

Electrician



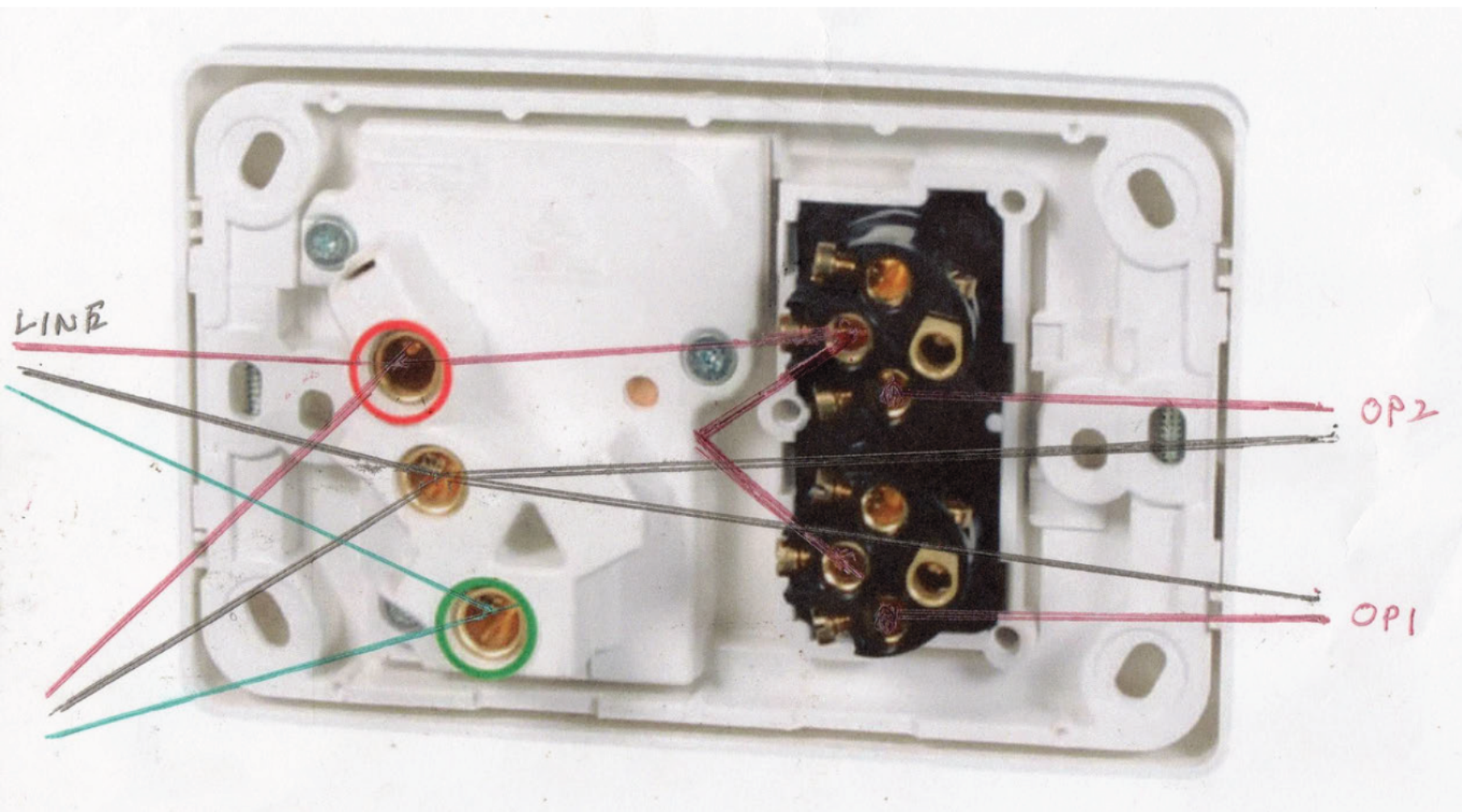
Overview

