emergency
showers,
eye wash and
decontamination
solutions

EMERGENCY SHOWERS

EYE AND EYE/FACE WASHES

PORTABLE AND SELF CONTAINED

LABORATORY SAFETY

DECONTAMINATION SYSTEMS

NEW
EYE and
FACE WASH
DESIGN

DUE FOR RELEASE DEC 2011





when seconds count you can count on Enware

MEDICAL AND INDUSTRIAL EXPERIENCES HAVE SHOWN THAT INITIAL FIRST AID TREATMENT FOR MANY HAZARDOUS CONTAMINANTS SHOULD BE TO WASH THE CONTAMINATED PART OF THE BODY AS **SOON AS POSSIBLE.**

Enware is an Australian manufacturer of emergency deluge and decontamination equipment. Combining the latest manufacturing techniques and design innovations, Enware provides premium quality products world wide.

Manufactured from stainless steel, our wide range of emergency deluge showers, eye/face wash units and platform showers are designed for personal safety, particularly in applications such as mining, petroleum and oil refineries, chemical manufacturing and handling, as well as laboratories and hospitals.

At Enware, our flexible manufacturing process means products can be customised to suit your individual needs. Whether it's a self-contained gravity fed shower or additional accessories such as emergency indicator lights and alarms, our design team has a solution for your application.

CONTENTS EMERGENCY SHOWERS Safety showers including free standing, 03 wall or ceiling mounted **COMBINATION SHOWERS** Emergency safety shower and an eye or 04eye/face wash in one unit **EYE/FACE WASHES** Delivering soft streams of aerated water to rapidly 06 flush eyes and face **EYE WASHES** Delivers soft streams of aerated water to rapidly 07 **SELF-CONTAINED AND GRAVITY FED UNITS** 08 For on-the-spot eye treatment **LABORATORY EMERGENCY** For the unique needs and space limitations 09 associated with laboratory operations **DECONTAMINATION AND MULTI-SPRAY SHOWERS** 10 Space-saving designs, easy to install on site **ACCESSORIES AND SPARE PARTS** Enhance your safety system with our 11 range of accessories PORTABLE DECONTAMINATION 12 Portable systems for hazchem decontamination applications



QUALITY AND PRODUCT CERTIFICATION COMPLIANCE

Enware is a fully accredited Quality Endorsed company to the Internationally Approved Standard AS/NZS ISO 9001:2000 Lic. No. QEC 1213.

Enware's Emergency eye wash and shower equipment is Standards Mark Licensed to ANSI Z358.1-2009 Lic. No. SMKP20545. Australian Standard AS4775-2007 Lic. No. SMKP21998.

"These standards establish the minimum performance and use requirements for the emergency treatment of the eyes or body of a person who has been exposed to injurious materials. They cover the following type of equipment: emergency shower, eye wash equipment, eye/face wash equipment, hand held drench hoses and eye wash or eye/face wash equipment" (ANSI Z358.1-2009)







EMERGENCY SHOWERS

SHOWERS - RAPIDLY REMOVE CONTAMINANTS FROM THE BODY

- Designed and Made in Australia
- Independently tested for compliance to ANSI Z358.1-2009 and AS4775-2007
- Stainless steel construction provides superior durability and reliability
- Stainless steel pipe work, stay-open ball valve, activation rod and shower head
- Stainless steel impeller with drenching spray pattern
- Self draining shower head design for Legionella risk reduction, especially in tepid water installations
- Retro-fittable design
- Compact shipping carton

To meet ANSI Z358.1-2009 and AS4775-2007 performance requirements Enware safety showers require: Minimum flow rate of 75.7 lpm (20 US gpm) at 210 kPa (30 psi) Minimum DN25 (1") supply line*

*Supply piping shall be adequately sized to meet flow requirements

Before emergency eye wash and shower equipment is selected, a risk assessment shall be carried out to determine the most appropriate delivery temperature.





