


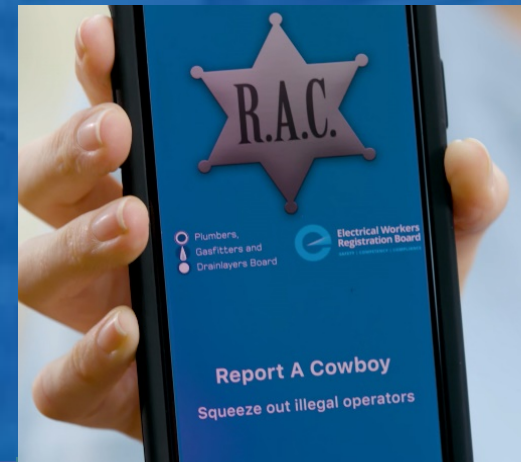


2019

WPC MELBOURNE - SEPT

-  Plumbers,
-  Gasfitters and
-  Drainlayers Board





Introduction

The 3 key concerns of regulators


- Ensuring plumbers are properly trained
- The workforce skills remain current
- Discouraging those who are not trained from doing the work



Introduction



The regulatory landscape is changing

- New products
 - Technology
 - Climate change
 - Worldwide construction boom
 - Shortage of skilled labour
 - Migration
- 



Introduction



The challenge – adapting to changes

- What is happening in New Zealand
- How is the rest of the world meeting the challenges?



Skills shortage

World wide skills shortage

- **India** - need to grow their plumbing workforce by over 1m 2008-2022
- **USA** - need for plumbers, pipefitters and steamfitters projected to grow 16% 2016-2024



Skills shortage

World wide skills shortage

UK - warning that skills shortages, including plumbers, will hamper housing delivery

New Zealand - demand for plumbers forecast to grow by 15%, 2016-2022. Greatest pressure in Auckland-forecast demand 32%



Addressing shortage

Re-engaging young people back to trades

- Accelerated apprenticeships
- 5 years becomes 3
- Draws in NSW model



Addressing shortage

Education and training

- Exams delivered electronically
- Available 52 weeks of the year
- Level 5 qualification to be delivered electronically



Addressing shortage

Assisting those with learning difficulties

- Journeyman licence for those who cannot pass their exam
- Exam assistance and oral competency testing



Addressing shortage

Encouraging diversity in the trades

- Encouraging more woman to join the trades. 2% currently female, 4 woman on our Board
 - Supporting ethnic diversity
 - Auckland-23% Asian, 35% by 2038. Only 3% of apprentices Asian
- 



Addressing shortage

Overseas migrants


- Assessment of overseas qualifications
- Gap training
- Provisional licence while they train



Competency




Initiatives for maintaining competency

- Annual CPD requirement to retain licence
 - CPD focused on identified needs
 - CPD completed in person or online
 - Register and licence on mobile – access to standards
 - Help desk and Chatbot available 24/7
- 



Unauthorised work

Initiatives

- Report a cowboy (R.A.C) app
 - Industry and consumer responsive
 - Intelligence gathering device
 - Allows targeted operations
 - Used by electrical and building industry
- 




Consumer education

- Sort the Pros from the Cons campaign
- Total audience of over 15m
- 90% increase in public register searches
- 9 out of 10 New Zealanders say they know of the need to use a licensed plumber

The header features a dark blue background with three white circular icons on the left: a top circle, a middle circle containing a flame, and a bottom circle. The word "Summary" is written in large white font. The background is composed of several panels: a blue panel with a water ripple effect, a teal panel with a blurred "NZ PRACTISING LICENCE" sign, and a light blue panel with a smiling construction worker in a hard hat and safety vest giving a thumbs up.

Summary

- New challenges
 - Key focus remains the same
 - Courage required to find innovative solutions
 - Essential to share them
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- A solid dark blue horizontal bar at the bottom of the slide.