirator Kit 6851

A1P2 respiratory kit designed for painting and spraying environments (Not to be used when spraying isocyanate based paints)..



3M™ Asbestos/Dust Respirator Kit 6835

P3 respiratory kit designed for asbestos removal and environments containing dust.



3M™ Aura™ 9322A+ Particulate Respirator

Convenient and comfortable at fold P2 disposable respirator with proprietary 3MTM Cool Flow™ exhalation valve that helps the wearer breathe easier when working for prolonged periods.

*Does not include cap lamp

#Only available in Australia



Dropped Objects Prevention

Being struck by falling objects is a leading cause of injury for workers and the 4th highest cause of death in the workplace*

Examples of Workers Affected

All construction workers who are required to work at height and utilise hand or power tools to carry out their work in order to protect themselves, their co-workers, innocent bystanders and their tools

3M Safety Solutions



3M™ DBI-SALA® Safe Bucket

Innovative lockdown system helps prevent accidental drops and spills during transport and lifting.



3M™ DBI-SALA® Tape Measure Sleeve and Holster with Retractor

Conforms to the size of virtually any tape measure allowing the user to tie off their tape measure while working at height.



3M™ DBI-SALA® Adjustable Radio Holster

Adjustable Radio Holster specially designed to tie off handheld devices such as radios, mobile phones and cameras.

* Source: SafeWork Australia Notified Fatalities 2014

Common Workplace Hazards



Falls From Height

At-height workers are at risk of serious or fatal injuries

Examples of Workers Affected

- Riggers and Scaffolders
- Metal and iron workers
- Carpenters and Gyprocker
- Labourers

3M Safety Solutions



3M™ DBI-SALA® Delta™ Comfort Riggers Harness

Stay safe and comfortable with a full-body harness that works as hard as you do.



3M™ DBI-SALA® Tie-Off Adaptor

A durable pass-through anchorage that installs quickly and can be used almost anywhere.



3MTM DBI-SALA® Nano-Lok™ Single Leg SRL with Quick Connector

Lightweight and compact self retracting lifeline that attaches directly to the harness and can be used in place of a lanyard for greater freedom of movement.



Impact to the Head

Small falling objects and other impacts to the head are commonplace in construction

Examples of Workers Affected

- Electricians and plumbers
- Metal and iron workers
- Carpenters and Gyprocker
- Masons and painters
- Labourers

3M Safety Solutions



3M™ TA570 Safety Helmet ABS Vented

The Australian made TA570 is a vented ABS Type 1 safety helmet ideal for general industrial, construction and mining applications. The unique crown cooling vented safety helmets ensure cooler and more comfortable protection in hot humid conditions. The safety helmet design allows multiple branding and reflective tape option



3M™ VC105 Browguard and Visor Kit

VC105 is a head mounted face protection solution. The combination brow guard and polycarbonate visor offers high impact face protection to the Australian Standard, AS/NZS1337.1.

The VC105 is suitable for grinding and cutting operations.

Features include, ratchet adjustable head band, friction pivoting system for lifting and lowering the visor and replaceable 1mm polycarbonate visor available.

This is a small representation of solutions available for the Construction Market, for more information contact your local 3M Distributor or Sales Representative.

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Personal Safety Division
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