Signage as required for compliant installation

300 x 400mm Self Adhesive Sticker: ESS502 Colourbond Metal: ESS503

FREE STANDING HAND OPERATED DELUGE SHOWER



WALL MOUNTED HAND OPERATED DELUGE SHOWER

Order Code:

EW1050 - Stainless Steel Finish

Powder Coated Finish

EW1050GR - Green

EW1050WH - White



CEILING MOUNTED HAND OPERATED DELUGE SHOWER

Order Code:

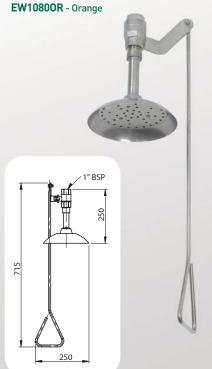
EW1080 - Stainless Steel Finish

Powder Coated Finish:

EW1080GR - Green

EW1080WH - White

EW1080YE - Yellow



FREE STANDING PLATFORM OPERATED DELUGE SHOWER

Order Code:

EP990 - Stainless Steel Finish



COMBINATION SHOWERS | WITH EYE/FACE WASH

COMBINATION SHOWERS:

- Designed and Made in Australia
- Independently tested for compliance to ANSI Z358.1-2009 and AS4775-2007
- Stainless steel construction provides superior durability and reliability
- Centrally mounted eye wash outlets provide a soft aerated stream for flushing contaminants
- Eye/face wash features dedicated eye wash streams and independently angled face wash streams for optimum coverage
- Zero velocity point provides more comfort and control for effective cleansing of eyes and face
- Self draining shower head and eye/face wash outlet design reduces Legionella risk, especially with tepid water installations





Compact shipping carton

Please see page 11 for more information

To meet ANSI Z358.1-2009 and AS4775-2007 performance requirements:

- Enware combination showers require a Minimum DN25 (1") supply line* at 210 kPa (30 psi) with the following minimum flow rates:
- Shower 75.7 lpm (20 US gpm)
- Eye/face wash 23 lpm (6 US gpm)
- Eye wash 12 lpm (3.1 US gpm)

*Supply piping shall be adequately sized to meet flow requirements

Before emergency eye wash and shower equipment is selected, a risk assessment shall be carried out to determine the most appropriate delivery temperature.

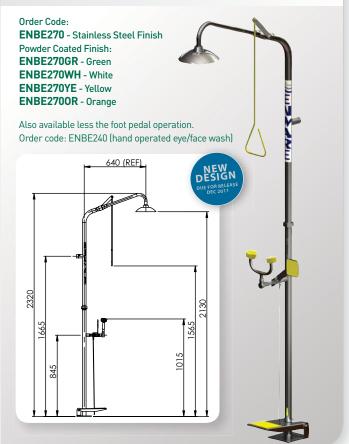
FREE STANDING HAND OPERATED SHOWER AND EYE/FACE WASH



FREE STANDING HAND OPERATED DELUGE SHOWER AND HAND/FOOT OPERATED EYE/FACE WASH

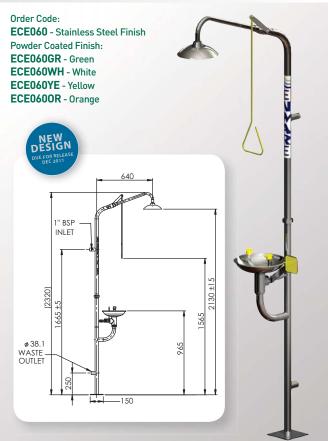


FREE STANDING HAND OPERATED SHOWER AND HAND/FOOT OPERATED EYE/FACE WASH - NO BOWL

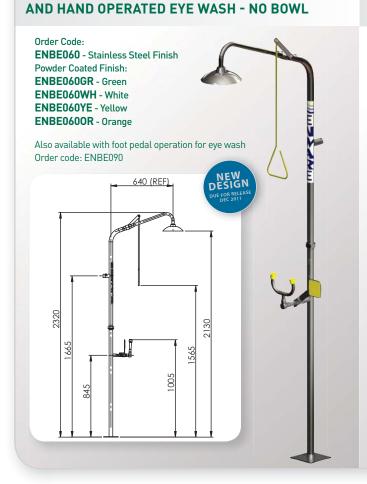


COMBINATION SHOWERS | WITH EYE WASH

FREE STANDING HAND OPERATED DELUGE **SHOWER & EYE WASH**



FREE STANDING HAND OPERATED DELUGE SHOWER



FREE STANDING HAND OPERATED DELUGE SHOWER AND HAND/FOOT OPERATED EYE WASH



FREE STANDING HAND OPERATED DELUGE SHOWER **AND PLATFORM OPERATED EYE WASH**



EYE/FACE WASHES

EYE/FACE WASHES - FLUSH HAZARDOUS CONTAMINANTS AND SKIN IRRITANTS FROM FACE & EYES

- Designed and Made in Australia
- Independently tested for compliance to ANSI Z358.1-2009 and AS4775-2007
- Stainless steel construction provides superior durability and reliability
- Eye/face wash features dedicated eye wash streams and independently angled face wash streams for optimum coverage
- Centrally mounted outlets help reduce excess splashing outside of the bowl
- Zero velocity point provides more comfort and control for effective cleansing
- Self draining outlet design reduces Legionella risk, especially with tepid water installations
- Stainless steel bowl, stay-open ball valve and hand actuator
- Stainless steel foot rod and pedal actuator (not on all models)

