



KIRSTEN SMITH

GRADUATE CHEMICAL ENGINEER

Professional Experience

ABC Company | Chemical Plant Junior Field Technician
(Contract)

October 2022 – Present

Key responsibilities:

- Audit the process to validate that all work is compliant with required specifications, regulatory requirements, quality of work, and safety standards.
- Ensure all day-to-day activities such as sampling and process control activities are completed as required, either by completing the tasks myself or delegating to other technicians.
- Identify improvement opportunities in order to drive continuous improvement in all aspects of facilities operations in terms of cost, performance, and efficiency.
- Diagnose poor equipment performance and coordinate preventive and routine maintenance; overhaul and modification of building and production equipment; emergency repair of buildings, equipment, and utility systems.
- Actively participate in non-routine duties and responsibilities for the department as required.

XYZ Mining Company | Junior Chemical Engineer (Internship)

March 2022 – June 2022

Key responsibilities:

- Acted as support for engineering staff as required, including assisting in updating P&IDs, plant safety walkthroughs, preparation of monthly production charts.
- Inspected production quality daily, quarantined off-spec product and identified opportunities for improvement.
- Approved and certified on-spec product to proceed to packing.
- Actively participated in training courses and online lessons as assigned, including failure mode analysis (FMEA) training, basic SAP functions and Hazard Identification training.

Small Family Business | Food Stall Manager (Part-Time)

2020 – 2022

Activities & Awards

Honours & Awards

- Dean List Award Semester 4, 6 & 7 (CCU, 2019–2021)
- Sport Award (2019)

Projects

- Chemical Separation of Effluent for Recycling – Final Year Project, CCU 2022
- Product Design & Development project – Diploma Final Year Project (CCC, 2017)

Certificates & Licenses

- Senior First Aid Certificate 2020
- MATLAB Fundamentals Certificate – 2021
- National Driving License (Car)

My Contact

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Hard Skill

- Sampling
- Maintenance Scheduling
- Microsoft Office
- Basic AutoCAD
- Basic MATLAB
- FMEA

Soft Skill

- Strong Communication Skills
- Decision making
- Leadership
- Multi-tasking

Languages

Arabic ● ● ● ● ●

English ● ● ● ○ ○

Spanish ● ○ ○ ○ ○

Interests

Swimming
Cooking
Traveling
Archery