

CONSTRUCTION & PLUMBING

The Official
Magazine of the
Master Plumbers
& Gasfitters
Association of WA

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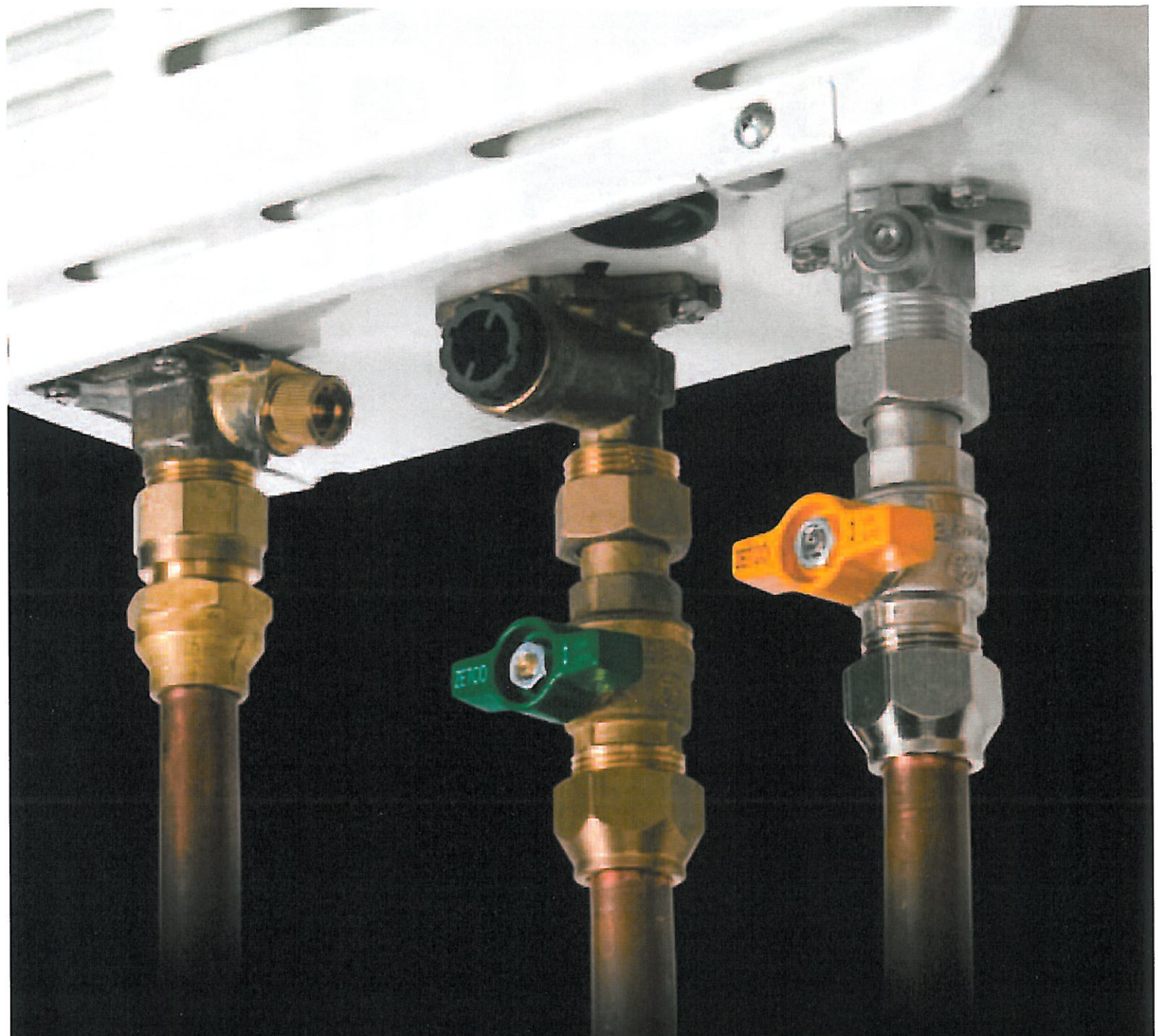
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Volume 55 - Issue 3, September 2011

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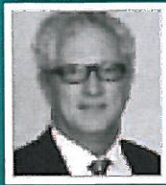
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SEPTEMBER 2011

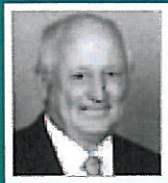
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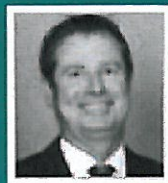
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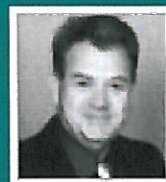
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Master Plumbers & Gasfitters' Trade Magazine is produced by the Master Plumbers & Gasfitters Australia - WA Association

Statements and information appearing in the publication must not be interpreted as having the endorsement or being the opinion of the Association, which takes no responsibility for the correctness of statements or comment made in the publication.

World Plumbing Conference in Edinburgh, Scotland

I have had the privilege of attending the World Plumbing Conference in Edinburgh, Scotland. During the conference the attendees listened to a range of speakers from around the world

MPGA's Executive Committee Member, Bob Goodchild did us proud with a very informative and professional presentation on plumbing in Western Australia including his recent study tour to South Africa. As the MPGA President I was impressed with the way Bob reported to the World Plumbing Council delegates on his South African tour as the recipient of the 2010 WPC Education and Training Scholarship.

I had the opportunity to converse with many delegates from around the world as well as those from Australia during the trip and

can confirm that we in WA are extremely fortunate and present as a professional industry association working not only to maintain, but further increase the high standards of plumbing within Australia. I look back with pride over the last 28 years being involved with the MPGA and returning to my place of birth as the President of the MPGA was an experience to be remembered.

Pictures from the conference, including the Gala Dinner at Edinburgh Castle will be posted on our website shortly so make sure you take a look as many of the Australian delegates got into the spirit of Scotland by wearing kilts, including myself!

I encourage all members to attend any future World Plumbing Conferences as it is a very worthwhile and rewarding experience.

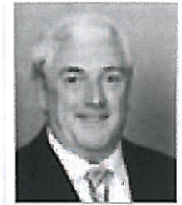
Also, please do not forget to confirm your attendance at our own Awards for Excellence Gala Night on Saturday 19 November as this will, as always, be another successful and enjoyable evening.

Regards,

Bill Busby

President

Master Plumber & Gasfitters Association, WA



BILL BUSBY
PRESIDENT

I encourage all members to attend any future World Plumbing Conferences as it is a very worthwhile and rewarding experience.

A New Era for the MPGA

As the rapid growth of the MPA Group continues across all areas, the administration function of the organisation is set to relocate to new premises at 353 Shepperton Road, East Victoria Park. The shift will be occurring in December ready for the new year.



The training facilities at Maylands and Bayswater are currently at capacity and the relocation of the administration function will allow for the current office space at Maylands to be converted into training rooms for use by MPA Skills, our training arm.

The new building was purchased in June, is brand new and centrally located to align with the MPA Group's future planned satellite training campuses to be developed throughout the Perth metropolitan area.

The offices at 106 and 108 Caledonian Avenue Maylands have served us well however, with the ever increasing growth of Association members and the number of training rooms required for apprenticeship and post trade training the shift has become a necessity.

The existing offices on the upper level of 108 Caledonian Avenue will be renovated into the MPA Group's Business Centre to cater for the demand in licence, registration and business

training for both the plumbing and painting industries. The current administration area at 106 Caledonian Avenue will be converted into training rooms for apprenticeship training in 2012 and beyond.

I am also pleased to announce that construction is about to begin on the Central TAFE and MPA Group aligned purpose built sustainability training centre. This campus will facilitate sustainability focused

training in a number of industries with a dedicated area for plumbing and painting training and will be situated on Royal St, East Perth.

As the CEO of the MPGA I am very proud of the growth of the Association in recent years and I look forward to what lies ahead.

On behalf of the Executive Committee, we welcome and encourage feedback from you, our members and can be contacted on 9471 6661 or via email at mail@mpawa.asn.au.

Regards,

Murray Thomas

CEO

Master Plumber & Gasfitters Association, WA



MURRAY THOMAS
CEO



Training & Apprenticeship Employment
DIVISION OF MPA GROUP

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Western Australia's Building Acts and industry innovations have arrived...



Government of Western Australia
Department of Commerce

Building Commission



PETER GOW
BUILDING COMMISSION
EXECUTIVE DIRECTOR

Welcome to the September edition of the MPGA's Construction & Plumbing Magazine. The Building Commission is pleased to be involved, to help communicate valuable information about what is happening and where you can find resources and help, to make your business dealings better.

The Building Act 2011 received Royal Assent in July and is due to be implemented, along with supporting regulations, in October. Complementary Building Services Legislation has transformed the way in which consumers seek assistance with building related issues. A one-stop service is available, which compliments plumbing workmanship complaint resolution, currently provided by the Plumbers Licensing Board (PLB).

The Builders Registration Board, the Painters Registration Board and the Building Surveyors Qualifications Committee have now been abolished. Registration of all three occupations is managed through the Building Commission by the Building Services Board. Further information is available by telephoning 1300 489 099 or on the Building Commission's website at www.buildingcommission.wa.gov.au.

Recently, two new Plumbing Technical Notes were added to the PLB website www.plumbers.wa.gov.au to help licensed contractors meet consumer expectations for water conservation and hygiene. Awareness of correct installation and maintenance of waterless urinals and boundary traps is becoming paramount in our modern building industry and penalties exist

for unlicensed work and improper installations. Visit the website to find the facts, email plumbers@commerce.wa.gov.au or call us on 1300 360 897, we are here to help.