To meet ANSI Z358.1-2009 and AS4775-2007 performance requirements:

• Enware eye/face washes require: Minimum flow rate of 23 lpm (6 US gpm) at 210 kPa (30 psi) Minimum DN15 (1/2") supply line* (*Supply piping shall be adequately sized to meet flow requirements)

Before emergency eye wash and shower equipment is selected, a risk assessment shall be carried out to determine the most appropriate delivery temperature.





Signage as required for compliant installation

300 x 400mm Self Adhesive Sticker: ESS501 Colourbond Metal: ESS504

Powder Coated Finish: EFE360GR - Green EFE360WH - White EFE360YE - Yellow EFE3600R - Orange

PEDESTAL MOUNTED HAND

OPERATED EYE/FACE WASH

EFE360 - Stainless Steel Finish

Order Code:

WALL MOUNTED HAND OPERATED EYE/FACE WASH

Order Code:

EF300 - Stainless Steel Finish

Powder Coated Finish:

EF300GR - Green

EF300WH - White

EF300YE - Yellow

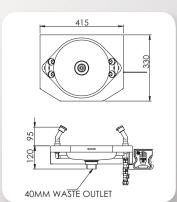
EF3000R - Orange

PEDESTAL MOUNTED HAND/FOOT **OPERATED EYE/FACE WASH - NO BOWL**

ENBE390GR - Green

ENBE390WH - White





Order Code: ENBE390 - Stainless Steel Finish **Powder Coated Finish:**



PEDESTAL MOUNTED HAND/FOOT **OPERATED EYE/FACE WASH**

Order Code:

EFE390 - Stainless Steel Finish

Powder Coated Finish:

EFE390GR - Green

EFE390WH - White

EFE390YE - Yellow



EYE WASHES - FLUSH HAZARDOUS CONTAMINANTS AND IRRITANTS FROM EYES

- Designed and Made in Australia
- Independently tested for compliance to ANSI Z358.1-2009 and AS4775-2007
- Stainless steel construction provides superior durability and reliability
- Eye wash outlets with integral dust covers provide a soft aerated stream for flushing contaminants
- Centrally mounted outlets help reduce excess splashing outside of the bowl
- Zero velocity point provides more comfort and control for effective cleansing
- Self draining outlet design reduces Legionella risk, especially with tepid water installations
- Stainless steel bowl, stay-open ball valve and hand actuator
- Stainless steel foot rod and pedal actuator (not on all models)

To meet ANSI Z358.1-2009 and AS4775-2007 performance

• Enware eye washes require: Minimum flow rate of 12 lpm (3.1 US gpm) at 210 kPa (30 psi); Minimum DN15 (1/2") supply line* *Supply piping shall be adequately sized to meet flow requirements)

Before emergency eye wash and shower equipment is selected, a risk assessment shall be carried out to determine the most appropriate delivery temperature.





Signage as required for compliant installation

300 x 400mm Self Adhesive Sticker: ESS501 Colourbond Metal: ESS504

PEDESTAL MOUNTED HAND/FOOT **OPERATED EYE WASH**

Order Code: EEE210 - Stainless Steel Finish Powder Coated Finish: EEE210GR - Green EEE210WH - White EEE210YE - Yellow EEE2100R - Orange NEW DESIGN

OPERATED EYE WASH

Order Code:

Powder Coated Finish:

EE120GR - Green

EE120WH - White

EE120YE - Yellow

EE1200R - Orange

PEDESTAL MOUNTED HAND OPERATED EYE WASH - NO BOWL

Order Code:

ENBE180 - Stainless Steel Finish

Powder Coated Finish:

ENBE180GR - Green

ENBE180WH - White

ENBE180YE - Yellow

ENBE1800R - Orange



Order Code:

