

The logo for TAFE SA, featuring the text "tafeSA" in a white, lowercase, sans-serif font. Above the letters "a" and "e" are three white circles of varying sizes, arranged in a slightly curved line.

Government of
South Australia

Hydrogen

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tafesa.edu.au

RTO: 41026 | CRICOS: 00092B | IHE: PRV14002

ACKNOWLEDGEMENT OF COUNTRY

TAFE SA acknowledges the Aboriginal and Torres Strait Islander peoples of this nation. We acknowledge the Traditional Custodians of the lands on which we conduct our business. We pay our respects to Ancestors and Elders, past, present and emerging.

TAFE SA is committed to honouring Aboriginal and Torres Strait Islander peoples' unique cultural and spiritual relationships to the land, waters and seas and their rich contribution to society



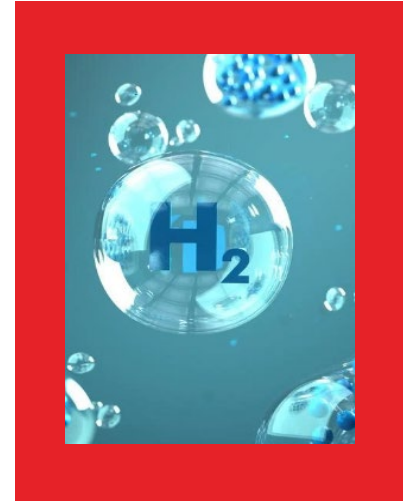
Hydrogen

- The renewable energy sector offers a key example of how national collaboration can work across TAFE/s.
- With Australia and its states and territories committed to addressing climate change targets over the ensuing future there are a host of renewable energy sources, resources and technologies being considered, one of which is Hydrogen.
- There are limited nationally recognised qualifications, skill sets, short courses and/or micro-credentials for this emerging technology across multiple industries.
- TAFE institutions across Australia have been working to address the need for an agile, national approach to filling the training void with a view towards a shared suite of training options and associated resources.



Key Findings

- The majority of Industry Leaders are hydrogen self taught
- There is little to no existing hydrogen training available across all sectors
- Industry is relying on manufacturers' guidance for training and knowledge
- The following job roles are reported to be most impacted by hydrogen related changes:
 - Gas industry workers
 - Electrical workers
 - Plumber Gas fitters
 - Construction workers
 - Mechanics



VIDEO LINKS - Hydrogen Fundamentals Micro-credential

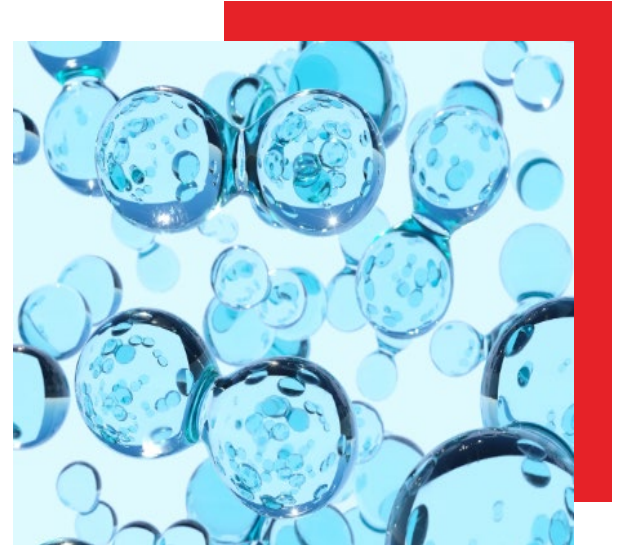
Please see TAFE SA YouTube Video:

<https://youtu.be/sO96LfHJSj>

Here is the Link to 'Hydrogen Fundamentals' Course on TAFE SA Website:

[Hydrogen Fundamentals - TAFE SA](#)

- This micro-credential delivers fundamental knowledge of hydrogen and the Australian hydrogen energy sector.
- The course has been designed by industry to provide individuals and businesses with an understanding of the opportunities and challenges with hydrogen, safety aspects of hydrogen and the job opportunities in this growing sector.



Recommendations

- To have a national approach to developing solutions for emerging national workforce skills needed across all sectors, including the hydrogen industry.
- Collaboration with industry to identify technical skill gaps for trades and gas related workers to inform National training packages and future skills development
- To have developing mechanisms to allow the of sharing or co-development of resources, communities of practice, and creating common documentation.



Thank you!

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