

## OSHI Conference will be lively, relevant and controversial

## Waterfront culture of safety requires a team effort



**60** years  
1949 - 2009

Celebrating sixty years of OHS professional excellence



WA DIVISION  
[www.siawa.org.au](http://www.siawa.org.au)

# HydroTac keeps a clear eye on safety

**S**afety glasses have long been an essential element of safety on the job but they can be a real problem for workers with less than perfect eyesight who need their glasses to read text or details of plans.

Studies have shown that many workers replace their safety glasses with their eye glasses when examining plans, leaving them vulnerable at that point to eye injury.

Now an innovative new product from OPTX Australasia has been released that offers a practical and very clever solution.

HydroTac lenses are reusable stick-on magnifying lenses that adhere to the inside of existing safety glasses with water. Being inside the safety glasses they don't get dirty or scratched. They're easy to install and move, come in a range of magnifications and can be trimmed for custom applications without altering their magnification.



## Interesting facts about eyes...

**Although your eyes stop growing during early teenage years, the lenses in your eyes continue to grow and keep producing more cells each year.**

Over time, continued growth causes the lens to harden, lose elasticity and some focusing ability.

The result is known as Presbyopia, a naturally occurring eye condition that causes many people after the age of 40 to suffer from blurred vision and headaches when straining to read small print.

Presbyopia is a condition usually noticed between the ages of 40-50,

though in fact the ability to focus declines throughout life, from an accommodation of about 20 dioptres (ability to focus at 50 mm away) in a young person to 10 dioptres at 25 and leveling off at 0.5 to 1 dioptres at age 60 (ability to focus down to 1-2 metres only).

For those with good distance vision, it may start with difficulty reading fine print, particularly if the lighting is poor, or with eyestrain when reading for long periods.

Many advanced presbyopes complain that their arms have become "too short" to hold reading material at a comfortable distance.

Presbyopia, like other focus defects, becomes less noticeable in bright sunlight due to the iris closing to a pinhole, so that depth of focus, regardless of actual ability to focus, is greatly enhanced, as in a pinhole camera which produces images without any lens at all.

A delayed onset of seeking correction for Presbyopia has been found among those with certain professions such as farmers and housewives whereas service workers using computers and doing lots of reading and construction workers seek eyesight correction earlier. ■