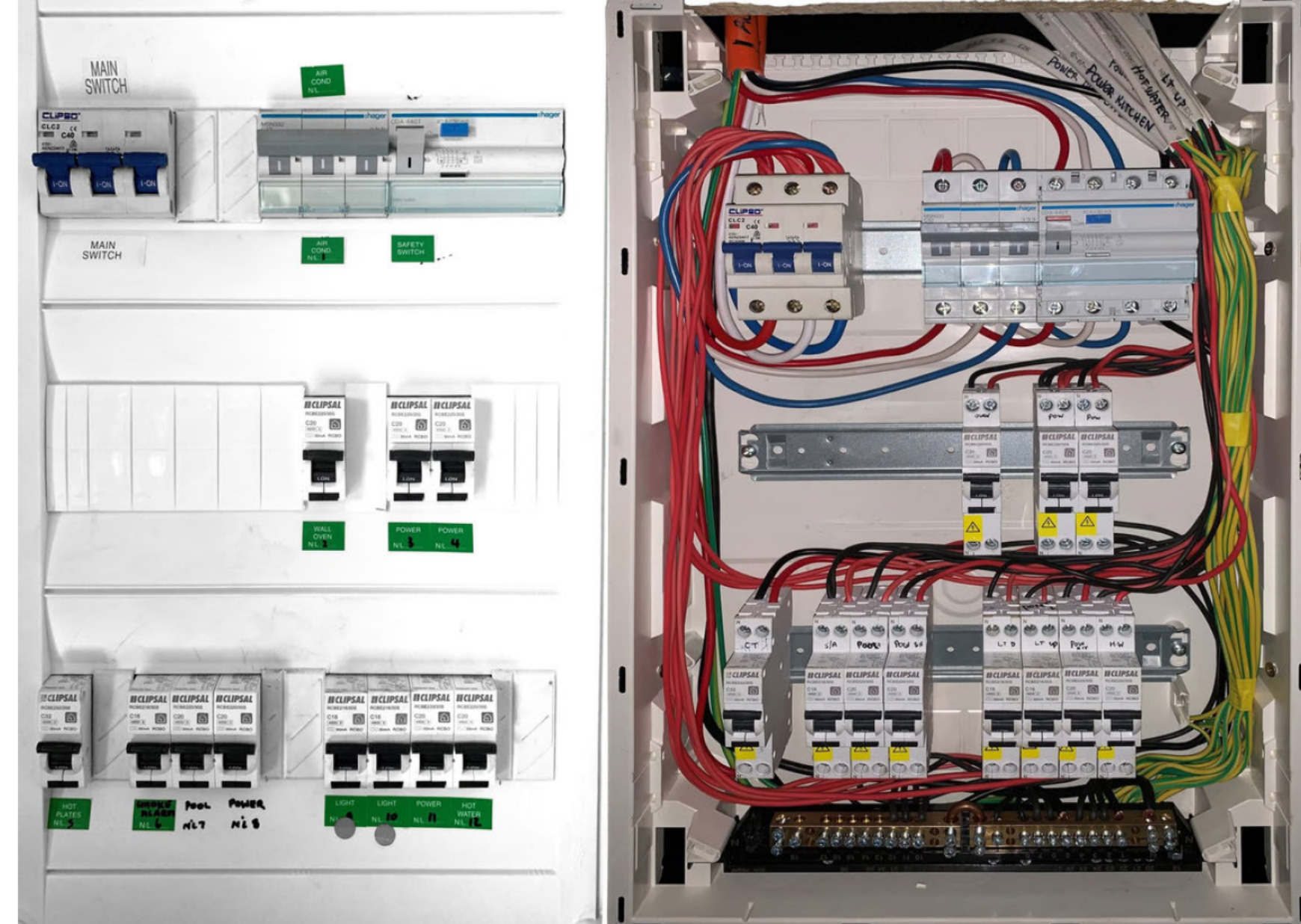