EEE180 - Stainless Steel Finish

Powder Coated Finish:

EEE180GR - Green

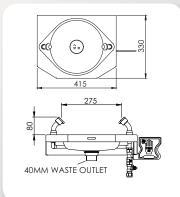
EEE1800R - Orange



WALL MOUNTED HAND

EE120 - Stainless Steel Finish





PEDESTAL MOUNTED HAND **OPERATED EYE WASH**

EEE180WH - White

EEE180YE - Yellow

SELF-CONTAINED & GRAVITY FED UNITS

ENHANCE YOUR SAFETY WITH ENWARE'S RANGE OF NON-PLUMBED SOLUTIONS

- Can be easily re-located to provide emergency eye wash capability near hazards
- Help reduce on-the-job eye injury
- Ideal for sites without plumbing

GRAVITY FED EYE WASH

- 15 minutes of flow time complies with ANSI Z358.1-2009 and AS4775-2007
- Made from green high-density polyethylene, with an orange fold down arm for easy identification
- Tank capacity is 35 litres
- Supplied with wall bracket and anti-bacteria solution

Order Code: EL483



PORTABLE EYE WASH/BODY SPRAY 45L

- 'Soft Spray' flow controlled eye wash outlets
- Stainless steel hand actuator & stay-open ball valve (
- Trigger action hand held body spray with 1.5m hose
- Safety pressure relief valve and pressure gauge
- Pressurised by plant or bottle air via tyre filler connection
- Pressurise to 500kPa (71psi)
- 45L (10G) potable water capacity
- Pressurise to 500kPa (71psi)

Order Code: EL481

ALSO AVAILABLE: PORTABLE EYE WASH 45L

- 'Soft Spray' flow controlled eye wash outlets
- 15 minutes of eye wash flow time

Order Code: EL482



EYE WASH TROLLEY

- Makes the 45L Eye Wash/Body Spray portable
- Strong 100% polyethylene construction won't rust or corrode

Order Code: E7301-CG

ANTI-BACTERIA WATER PRESERVATIVE CONCENTRATE

- One bottle preserves 15 to 70 litres for up to 6 months
- Sold in cases of 4

Order Code: ESS200



PORTABLE EYE WASH/BODY SPRAY 9L

- Single aerated outlet and 1.5m hose
- Pressurised by plant or bottle air via tyre filler connection
- Pressurise to 700kPa (100psi)
- 9L (2G) potable water capacity
- Green powder coated finish

Order Code: EL480



TOBIN EYE WASH SYSTEMS

- Wall stands for stationary work places or transport stand for mobile units
- Sterile saline solution to rapidly remove most eye contaminants
- Specially designed bottles with opened air vent give 3 minutes of continuous flow
- 1 litre sterile saline bottles with 3 year shelf life from time of manufacture

WALL STAND - 5 BOTTLE

Order Code: TOB124 39(H) x 45(W) x 10(D) cm



WALL STAND - 2 BOTTLE

Order Code: TOB129 39(H) x 20(W) x 10(D) cm



TRANSPORT STAND

Order Code: TOB127 34(H) x 20(W) x 10(D) cm



POCKET EYE WASH BOTTLE

- Personally carry in pocket
- Enables washing in seconds
- Contains 200ml sterile saline solution

Order Code: TOB121



REPLACEMENT BOTTLES

Order Code: TOB128 - 5 x 1 litre Bottle TOB126 - 2 x 1 litre Bottle





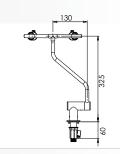
LABORATORY EMERGENCY

EYE WASHES AND SUPPLEMENTARY SUPPORT FACE AND BODY SPRAYS

PULL DOWN EYE WASH

- Wall or bench mounted models
- Pull down eye wash arm to activate water flow
- Soft aerated outlets with flip-top dust covers
- To meet ANSI Z358.1-2009 and AS4775-2007 eye wash outlets need to be between 838mm to 1143mm from the surface where the user stands

Order Code: EL486 - Bench Mounted EL487 - Wall Mounted

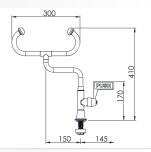




SWIVEL OVER SINK MOUNTED EYE WASH

- To meet ANSI Z358.1-2009 and AS4775-2007 eye wash outlets need to be between 838mm to 1143mm from the surface where the user stands
- Swivels over sink when required
- Bright chrome plated
- Powder coated option available

