

SHAPE YOUR FUTURE

INNOVATE OUR WORLD

MEET ANDREW

BACHELOR OF CHEMICAL AND
METALLURGICAL ENGINEERING,
UNIVERSITY OF QUEENSLAND

AGE: 30 TITLE: Senior Refinery Process Engineer
COMPANY & LOCATION: Glencore Copper
Refineries Limited, Townsville, QLD

**“Study subjects that will give you options
at university ... study maths and a science
and see where it takes you.” – Andrew**



What interested you in studying to become a senior refinery process engineer?

Being able to apply chemistry and mathematics concepts in the real world. Engineering is about problem solving and that appealed to me.

What do you enjoy most about working in this industry?

Working with large pieces of equipment and working in teams with people from different specialisations. The opportunity to travel.

What does your average workday look like?

Checking what night shift did, looking at

their comments and following up on any issues they've had. Checking yesterday's production figures and comparing it against expectations. A morning pre-start meeting to discuss safety for the day. A morning metallurgy meeting to discuss the team's workload for the day. A production meeting to escalate any issues across multiple departments. Project work to improve plant efficiency, production and enhance safety.

How has this career of choice given you great work/life balance?

Being able to have a 15 minute commute to work, work 40 hours a

week and come home every day. Technology has meant I can work remotely if required and do not physically need to be onsite for every single issue.

When I'm not at work, my interests and hobbies are... Travelling, yoga, pilates, **and my spare time is spent...** playing with my dog.

How do you feel your role in minerals and energy is shaping our future?

Copper will be required for electric vehicles, wind turbines, next-gen batteries and energy transmission networks. We are also focussing more on recycling electronic waste to

recover gold, silver and copper rather than conventional mining.

What is a piece of advice you'd give to a school leaver looking to study for a career in minerals and energy?

Study subjects that will give you options at university. You do not have to decide what you want to do after university at high school, study maths and a science and see where it takes you. Also you do not need a university degree to work in the minerals and energy sector, there are plenty of trade and operating roles that earn the same salary and you get to work with your hands.