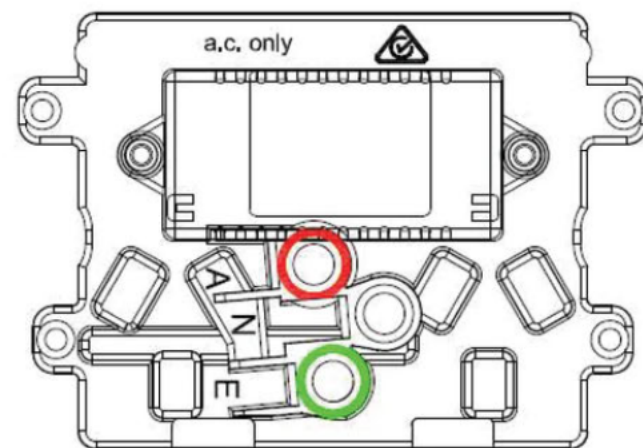
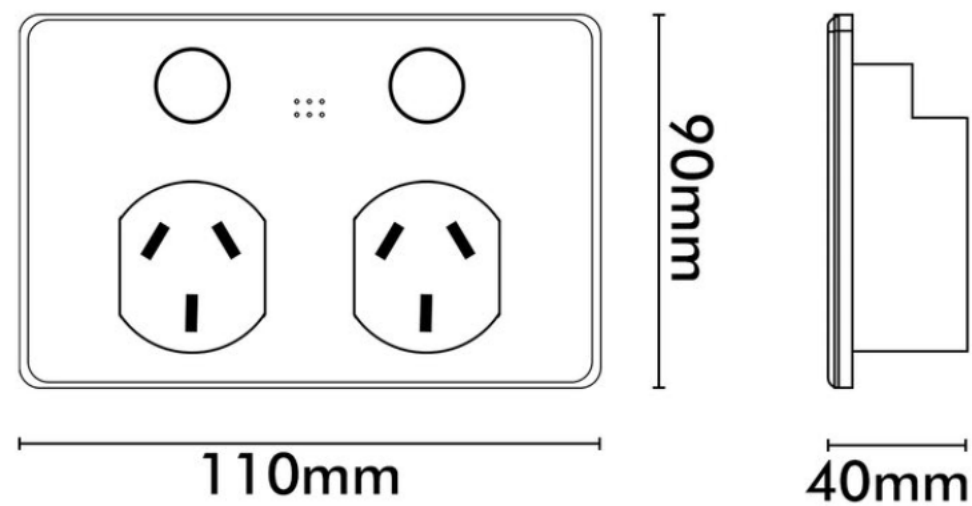