By the next edition of Construction & Plumbing Magazine I hope to be in a position to share the latest news on national licensing undertakings in Australia.

Want to know more...?

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Phone: 1300 489 099

Email: info@buildingcommission.wa.gov.au



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- Financial

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“Tube out by others” in new house construction

By Kevin Hooper

Subcontractors doing the finishing and commissioning of gas installations cannot mitigate their responsibility by stating in section 8 of the NOC, “tube out by others”. Also, the use of composite pipe in these instances needs to be badged alongside the compliance badge required for the tube out.



Under the Gas Standards Act 1972 only “permitted” gas fitters are able to undertake gas fitting work in Western Australia. The obligation to ensure the gas installation remains safe and compliant rests with all within the gas industry.

To encourage compliance, gas inspectors from both EnergySafety and the gas suppliers will be further evaluating the comments in section 8.

Both the Compliance badge and the composite pipe label needs to be placed in the gas meter box or under the LP Gas hood.



TYPE OF WORK		REPAIR WORK	REPAIR WORK
NEW CONNECTION	<input checked="" type="checkbox"/>	REPAIR WORK	<input type="checkbox"/>
REPAIR WORK	<input type="checkbox"/>	APPLIANCE CONNECTION	<input checked="" type="checkbox"/>
A TYPE A (RESIDENTIAL-COMMERCIAL) APPLIANCES		B TYPE B (INDUSTRIAL) APPLIANCES	
APPLIANCE DESCRIPTION	No.	Year	DESCRIPTION
WATER HEATER	1	2015	WATER HEATER
Cooking Appliance			
SPACE HEATER			
STOVE			
DETAILS OF OTHER APPLIANCES			
COMMENTS AND ADDITIONAL DETAILS (include any applicable residential/commercial numbers)		GAS CONSUMPTION PRE-ASSEMBLED <input type="checkbox"/> ASSEMBLED ON SITE <input type="checkbox"/> CONVERSION <input type="checkbox"/> If all appliances are to be not permanently connected, attach Inspector's Certificate of Compliance issued by: _____ INSPECTOR	

A Notice of Completion (NOC) is required for all gasfitting work, this includes sections of pipework (tube out) installed in the early part of construction of a new house. It is becoming increasingly apparent that this portion of the work is not being certified.

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Waterwise has a fresh new look

The current water situation in Western Australia has meant that the need to reduce our water use is more important than ever.

The Waterwise Programs were first created in 2001 and although the programs have gone from strength to strength, we felt that it was time to update and modernise the look of the brand and relaunch the program to the community.

Promotion of the Waterwise Specialist programs is one component of a larger effort by the Water Corporation to help the Western Australian community reduce their water use to avoid the implementation of greater water restrictions in the future. This presents the perfect opportunity to revitalise the program and promote the importance of choosing waterwise.

Are you a Waterwise Specialist? If not, sign up today!

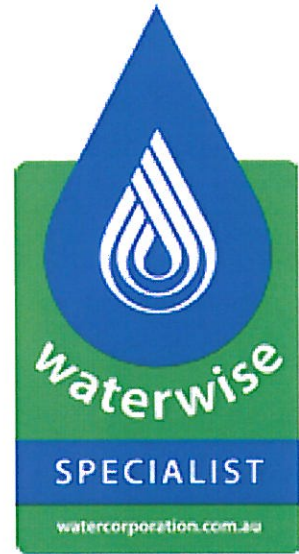
The promotion of the new-look Waterwise Specialist program will form an essential component of the Corporation's demand management, marketing and advertising campaign leading into summer 2012.

demand for a waterwise label that clearly differentiates waterwise products and services from others. So, what does the new Waterwise Specialist logo look like?

This style and colour was the logo most favoured by customers and the majority of the Waterwise program participants. It is clearly associated with the Water Corporation, which our customers indicated adds credibility to the brand.

The new look Waterwise programs will be launched during National Water Week (17 - 22 October 2011). Further details of the launch will be made available to Waterwise Specialists in due course.

To find out more about Waterwise Specialists or how to become one, visit www.watercorporation.com.au and follow the 'Being waterwise' links.



The aim of the new Waterwise campaign will be to raise the profile of endorsed Waterwise products and services and meet consumer

AVG tempering valves now come insulated and comply with AS 3500 at no extra cost

Suitable for storage hot water systems



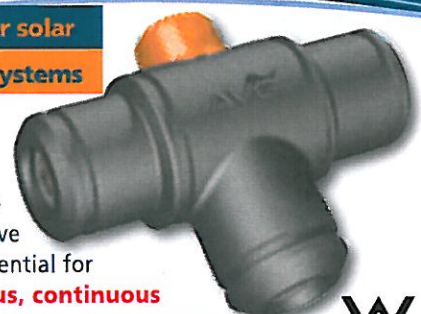
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BYRON DAVEY
CLIENT SERVICE REPRESENTATIVE

MPA Skills welcomes Byron Davey to the role of Client Service Representative

Byrons primary role with MPA will be to connect and inform the industry on the services that the MPA Group provides along with the following:

- Inform plumbing businesses and staff about the benefits of MPA Skills Training & Apprenticeship Employment.
- Develop relationships within the industry
- Promote the benefits of MPGA Membership within the industry
- Liaise with plumbers and their staff

Here is a little more about Byron and what he brings to his role at the MPA Group:

Tell us about your professional career.

I have been in the industry for close to 25 years. Starting at 16 with Plumbers Co – Operative where I enjoyed 7 years working my way up through the ranks.

A move to Darwin saw me join Plumbing World for two years. Then

as most young men do, travelled overseas for a couple of years. On returning I rejoined the plumbing industry with Galvins before returning to Plumbers Co – Operative again for a further nine years, then they were purchased by Northern's Plumbtec in 2004.

And as it sometimes does, history repeated itself as Northern's was bought out by Tradelink. This began my time with Tradelink further adding to my knowledge. Which brings me to present day and the MPA Group where I hope to put my wealth of knowledge and extensive experience to good use.

What do you think are the main issues that are facing the Plumbing Industry?

Recruiting good, loyal people who will enjoy the good times and stick through the hard times. Finding apprentices that possess a good sense of ownership and loyalty.

Byron welcomes your feedback and looks forward to being an integral part of the team at the MPA Group

and addressing the issues that our members face every day.

Please feel free to contact Byron by email ByronD@mpaskills.com.au or phone 9471 6632 0419 434 173



DIVISION OF MPA GROUP



DIVISION OF MPA GROUP

Taking the plunge in a mans world



Coming from a family of plumbers Chloe Preece couldn't think of a better trade to get started in. For the daughter MPGA member Patric from Palm Springs Plumbing & Maintenance it was only natural that Chloe wanted to pursue a career in this industry.



Chloe commenced her apprenticeship with MPA Skills in May 2011 as the opportunity to be employed by an organisation that provides mentoring throughout the apprenticeship term and that exposes her to all aspects of plumbing and gasfitting was too good to pass up.

Chloe first expressed her interest in taking up a plumbing apprenticeship by attending the Energy Safety Expo at Ascot Race Course.

Living in the Peel region Chloe is currently working for MPA Skills Host Employer & MPGA Member, Swans Plumbing & Gas. Steve Swan and Rob Whitney from Swans Plumbing & Gas saw the opportunity to employ a female plumber as a real advantage. When asked about how Chloe was establishing herself within Swans, Steve said "quality customer service is what is required in maintenance plumbing. Chloe brings to the

business a positive outlook, and the elderly client really appreciate having a female on the job."

MPA Skills continues to promote careers in the plumbing industry via its "Try a Trade" program which operates in over 30 secondary colleges throughout the Perth Metropolitan area, in addition to this most recently MPA Skills participated at both the Careers Expo & the Skills West Expo at the Perth Convention & Exhibition Centre.

If you know of someone who is interested in a career in the plumbing and gasfitting industry, please contact MPA Skills as intakes and interviews for 2012 are commencing now.

Steve Swan & Rob Whitney from Swans Plumbing & Gasfitting saw the opportunity to employ a female plumber as a real advantage

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Harmonised National Occupational Health and Safety Laws

The Commonwealth and each State and Territory Government have agreed to harmonise their work health and safety laws, including Regulations and Codes of Practice so that they are similar in each jurisdiction.

The Commonwealth, States and Territories are responsible for developing and enforcing their own work health and safety laws. Although there are many similarities between the laws there are also some differences which can cause confusion.

This regulatory inconsistency is being addressed through an intergovernmental agreement where, for the first time, Governments from each State and Territory and the Commonwealth have formally committed to harmonise work health and safety laws by developing and adopting a model Work Health and Safety Act supported by model Regulations and model Codes of Practice. The intention is to deliver the same work health and safety protections to all Australians.

NOTE: The draft Act has not been signed off by the Western Australian Government as yet. The information below is in a draft model format however, highlights what is likely to become law. When approved, the National Work Health and Safety Act and Regulations will come into effect as of January 2012.

What are the changes?

1. Note that the title is now Work Health and Safety now rather than Safety and Health as more emphasis is being placed on health – that includes general wellbeing and psychological health as well.

2. Primary Duty of Care:

Presently - An **EMPLOYER** has a duty over an **EMPLOYEE** or contractor under their control.