Order Code: EL570 - Bench Mounted - Standard Chrome Finish
EL570E - Bench Mounted - Epoxy Coated Finish
N.B. Wall mounted version also available

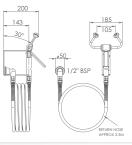




WALL MOUNTED HAND HELD EYE WASH AND BODY SPRAY

- To meet ANSI Z358.1-2009 and AS4775-2007 eye wash outlets need to be between 838mm to 1143mm from the surface where the user stands
- Premium grade nylon 3.3m self-coiling hose allows for body spray flushing of incidental contaminants from the body

Order Code: EL485

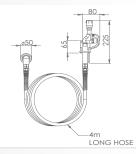




WALL MOUNTED HAND HELD SINGLE OUTLET EYE WASH AND BODY SPRAY

- Aerated adjustable spray nozzle
- Chrome plated brass body
- Premium grade nylon 4m self-coiling hose

Order Code: **EL450**





WALL MOUNTED HAND HELD SINGLE OUTLET EYE WASH AND BODY SPRAY

- Aerated adjustable spray nozzle
- Chrome plated brass body
- Stainless steel braided 1.5m hose

Order Code: EL420

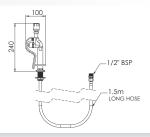




BENCH MOUNTED HAND HELD SINGLE OUTLET EYE WASH AND BODY SPRAY

- Aerated adjustable spray nozzle
- Chrome plated brass body
- Stainless steel braided 1.5m hose

Order Code: EL540





MULTI-SPRAY SHOWERS

FREE STANDING MULTI-SPRAY **DECONTAMINATION SHOWERS**

For decontamination where hazardous substances are used

- Multi-sprays for maximum coverage of clothing
- Highest quality components ensure reliability
- Stainless steel construction for maximum durability and reliability

Inlet Connection: 32 mm (11/4") BSP

NPT and flange connections available for petro-chemical and offshore applications

Minimum Water Supply Line Size: DN 32 (11/4") Nominal Size

Minimum Working Pressures: 35 kpa (5 psi) Dynamic

Minimum Flow Rates: 61 lpm (13.5 gpm)

Mounting: Floor Flange

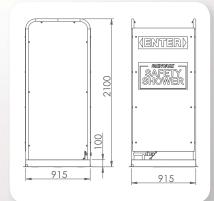
FREE STANDING PLATFORM OPERATED MULTI-SPRAY SHOWER

- 16 Multi-spray outlets
- Step on operation
- Two side panels for walk through decontamination

Order Code: EM630

Side Panels can be Powder Coated in: Green, White, Yellow and Orange.

Please specify when ordering.





Stepping on platform activates shower

FREE STANDING PLATFORM **OPERATED MULTI-SPRAY SHOWER & EYE/FACE WASH**

- 16 Multi-spray outlets
- Three side panels
- Step on shower activations

Order Code: EM690

Side Panels can be Powder Coated in: Green, White, Yellow and Orange.

Please specify when ordering.



FREE STANDING HAND OPERATED MULTI-SPRAY SHOWER & EYE/FACE WASH

- 16 Multi-spray outlets
- Three side panels

Order Code: EM660

Side Panels can be Powder Coated in: Green, White, Yellow and Orange.

Please specify when ordering.



FREE STANDING DUAL PLATFORM **OPERATED MULTI-SPRAY SHOWER** & EYE/FACE WASH

- 16 Multi-spray outlets
- Three side panels

Order Code: EM900

Side Panels can be Powder Coated in: Green, White, Yellow and Orange.

Please specify when ordering.

ALSO AVAILABLE:

FREE STANDING DUAL PLATFORM OPERATED MULTI-SPRAY SHOWER AND EYE/FACE WASH WITH AUDIBLE/VISUAL ALARM AND FLOW SWITCH

Order Code: EM930



ACCESSORIES

SIGNAGE



Safety Shower Sign 300 x 400mm Self Adhesive Sticker: ESS502 Colourbond Metal: ESS503



Emergency Eye Wash Sign 300 x 400mm Self Adhesive Sticker: ESS501 Colourbond Metal: ESS504





Combination Shower and Eye Wash Sign 600 x 450mm Colourbond Metal: ESS505

ANTI STATIC SHOWER TESTER

Waterproof, anti-static, lightweight, durable design. Simply attach to shower head, secure draw cord and place other end in a bucket. (Bucket not included)

Order Code: EST100



THERMAL RELIEF VALVE

When water temperature reaches a point that could be hazardous to the user, a thermal relief valve is set in-situ to bleed off built up hot water in the pipe work. Activated at 40.6°C, water is released until a safer temperature of 35°C or less is reached. Fitting fee is an additional charge.