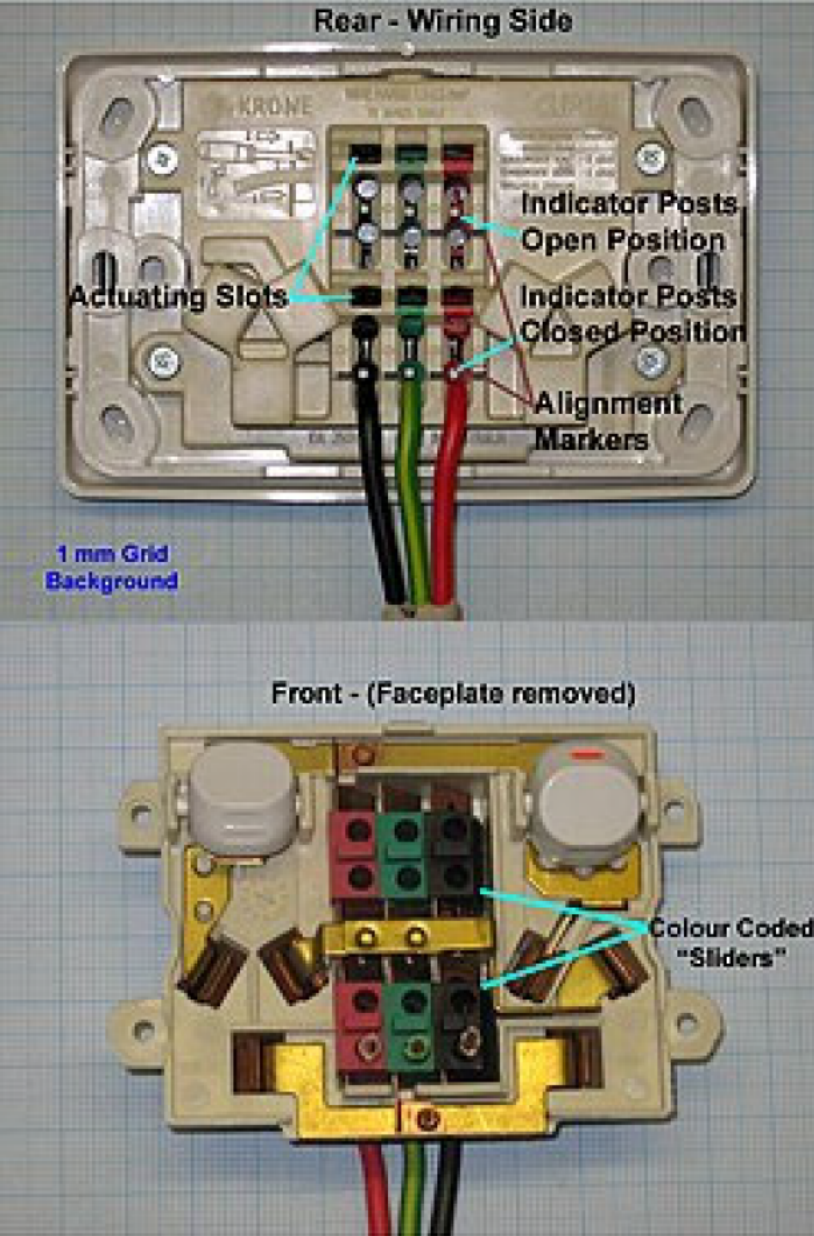
History of Electricians