New - **Any person** who conducts a business or undertaking (whether as an employer, self employed person, principal contractor or otherwise) holds a primary duty of care for the health and safety of:

- Workers, with an expanded definition that is not limited to a contract of employment or deeming through

direct engagement by contracting, referring instead to a broader 'person who works in a business or undertaking', and

- Others who may be put at risk to their health and safety by the conduct of the business or undertaking (e.g. public).

3. Union right of entry:

Adoption of an expansive approach to the right of entry of unions on OHS matters.

The Act will allow unions to enter premises to:

- Investigate a suspected contravention of the Act or Regulations;
- Consult workers on OHS issues;
- Provide advice to workers; and
- Consult with the person in management or control of a business, undertaking or relevant workplace on OHS issues.

4. Communication and Consultation:

Presently - WA OHS legislation provides that the employer's duty of care requires consultation with employees regarding OSH at the workplace.

New - The Act includes a duty of care for a person conducting a business or undertaking to consult with workers (not only employees – see below) about matters affecting health and safety.

Sub-contractors, labour hire companies and others will also be affected by the changes.

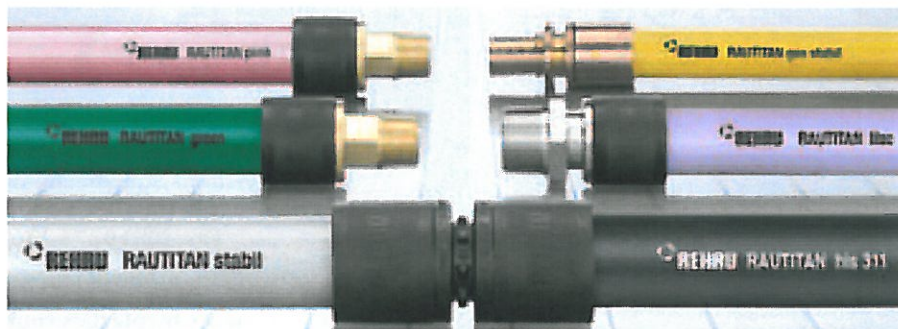
The definition of consultation remains the same, so to be undertaken when:

- Identifying hazards and assessing risks from work performed;
- Making decisions about ways to eliminate or control those risks;



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Construction
 Automotive
 Industry

- The adequacy of workers facilities;
- Proposing changes that may directly affect the health and safety of workers;
- Making decisions regarding the procedures for resolving OHS issues, consultation mechanisms, monitoring health to workers and conditions in the workplace; and
- The provision of information and training for workers.

5. Incident Notification

The Act states that the person conducting the business or undertaking has the responsibility to notify the regulator immediately where there is a;

- Fatality;
- Serious injury;
- Serious illness; or
- Dangerous Incident, that arises out of the conduct of the business or undertaking *this point is new for WA*.

It will no longer be purely the responsibility of the employer to report injuries, illness or incident, but for anyone conducting a business or undertaking. This is likely to result in multiple reports for the same incident.

NOTE: There has also been a deletion of the 10 day away from work injury/illness reporting requirement.

6. WorkSafe Inspectors:

Qualifications and training under the model Act are to be specified and nationally consistent for all regulators.

Inspectors will have the following roles to assist a person conducting a business or undertaking:

- Provide advice and information to duty holders;
- Review PIN's;
- Assist in issue resolution at workplaces;

Inspectors will have the power to be able to issue:

- Safety directions;
- Improvement Notices;
- Prohibition Notices;
- Infringement notices; (on the spot fines - new to WA)
- Investigate suspected breaches;
- Give directions for non-disturbances of sites;
- Assist in prosecutions.

7. Privilege against self-incrimination [No change for WA]:

The privilege against self-incrimination will not apply to questions asked by an inspector for the purposes of enforcing ongoing compliance and securing health and safety.

However, the privilege against self-incrimination would be available to a person in response to a request for information or questions asked for the purposes of investigating a breach of the Act or regulations.

In other words, if 'compelled' by a WorkSafe Inspector to participate in a formal record of interview or answer questions, anything that an individual says cannot be used against them however, the information may be used against another party.

8 OHS Offences:

Breach/s of duty of care – criminal offences for both Companies and Individuals.

Prosecution – criminal standard of proof for all elements of offence (beyond a reasonable doubt).

Penalties – Increase dramatically and vary in line with non-compliance with duty, culpability and level of risk.

NOTE: Individual penalties, inclusive of imprisonment terms have been added.

CATEGORY	DESCRIPTION	INDICTABLE / SUMMARY	MAXIMUM PENALTY
Category 1	Most serious cases – Breach of the primary duty, involving recklessness or gross negligence that results in serious harm (fatality or serious injury) to a person – or a risk of such harm.	INDICTABLE	Corporation = \$3 Million Individual \$600K Imprisonment up to 5 years.
Category 2	Breach of the primary duty where serious harm or the risk of it, without the element of recklessness or negligence.	SUMMARY	Corporation = \$1.5 Million Individual = \$300K
Category 3	Breach of the duty that does not involve serious harm or the risk of serious harm.	SUMMARY	Corporation = \$500K Individual = \$100K

For any MPGA Member requiring further information on the upcoming legislative requirements under the Work Health and Safety Act 2010, or any other occupational safety and health advice or assistance, please do not hesitate to contact Safety Solutions WA via the MPGA.

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BW Plastics is a custom plastics fabricator specialising in sheet and pipe products fabricated from PVC, PE/HDPE and PP.

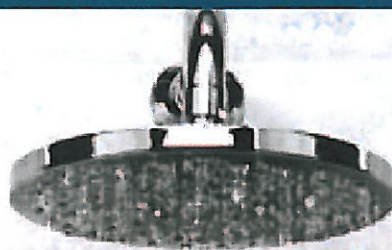
BW Plastics provides custom fabrication and on-site installation, repair and services.



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- ▶ True constant pressure
- ▶ Compact design
- ▶ High energy efficiency
- ▶ Dry run protection
- ▶ Easy installation
- ▶ Stainless steel construction



www.homeperformance.grundfos.com

The HOME PERFORMANCE range holds the solutions to all domestic water supply, wastewater and hot water needs.

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We've turned up the heat and produced Australia's best

See for Yourself:

1 Reduced Energy Costs

With energy prices on the rise, replacing your old electric water heater with a Dux Airoheat could save you hundreds in runnings costs per year¹.

2 Smaller Carbon Footprint

Versus a standard electric water heater, you can reduce your home's carbon emissions by 3.18 tonnes per year. It's like taking a car off the road every year².

3 Quick Installation

Being a one piece compact heat pump, the installation is typically quick and simple.

4 Australian Owned

Dux is part of Australia's publicly listed GWA Group.

5 No need for Backup

Airoheat doesn't have an energy wasting back-up element.

6 Space Saving

Airoheat has a small footprint, taking up little space.

7 Most Awarded

Airoheat has been awarded 6 major industry awards for its superior efficiency and impeccable environmental credentials, more than any other heat pump.



CleanUp



Our Climate

Ian Kiernan AO

Clean Up Founder &
Brand Ambassador for Dux



For a selection of hot water products with impeccable environmental credentials and to easily calculate any applicable State and Federal Government rebates, visit www.dux.com.au



1. Running cost savings based on replacing existing electric storage tank on continuous tariff only. Comparison to electric storage on off peak will result in lower savings. 2. Based on REC value of 30 in zone 3 (NSW). Airoheat can save 3.18 tonnes of CO₂ over a ten year period. Calculation uses NSW CO₂ coefficient of 1.06kg/kWh electricity - Department of Climate Change (2008).

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- Compatible with low flow rated showers (3 Star) saving water
- Extended parts and labour warranty with the installation of 2 or more Controllers

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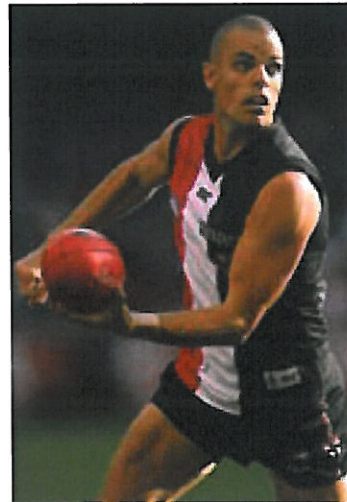
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R157WA

Brett Peake, Saint Kilda Midfielder and Plumber took time out of his busy finals schedule to chat with the MPGA...



Why Plumbing?

I didn't plan to go on to Year 11 and 12. I wanted to start earning a living, my Dad was a plumber and as most boys do I wanted to follow in his footsteps.

Where did you do your apprenticeship?

I started with CPL Plumbing in Willetton then went on to Boeing Plumbing.

Which TAFE did you attend?

Fremantle TAFE.

How did you balance your football development with your apprenticeship and work life?

I just remember really long days. I was playing for the WAFL at East Fremantle and we were training 3 nights a week on top of working and studying, however football wasn't a focus back then. I was fortunate that being drafted to the Fremantle Dockers coincided with the completion of my apprenticeship.

Your form with St Kilda has coincided with the Saints improved second half of the season. Why the turnaround?

When you are faced with a dismal start the only way is up.

It's been a tough time at the Saints off the field, how have you retained your focus?

With both footy and day to day there have been tough times. I would say just by remaining positive and dealing with things in an up beat manner.