Order Code: EAA970

Anti-freeze valve also available for cold weather applications. Insulation is available - contact your Enware representative for more information.

PRESSURE SWITCH

For applications with varying pressures, parameters can be set to warn for unsafe water pressure. Often used in areas where water pressure fluctuates to a level that could hinder the emergency deluge system.

Order Code: EAA968

AUDIO VISUAL ALARM 24V

Helps increase awareness of safety equipment. Requires wiring by licensed electrician at installation.

Order Code: EAA988

Audio visual alarm pictured - full wired with flow switch.



ELECTRICAL WIRING FEE

For Audio Visual Alarm (Alarm units to suit combination and platform showers)

Order Code: EAA964

FLOW SWITCH 1" - TO SUIT EMERGENCY **AND MULTI-SPRAY SHOWERS - 240V**

The flow switch is used to activate the Audible Visual Alarm. The switch becomes operational when the flow of water supplied to the deluge system is turned on.

Order Code: EAA982 - Brass

Order Code: EAA983 - Stainless Steel

FLOW SWITCH 1/2" - EYE & EYE/FACE WASHES - 240V

Order Code: EAA980 - Brass

PROXIMITY SWITCH WITH STAINLESS STEEL DETECTION SENSOR

Alternative to a flow switch for activating alarms or lights.

Order Code: EAA984

EMERGENCY LIGHT 2 X 18W GREEN TUBES

Used to indicate safety deluge location.

Order Code: EAA972

JUNCTION BOX FOR EMERGENCY LIGHT

Order Code: EAA973

SPECIAL PRODUCTS

This gravity fed deluge shower was specifically designed for remote mining applications, where no plumbed water is available. It incorporates a 2250 litre water tank.

All of Enware's deluge shower and eye/face wash equipment is available with end connections for inlet and waste to suit your site requirements.

We can build units to suit your needs - for more information contact Enware.



PORTABLE DECONTAMINATION

PORTABLE HAZCHEM DECONTAMINATION SHOWER

- Space-saving designs store easily when not in use
- Quick and easy to assemble on site
- Folds up for easy transportation and storage
- Weight 25kg

Order Code: EM810 - 6 Spray

ALSO AVAILABLE:
Order Code:
EM840 - 24 Spray







ALSO AVAILABLE FROM ENWARE:

SPILL CONTAINMENT AND DISPENSING SOLUTIONS

- Overpack salvage drums
- Drum dispensing
- Mobile dispensing
- IBC containment
- Spill pallets
- Portable containment



CHEMICAL HAZARD CONTAINMENT AND NEUTRALISATION SYSTEM

- Effective against a wide range of toxic chemicals, including Acids, Halogenated & Phosphorus
 Compounds and Caustic Gases
- Neutralises both liquid and vapour
- Rapid acting upon contact
- Safe non-toxic, non-corrosive, non-flammable and environmentally friendly
- Easy to operate portable delivery systems



ENWARE IN BRIEF

Enware is a world-leading Australian designer and manufacturer of quality specialist commercial tapware solutions and safety systems.

Since inception in 1937, Enware Australia has grown significantly. Today, Enware has offices located around the country and is represented in major regions throughout the world including Asia, the Pacific, the Middle East and Europe. As a global leader of specialist tapware and safety systems, Enware offers a more extensive range than any other company on the market.

SOPHISTICATED MANUFACTURING DELIVERS PREMIUM QUALITY

To develop our innovative specialist products we use extensive market research, our technical know-how and experience. Our precision manufacturing plants ensure the quality and reliability for which Enware products are renown, with our continued commitment to meeting Australian and international standards.

We strive to exceed your expectations by providing durable, dependable products that are designed and manufactured in an environmentally caring manner.

SPECIALIST PLUMBING SOLUTIONS

ADAPTABLE WORK & LIVING SOLUTIONS

ENVIRONMENTAL, HEALTH & SAFETY SOLUTIONS

STAINLESS STEEL WASHROOM SYSTEMS



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