Electricians evolved from 18th-century scientists experimenting with static electricity into skilled technicians following the late-19th-century rise of electrical power. Early work (1890s–1910s) involved dangerous knob-and-tube wiring, which transitioned to safer, armored cables and conduit by the 1940s.

Role of an electrician today

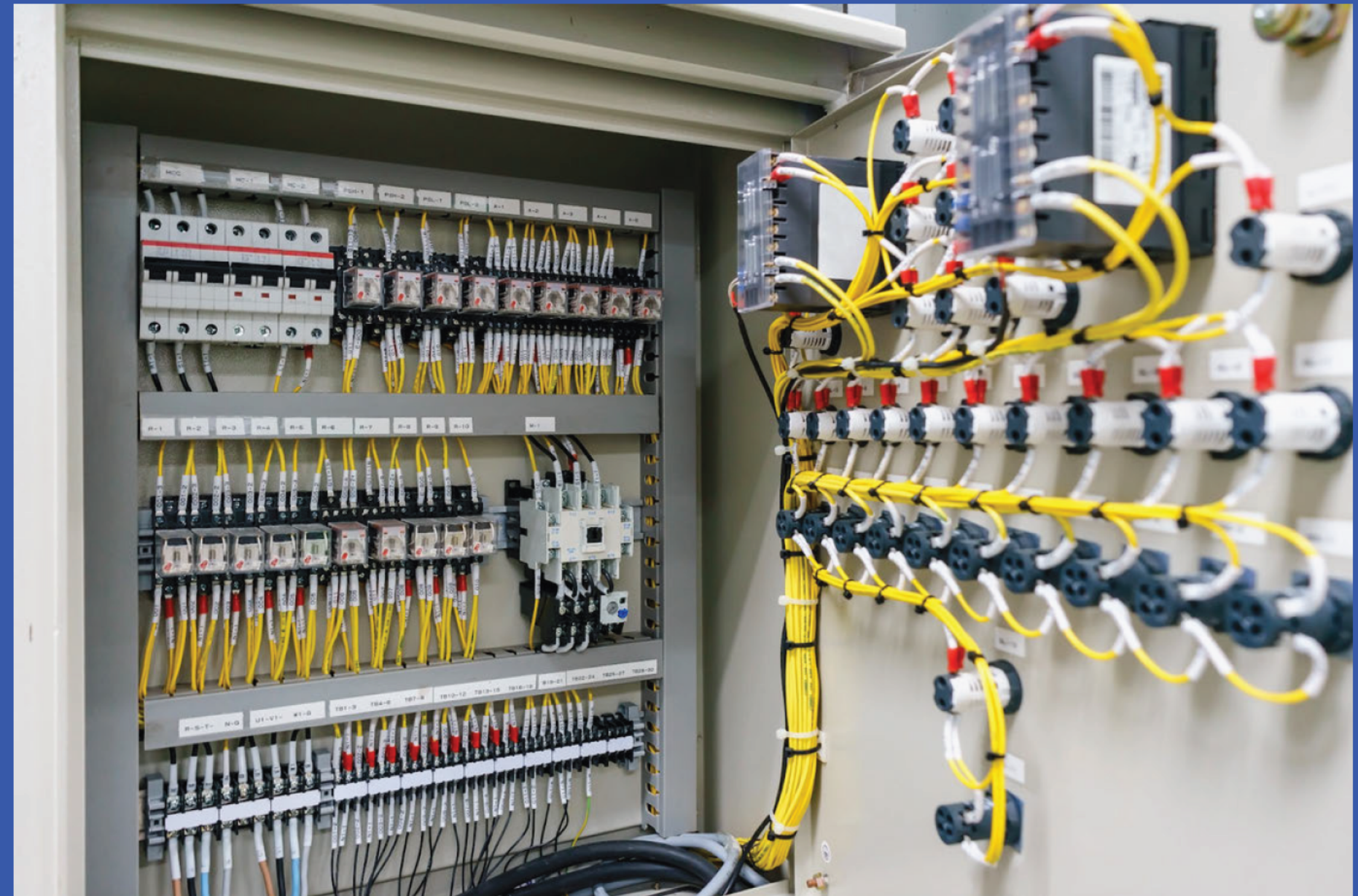
The role of an electrician today has evolved far beyond traditional wiring to become a highly technical, specialized profession essential to the modern, energy-conscious, and digitized world. While the core responsibility remains the installation, maintenance, and repair of electrical systems, today's electricians are crucial for integrating smart technology, supporting renewable energy, and ensuring compliance with stringent safety standards.





Skills that an electrician needs

- Numeracy
- Teamwork
- Writing
- Reading
- Learning
- Problem solving
- Oral communication
- Planning and organising
- Initiative and innovation



Pathway to becoming an electrician

**High school
until Grade 10
or 16 years old
(minimum)**



Certificate III in Electrotechnology Electrician (UEE30820)

To become an electrician I must do a Certificate III which is a four year apprenticeship. This will involve installing and repairing electrical systems. I could study this at TAFE SA. It would cost around \$4000.



Unrestricted, Unsupervised Electrical Workers Registration in South Australia

After the Certificate III, I would be eligible to apply for an Electrical Workers Registration through Consumer and Business Services. I would also need to supply a National Police Certificate. This licence would allow me to work as an independent electrician.

Figure of aspiration

EIF interview

  sa.edu.au>
to  ▼
Hi 

I hope you are well.

I am doing an EIF assignment about becoming an electrician, and I was wondering if you could answer some questions about the trade/technology field?