Do you stay in contact with any former Freo teammates?

Yes I keep in touch with quite a few of the boys.

A keen observer says it appears as if you wear totally black socks in games but they are actually black, red and white. Do you fold your socks a certain way to show just black and if so, is it superstition?

Yes I do fold down my socks, but not for superstition purposes. As I'm a runner I fold them down as I like shorter socks for running. I fold them to show black only for home games and white only for away games. I used to cut down my socks to make them shorter but the AFL impose a fine to a player if found altering the uniform, so now I just fold them down.

Life after footy - will you come home to Perth just like your dad did after his Geelong career?

Melbourne is such a fast paced city in comparison to Perth which also includes some great prospects. I would like to remain in Melbourne as long as possible and be open to whatever opportunities come my way.

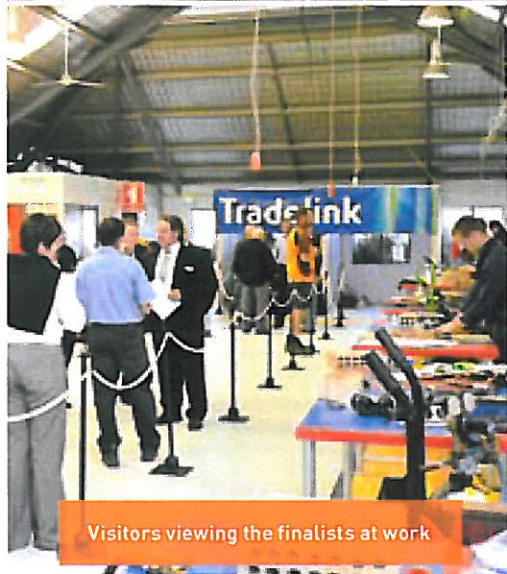
Do you have plans to return to plumbing industry once you have retired from football?

The trade taught me a great work ethic and respect but the tools were never my number one priority. I would like to think I will always be attached to the industry perhaps by having my own business one day.

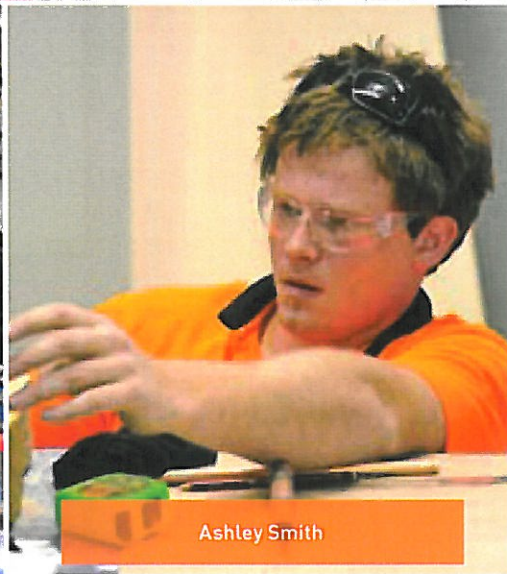
CONSTRUCTION & PLUMBING EVENTS



No nerves on show for the 12 2011 MPGA Apprentice of the Year Finalists



Visitors viewing the finalists at work



Ashley Smith



Four of the finalists proving their mettle



ASHLEE PHUR
EVENTS MANAGER

Apprentice of the Year plumbing finalists showcase their talent and skill

The annual competition is held in the highest regard by the plumbing industry and the Master Plumbers & Gasfitters Association of WA. The apprentice network represent the future of the industry and MPGA competitions allow apprentices to showcase their skills and proves to be a valuable learning tool for those who take part.

The best plumbing apprentices in the state gathered, to showcase their skill and technique on Friday 12 August 2011 as part of the annual MPGA Apprentice of the Year Awards.

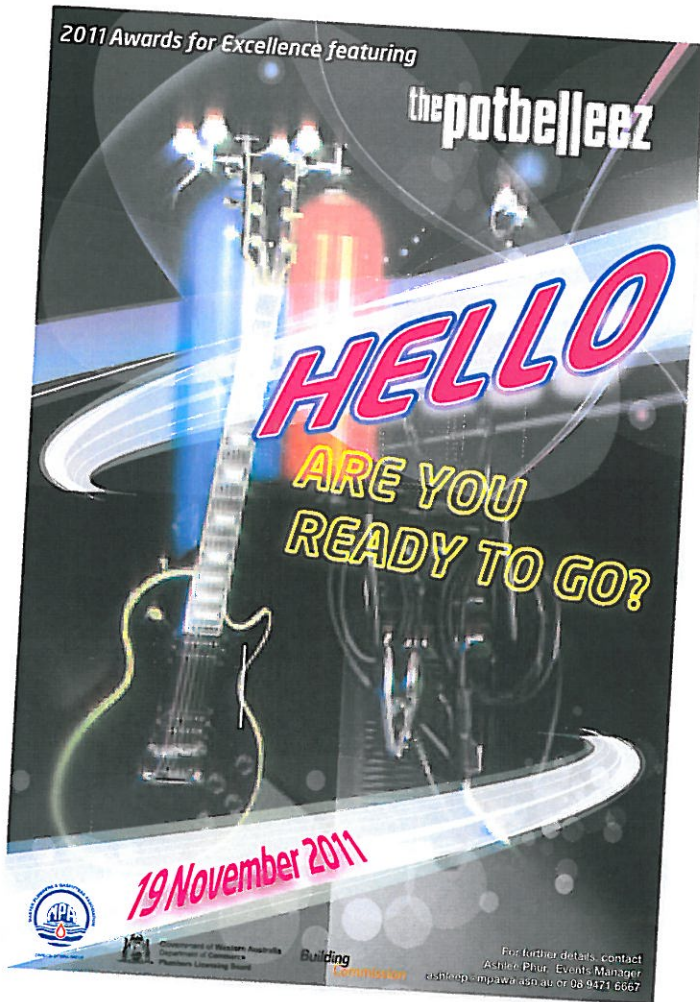
The 2011 Apprentice of the Year finalists are:

- Felix Ellis
- Steven Schubert
- Brentt Tawhai
- Chris Karsten
- Nathan Halliwell
- Chad Morache
- Hamish Wilson
- Robert Rout
- Peter Hulshoff
- Ashley Smith
- Timothy Humble
- Steven Edwards

The twelve finalists that took part in the practical competition at the MPGA headquarters in Maylands were assessed on a range of trade skills.

Winners of the award will be announced at the infamous Awards for Excellence gala dinner to be held at Burswood Entertainment Complex on Saturday 19 November 2011.

Well done to all finalists And the winner is.... Shhhhh we will have to wait and see.



Celebrate your Success and stay the night!

Exclusive accommodation rates are available for all guests of our gala night on Saturday 19 November 2011. Standard room rates for both the Holiday Inn and InterContinental Perth Burswood are listed below:

Holiday Inn Perth Burswood

- \$292 room only
- \$337 room and buffet breakfast for 2 in Sirocco Restaurant

InterContinental Perth Burswood

- \$332 room only
- \$387 room and buffet breakfast for 2 in Atrium Restaurant

To book a room call Burswood reservations on 9362 8888 and quote 'MA2'.

This exclusive offer expires on Wednesday 19 October 2011.

Any new reservation requests after this date will be subject to hotel availability (the above rate will still apply as long as the 3-letter code: MA2 is quoted at the time of booking).

MARK YOUR DIARY

OCT

Friday 14th October
South West Golf Day

Wednesday 19th October
MPGA Executive Meeting

16th - 22nd October
National Work Safe Australia Week

19th October
Sham Contracting Industry Forum

NOV

Wednesday 16th November
MPGA Executive Meeting and
Ordinary General Meeting

Wednesday 16th November
Plumbing Industry Forum

DEC

Friday 16th December
MPGA Christmas Closure
Reopens Tuesday 3rd January

Please note MPGA Flimsy Department will operate throughout the Christmas and New Year period. Keep an eye out for correspondence outlining specific dates and times!



BOB GOODCHILD
MPGA COMMITTEE MEMBER

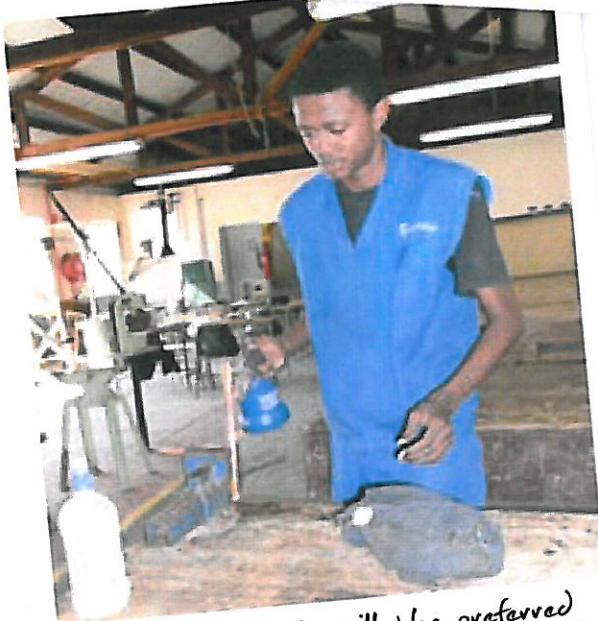
Plumbers helping Plumbers!

The award of WPC educational scholarship was an amazing experience visiting Cape Town in South Africa & presenting a report to WPC delegates in Edinburgh, Scotland. My visit to Cape Town lasted almost three weeks, where I was introduced to a wide range of industry issues & problems, including a visit to False Bay Technical College, where I met lectures & students from the plumbing department. One of the highlights of the visit was my presentation to 125 industry representatives.

The visit to a local Township was a shock to the say the least. The settlement is only 25 Km's from the CBD & is home to over 30,000 residents. Cholera out breaks in young children are not uncommon, this is due to poor sanitation & water supply. Open sewers are the standard method of removing waste. Although this is a terrible situation improvements are being made with the clearing of some of the oldest dwellings and the construction of new homes. Also, a new school is being built, which is another indicator that progress is being made.



New plumbing students at the False Bay Technical College, near Cape Town, girls are included as well



Soft soldering is still the preferred method of joining copper in South Africa



Installing a fire hose reel as part of a practical assessment

I was privileged to deliver my SA report to delegates at the WPC conference in Edinburgh. This is the first time a recipient of the award has presented their report at the conference. The conference was a great success with rep's from all over the world, including the large contingent from Australia.

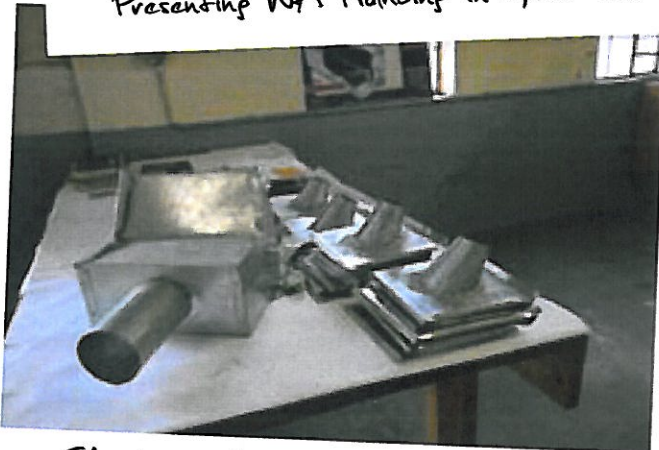
I feel honoured to be awarded the WPC education scholarship The venue of Cape Town was an amazing experience. I would like to thank Murray Thomas CEO, the MPGA executive committee & the MPA Skills Board for their support & encouragement throughout the project. Also, special thanks to Lee Goldie & Chris Burgess from the Institute of Plumbing South Africa & the WPC for their guidance & direction of local information. I look forward to attending the next WPC conference in India in 2013 & to return to Cape Town in 2016, as they have just been awarded the honour of hosting the conference, after strong competition from Melbourne.

Regards,

Bob Goodchild JP BA(Ed) BSc Dip Eng



Presenting WA Plumbing In Good Hands to head plumbing teacher



Sheet metal practical work waiting to be marked



Discussing plumbing matters with President Chris Burgess & Vice President Lee Goldie from IOPSA

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MANUFACTURERS OF CUSTOM PRECAST & CONCRETE PLUMBING PRODUCTS

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Apprentice Plumbers wanted for the North West

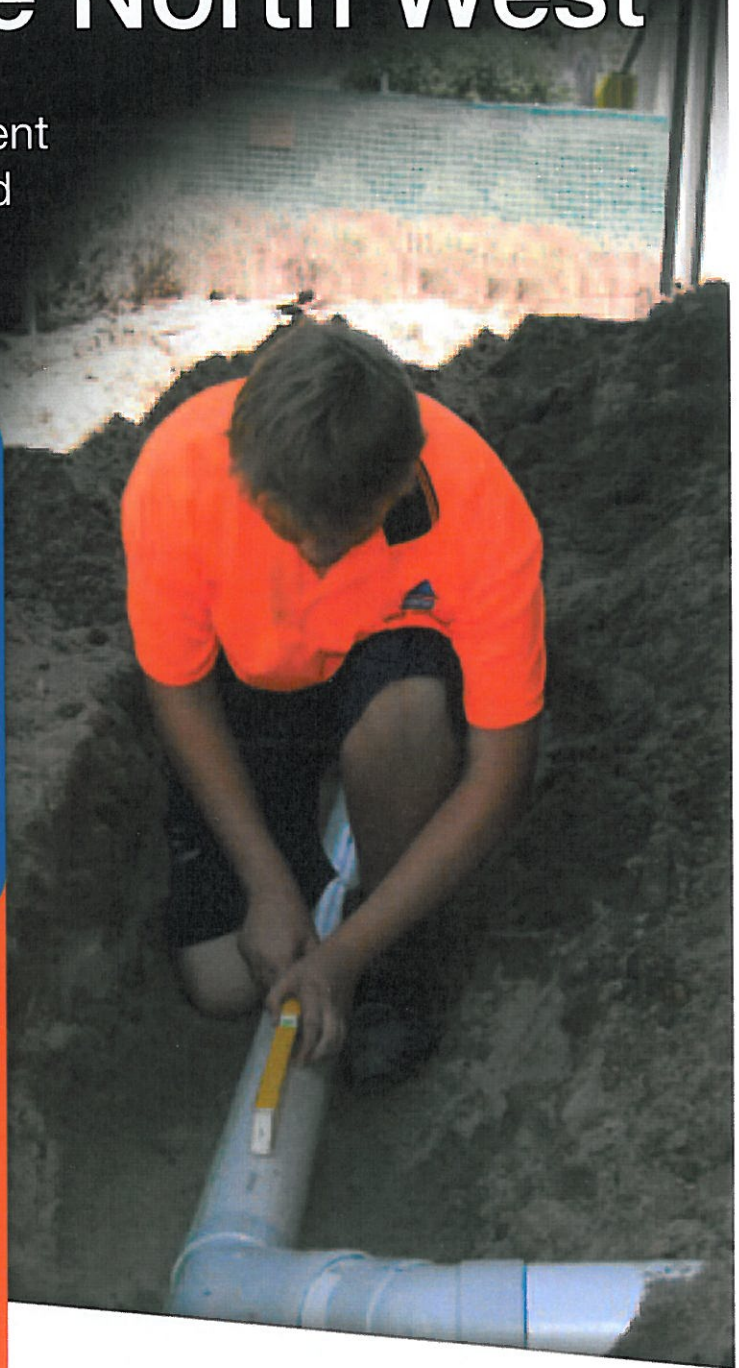
MPA Skills Apprentice Employment is looking to employ 2nd, 3rd and 4th year apprentices to work in the North West region

The positions offer excellent:

- **Wage Rates**
- **Overtime opportunities**
- **Location allowance**
- **Meal allowance**
- **Accommodation allowance**
- **Introduction to the Mining Resource Sector**

MPA Skills Apprentice Employment provides apprentices with:

- **Job security**
- **Confidence through our support structure**
- **Professional support from qualified and experienced assessors**



If you are interested in finding out more, please email your resume to:

mikew@mpaskills.com.au

to receive an invitation to our information evening.



Training & Apprentice Employment
DIVISION OF MPA GROUP



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103 TDI Transporter from \$37,990 Driveaway*



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* Driveaway price for Volkswagen Transporter 103kW 2.0L TDI manual, short wheelbase, standard roof, white. No extra options. Offer is only available on vehicles sold and delivered by 30 June 2011. Only while stocks last and not available in conjunction with any other offer.

We have all the insurance solutions for plumbers and gasfitters

EBM TradesPlusCover is the competitively-priced insurance cover designed specially for you and your business.

Comprehensive cover

Tailored insurance designed specifically to suit your business needs, with options for a package or just the cover you require.

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No more down time or loss of business to competitors when tools or records are lost, stolen or accidentally damaged.

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Enjoy total confidence in an Australian-owned and licensed insurer who carries a Standard & Poors A+ rating.

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Competitive rates for your Motor Vehicle, Worker's Compensation, Property cover and Income Protection insurance and others.

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Secure new business and put your customers' minds at rest with all the documentation you'll need to prove your liability insurance.

Preferred MPA broker

Deal with the insurance brokers preferred by the Master Plumbers and Gasfitters Association (MPA) for over 21 years.

Support your Association

MPA receives 25% of the commission earned by EBM on every TradesPlusCover insurance policy taken by an MPA member.



Call EBM now for an obligation-free quote.

1300 755 112

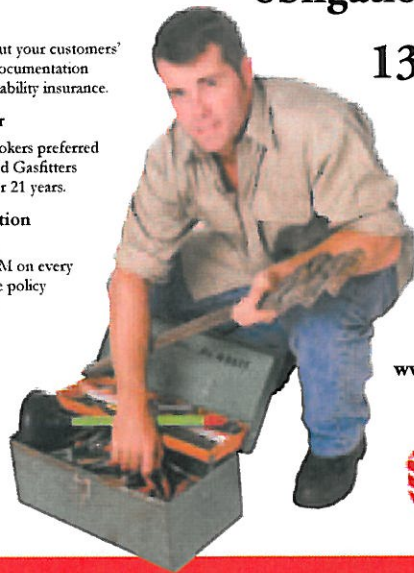
Western Australian Offices

Perth, Bunbury, Geraldton
Kalgoorlie

National Offices

Sydney, Melbourne
Brisbane, Gold Coast

www.tradespluscover.com.au



*This is an indicative pricing for Western Australian based plumbers and gasfitters, based on 1-2 employees and liability cover of \$5 million. These terms may vary due to such things as claims and criminal conviction histories. ABN: 31 009 179 640 AFSL No: 246986

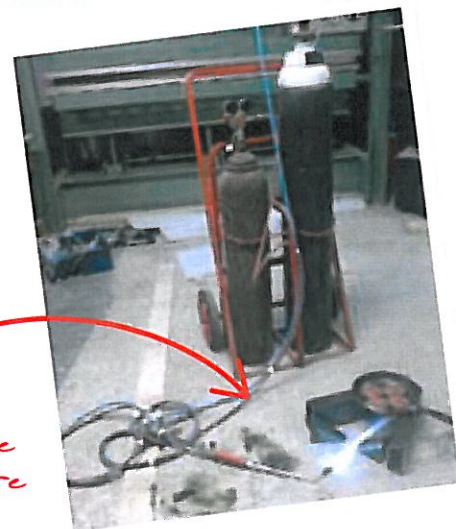
What the?