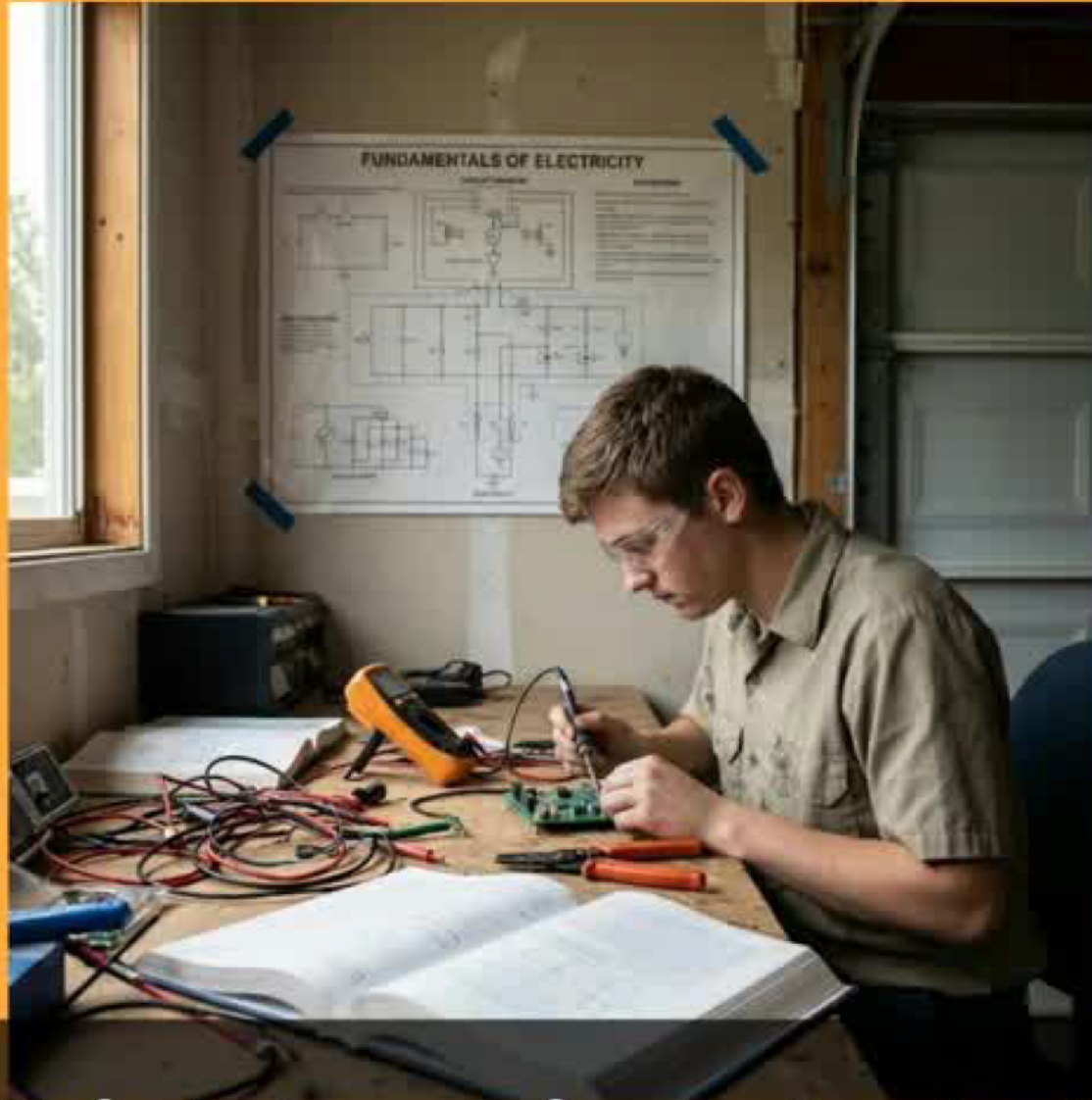
Here are the questions:

1. Do you think that learning/doing VEX Robotics is useful for someone who wants to be an electrician? Why?
2. Are there any particular skills or personality traits that help people to succeed in the trades or technology fields?
3. How can working in the trades or technology fields allow someone to fulfil their personal values?
4. Is there anything else you think I should know?

Thanks in advance,



EIF Interview



Do you think learning slash doing fax

Connections to my identity

As an electrician, you need to be able to talk with other people, such as other tradies and clients. I think this aligns with my strengths because I love to talk and share about my interests.

Electricians also need to be helpful because they are on the job to fix people's electrical problems in their homes or buildings. This suits me because I am a very helpful person.