Plastic bags are not good face protection



Just call a Master Plumber!!!



Why don't you have a smoko while you're at it!!!

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TERMS AND CONDITIONS: Conditions apply see www.rheempromotions.com.au Open to Australian licensed plumbers. Purchase between 6.30am AEST 22/08/11 & 5pm AEDST 31/10/11. Entries must be received by last mail 21/11/11. Max 50 entries per person and/or company, whichever is greater. Retain invoices for all purchases. All draws at 87 Egerton Street, Silverwater NSW 2128 on 30/08/11, 6/09/11, 13/09/11, 20/09/11, 27/09/11, 4/10/11, 11/10/11, 18/10/11, 25/10/11 & 22/11/11 at 2.00pm AEST/AEDST. Major winner publication: The Australian on 13/09/11, 27/09/11, 11/10/11, 25/10/11, 1/11/11 & 30/11/11. Prizes: 10 x \$2000 Red Balloon Gift Voucher (1 per draw) & 100 x \$100 Event Cinema Gift Card (10 per draw). Promoter: Rheem Australia Pty Ltd (ABN 21 098 823 511) 1 Alan Street, Rydalmere, NSW 2116. Telephone (02) 9684 9100. Customer helpline number: 1800 600 046. NSW Permit No. LTPS/11/7249, VIC Permit No. 11/1395, ACT Permit No. TP11/2746, SA Permit No. T11/1410.

Working at heights

Over recent weeks, we have seen a number of serious injuries and a couple of fatalities in WA involving either working at heights or equipment used to elevate personnel or equipment.

Working at heights is one of WorkSafe WA's key priority areas and is one of the (if not, the number 1) highest risk activities that MPA Members will be frequently exposed to.

Due to the recent incidents, it is worthwhile reminding members of the legal obligations when working at heights.

Regulation 3.55 of the WA OSH Regulations details the requirements whenever someone is working from a specific height (either 2 or 3 metres) however, working at height is also defined as where a person can fall from one level to another - NOTE: this definition does not specify any distance in height.

The regulations state that anyone at any workplace that is an employer, the main contractor, a self-employed person or a person having control of the workplace must ensure that edge protection is provided and kept in place whenever there is a risk that a person could fall:

- 2 or more metres from the edge of — a scaffold, fixed stair, landing, suspended slab, formwork or falsework at the workplace

OR;

- 3 or more metres from an edge at the workplace other than an edge referred to above.
- It is further stipulated that the 'edge protection' must have:
 - A top rail — positioned not less than 900 mm and not more than 1100 mm above the working surface and is capable of withstanding a force of 0.55 kN (approx 56Kg) applied to any point

AND;

- Either
 - A mid rail and a toe board; or
 - A toe board and a mesh panel that comprises wire that is not less than 3 mm in diameter and apertures not greater than 75 mm x 50 mm and that fills the space between the top rail and the toe board.

Where edge protection is not erected or not practicable to erect or install, an alternative and still compliant means is a fall injury prevention system. Appropriate harness, lanyard style and attachment point(s) is provided and in operation whenever there is a risk that a person could fall 3 or more metres from an edge at the workplace other than an edge referred to for the 2 metre rule.

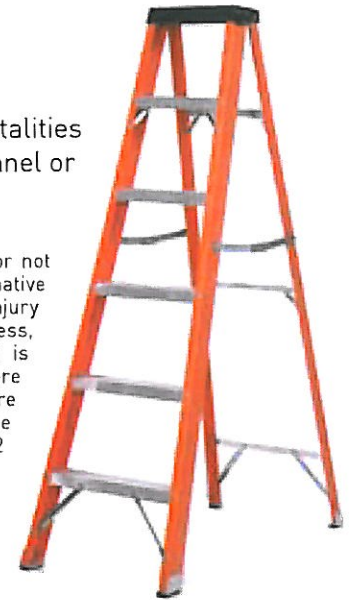
Where a fall prevention system is used in place of edge protection, consideration must be given to the type of harness and lanyard style to be utilised based on a site specific risk assessment to ensure that further hazards are not introduced by the use of such a method.

Additionally, the anchor point must be installed and regularly inspected by a competent person, likewise should harnesses and lanyards.

A risk assessment should always be conducted (and ideally documented) when working from any height to ensure that any site hazards have been adequately identified, assessed and managed.

For any work on a 'construction site' where a worker is required to work over a height of 2 metres, it is a legal requirement to have a site specific Safe Work Method Statement (or JSA) prepared, signed by all involved in the activity and to remain on site for the full time period that the activity is being undertaken.

For more information on working at or from heights or any other OHS inquiry, please do not hesitate to contact Safety Solutions WA via the MPGA.



For any work on a 'construction site' where a worker is required to work over a height of 2 metres, it is a legal requirement to have a site specific Safe Work Method Statement (or JSA) prepared...

Safe Work Australia Week

October is Safe Work Month when a nationwide focus is placed on safety. The Safe Work Australia Week is from 16th until 22nd October.

You can become involved in promoting safety in your workplace / worksite by organizing an activity.

Some examples:

1. Take 10@10

Take 10 minutes at 10.00am (or at your smoko break) in your workplace to talk about safety, eg hazard identification and risk management; basic occupational safety and health responsibilities; new and young workers; slips, trips and falls.

2. Tool Box Talk

Hold a tool box talk with your work team and discuss any OSH

issues / improvements that can be implemented on your worksite/at your workplace.

3. First Aid Training

Arrange basic first aid training for some of your employees.

4. 4 Thought Lunchtime Forum

Attend a lunchtime forum – details on topics and dates are available from the link below.

More information on how to participate in Safe Work Australia Week is available www.commerce.wa.gov.au/WorkSafe

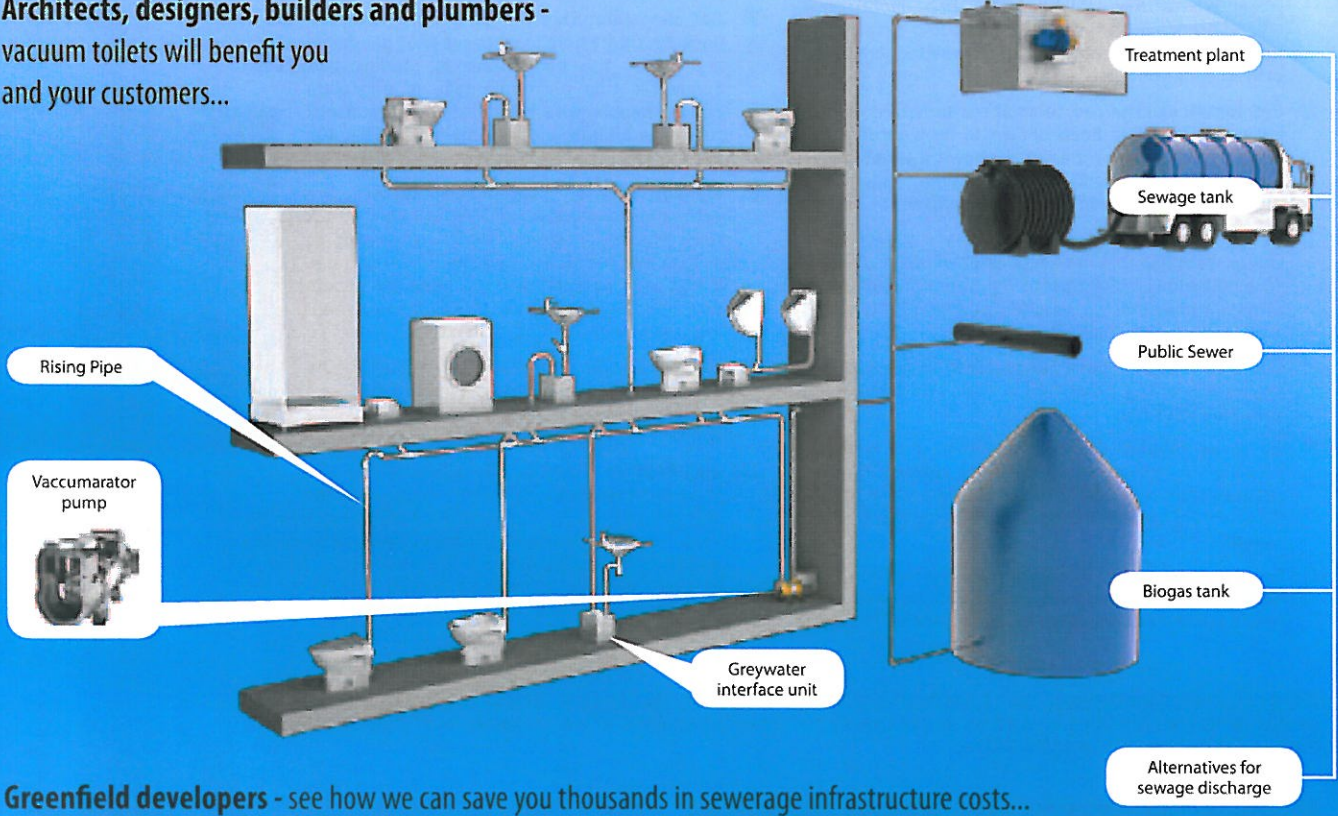
Links to brochures can be accessed from the above website and these can be used in conjunction with your workplace activity.

Remember: Safety is everybody's responsibility



Saving water has never been so easy

Architects, designers, builders and plumbers - vacuum toilets will benefit you and your customers...



Greenfield developers - see how we can save you thousands in sewerage infrastructure costs...



- Reduce water costs dramatically less than 1 litre / flush
- The vacuum extracts odours and bacteria from bathroom
- Freedom to position toilets and bathrooms without gravity limitations
- No water reservoir required
- From a large hospital or multi story building to a single domestic residence, vacuum toilets are the future technology for you



for more information visit www.vacuumtoiletsaustralia.com.au

Ten tips for good heart health

Heart disease remains a major cause of death yet there is much that you can do to prevent it. By this I don't mean just taking tablets for cholesterol at a cost of billions of dollars. Some of the things may look obvious, whilst others may surprise you. Here are ten simple tips on heart health.



DR. JOE KOSTERICH
www.djcm.net.au

- 1) **Follow a Mediterranean diet.** Rates of heart disease are lower in countries around the Mediterranean Ocean where they eat vegetables, fish, garlic, olive oil and drink a little red wine whilst going easy on red meat. You do not have to live in Europe to have these principles in your diet.
- 2) **Eat Tomatoes.** The red color of the tomato is due to lycopene. This has been shown to be a strong anti oxidant and research has also shown it helps lower blood pressure and C-reactive protein, which is a marker for, increased risk of heart disease.
- 3) **Laugh.** The blood vessels in volunteers shown funny videos were found to have relaxation of blood vessels. This helps lower blood pressure. You also cannot be stressed when you are laughing so find stuff to laugh at. It is there if you look.
- 4) **Eat fibre.** It has long been known that fibre is good for the bowel. Eating a diet rich in fiber also helps keep your heart healthy.
- 5) **Do some regular exercise.** Whether it is walking, running or swimming it does not matter. Fitness reduces your chances of heart problems and that is independent of its benefits on maintaining a healthy weight.
- 6) **Get some sunshine.** The importance of vitamin D in health is an expanding field. People with low vitamin D levels are more susceptible to heart disease. The best form of vitamin D is free from the sun. Get around 10 minutes a few days per week-not enough to burn.
- 7) **Eat chocolate.** This will be popular. Polyphenols in dark chocolate help to increase your good cholesterol and lower the bad. Previous studies have even suggested that a small intake of chocolate helped people who have had a heart attack recover a bit quicker. You only need about 40g per day and 70% cocoa is best.
- 8) **Manage Stress.** Psychosocial factors are estimated to account for 30% of heart attack risk. Managing stress better is known to reduce the likelihood of having a heart attack. It has also been shown that even for people who have heart disease, stress management lowers recurrence and increases survival.
- 9) **Take up Tai Chi.** People who do regular Tai Chi have been shown to have lower blood pressure and lower rates of heart disease. The same applies for regular meditation.
- 10) **Stay Positive.** There are no guarantees in life and even if we do all the "right" things, we may still get sick. Even if you have a heart attack, long-term survival and quality of life is improved by simply taking an optimistic view on life. You do not have to be over the top or unrealistic. Simply looking for the positives is correlated with better outcomes.

Heart disease remains a major cause of death yet there is much that you can do to prevent it.

We have come to associating prevention of heart attacks with the need to take tablets. Some people may need medication despite doing the right things. However we can reduce our reliance on tablets and enjoy better heart health by applying the very simple principles outlined above.

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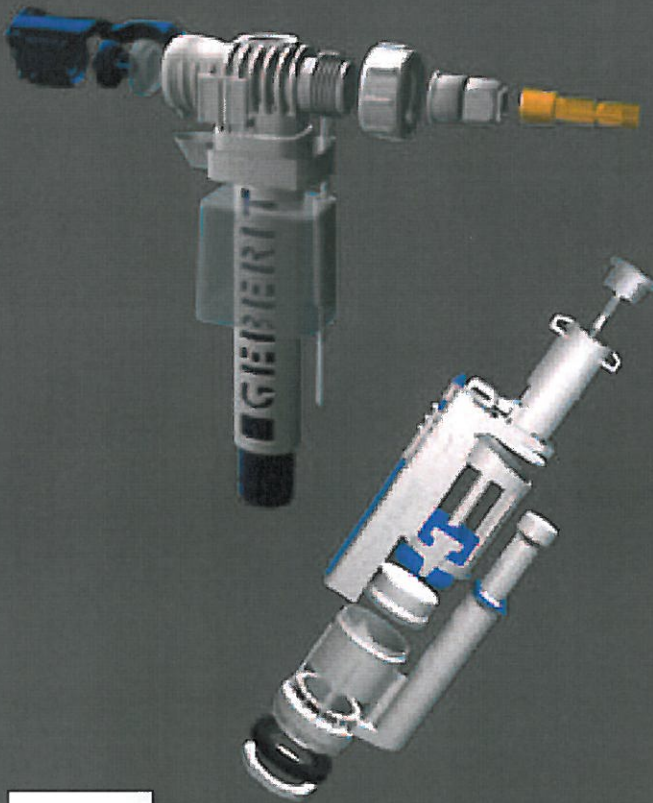
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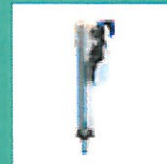
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Question & Answer

Question:

Did you know that all plumbing fittings and materials that come into contact with drinking water fall under an Australian Standard as listed in the AS/NZS 3500.1:2003?

Answer:

AS/NZS 4020 Materials and products in contact with drinking water, rainwater, recycled water, or any combination of these water supplies, shall comply with AS/NZS 4020 and materials and products used in Australia for plumbing and drainage installations shall have been authorised in accordance with the Plumbing Code of Australia Table A2.1 and be certified under the Water Mark scheme www.watermarkstandards.org.au.

HAVE A QUESTION?
 MPGA WA would like to help you find the answer.
 Send your questions to Sarah Forrest:
sarahf@mpawa.asn.au



Question:

What is the minimum water pressure the Water Corporation provides?

Answer:

Standard pressure - Minimum 150KPA to Maximum 1000KPA 15m Head to 100m Head.

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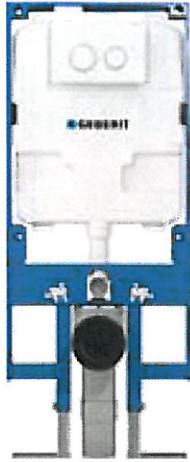
Did you know?



Famous and often controversial rockstar Ozzy Osbourne was a plumber's apprentice before getting into the music industry.

Product News

Sigma Concealed Cistern 75 mm



Geberit has the most extensive product range of inwall cisterns on the market and now introduces the slimmest cistern ever produced. A cistern slim enough to fit between 500 mm studs in a cavity of 75 mm.

You can match a Geberit inwall cistern with any approved manufacturer's pan. Just match the WELS Star rating of the pan and cistern for accurate operation. Find out more about its advantages online or ask for a product flyer. For more information please visit www.geberit.com.au

New Stainless Steel Reel

A new stainless steel high pressure hose reel has been released by Australian Pump Industries. Called the Aussie Hydrotek range, the new reels offer a unique combination of features combining super high pressure, steam capability and resistance to corrosion. Further information is available on the Australian Pump website www.aussiepumps.com.au and from Aussie Pump Distributors throughout Australia.



Hansgrohe iBox



Big anniversary for a small installation miracle a ten-year story of success for the iBox Universal from Hansgrohe. It is flexible, versatile, universal in application, and it facilitates flush-mount installation Properties that have made it the "darling of plumbers" everywhere. And it is celebrating its tenth anniversary! The installation unit iBox universal from mixers and shower specialist Hansgrohe is the result of a veritable success story, which began with the market launch of the multi-functional model in 2001. For further information please view www.bathe.net.au



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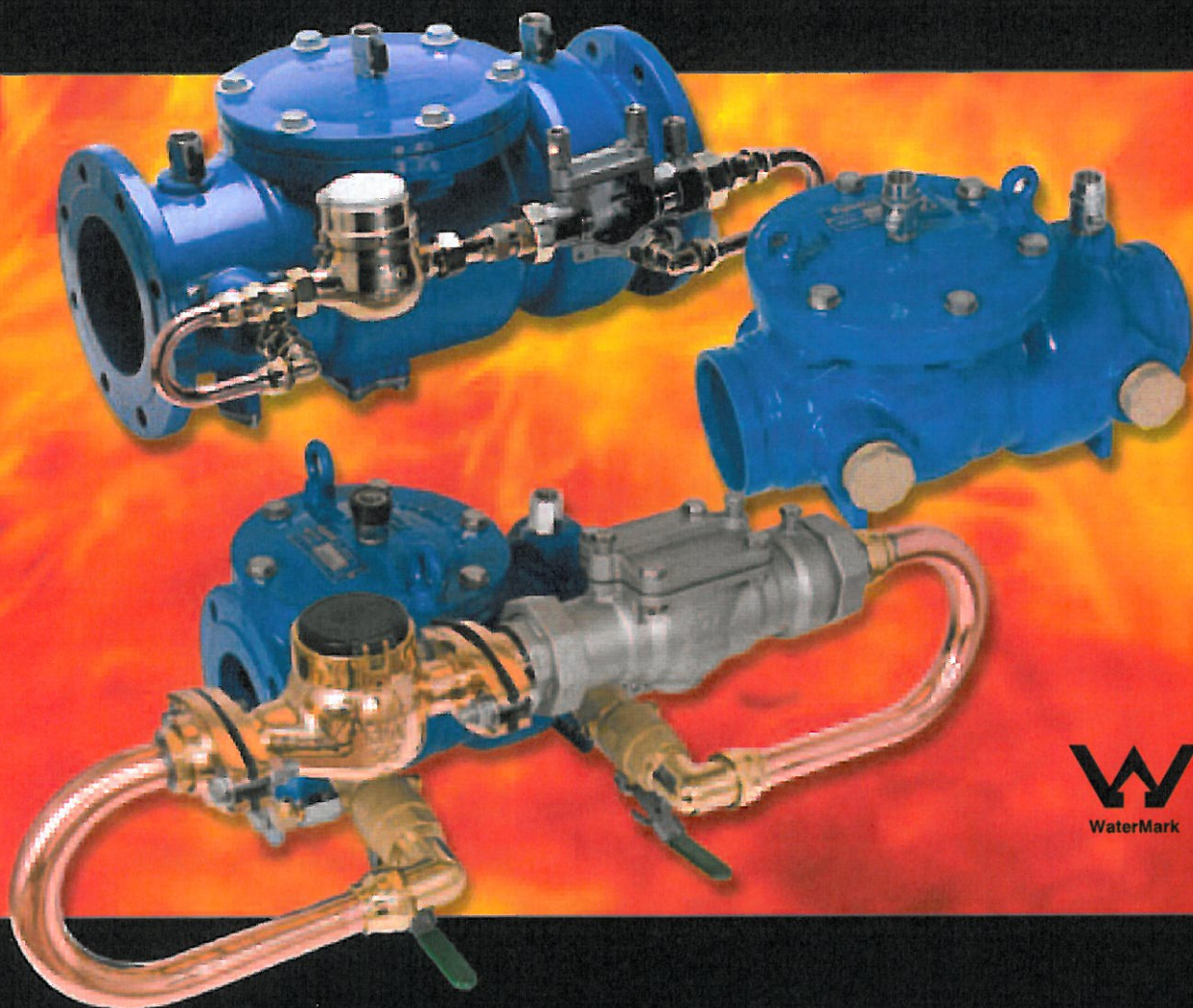
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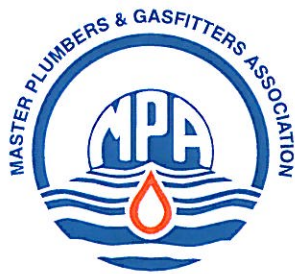
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Another chapter in our 100 year history begins.

MPA Skills is experiencing a big demand for it's Migrant Gap Training Course. This course assists in developing knowledge of new migrants working in the plumbing and gasfitting industry to be conversant with all of the specific Australian requirements for the plumbing and gasfitting trade. The course includes training in OHS Codes of Practice, employment conditions, expectations, the Building and Plumbing Codes of Australia, Australian Standards, Australian safety signage and plumbing and services regulatory requirements.

The pre-requisite for this course is an equivalent overseas qualification to the Certificate III in Plumbing, satisfactory completion of a preliminary skills assessment, and the applicant has successfully applied to the Plumbers Licensing Board and has been issued with a temporary Tradesperson's licence.

Individuals who have the equivalent overseas qualification to the Certificate III in Plumbing can apply to migrate to Australia and work under provisional registration until they complete the Migrant Gap Training Course.

The course duration is 10 days in-house training plus on the job assessment.

To register for this course please contact Linda, Kirsty or Constance in Advanced Training on (08) 9471 6600.

Certificate IV in Plumbing & Services:

We are currently taking expressions of interest for the Certificate IV in Plumbing & Services commencing in November 2011 and in 2012. You may be eligible for some funding assistance.

To register your interest please contact Linda, Kirsty or Constance in Advanced Training on (08) 9471 6600.

Other Courses:

Other courses offered include Operate Elevated Work Platforms, Basic Scaffolding, Working Safely at Heights, Certificate III and Certificate IV in Occupational Safety &

Health, Certificate IV in Front Management, Certificate IV in Project Management, Diploma in Management, Diploma in Project Management and Advanced Diploma in Project Management.

To register for any of the above courses, please contact Linda, Kirsty or Constance in Advanced Training on (08) 9471 6600.

Advanced Training Enrolment Night:

The Advanced Training Enrolment Night is scheduled for Wednesday, 16 November 2011 commencing at 4.00pm. If you would like to register for training in 2012 for the following courses: Plumbing Contractors Licence, Service Type A Gas Appliances, Certificate III in Gasfitting, Certificate IV in Plumbing & Services or the Migrant Gap Training Course attending the Enrolment Night is a must to secure yourself a place.

Apprentice Training - Stage 6 Completion Presentations

On 27 June 2011 MPA Skills' conducted a presentation to Stage 6 apprentices who had successfully completed the off-the-job training component of their apprenticeship.

Bryce Steele from the Master Plumbers & Gasfitters Association of Western Australia presented each apprentice with a Certificate from the Association acknowledging their achievement in successfully completing the off-the-job component of their apprenticeship. David Galvin from Galvins presented each apprentice with a Drill Bit Kit which were very kindly donated by Galvins.

The apprentices will be completing their apprenticeship in 2011.

We hope to see you in at training soon.

Sharren Holt
Manager, Training & QA



SHARREN HOLT
MANAGER TRAINING & QA

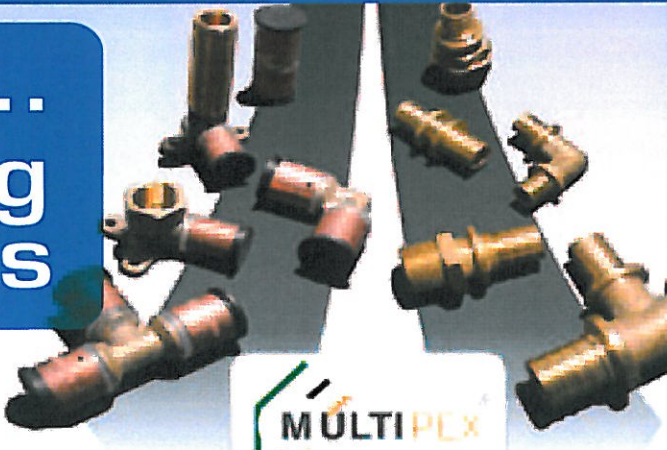


Training & Apprentice Employment
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BRYCE STEELE
Business Development
Manager

Are you ready to go... to the 2011 MPGA Awards for Excellence?

We are counting down the days to the 2011 Awards for Excellence to be held at Burswood on the 19th November. The evening promises to be a fantastic night recognising the best apprentices, the best tradesmen and the best businesses from the plumbing & gasfitting industry in Western Australia.

This year we have seen the highest ever number of nominations for both the Apprentice of the Year and the Awards for Excellence.

This is a night not to be missed with entertainment by chart topping band "The Potbelleez!" They are regulars on the ARIA charts who over the past 3 years have been responsible for music anthems like "Don't Hold Back", "Hello" and "Are You with Me!" in May this year they released their second album "Destination Now". The nights entertainment doesn't stop there, we will also feature one of Australia's funniest men comedian/actor Peter Rowsthorn better known as Brett from Kath & Kim.

This year we have seen the highest ever number of nominations for both the Apprentice of the Year

Competition and the Awards for Excellence.

Tickets will be available to purchase from the 1st October.

Do you advertise ?

We encourage members to use the Master Plumbers & Gasfitters Association of WA logo in all forms of advertising and promotion of their business. The MPGA Logo remains a symbol of integrity, strength, reliability and guarantee of workmanship.

If you would like an electronic version of the MPGA logo to use for your business promotion or stationery contact Membership.

Safety is Everyone's Responsibility

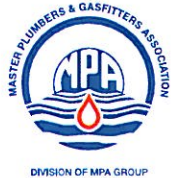
In the lead up to National Safe Work Australia week in October we are reminded of the risks and the impact

that one small mistake can have on you, your family and your colleagues. We all have heard stories of tragedy and near misses, whether you are an employer or employee it is up to all of us to implement change and increase awareness of safety in the workplace.

Safe Work Australia Week is from 16th until 22nd October, during that week the MPGA will be promoting the Safe Work Message to our members. We encourage members to really focus in promoting this message to their staff, there are some simple ways that you can become involved.

More information on how to participate in Safe Work Australia Week is available at:

www.safeworkaustralia.gov.au



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READY TO GO?**

19 November 2011



Government of Western Australia
Department of Commerce
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For further details, contact
Ashlee Phur, Events Manager
ashleep@mpawa.asn.au or 08 9471 6667

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