



Chemical Engineer

Gilmour Space Technologies is a Queensland-based launch provider with a vision of providing low-cost access to space, and to enable human spaceflight and exploration. This role is based in Pimpama, a suburb situated half way between Brisbane and the Gold Coast.

We are currently seeking a Chemical Engineer to join our propulsion team. The position will evaluate chemicals and materials in our rocket fuel oxidizer and catalyst systems. The position will research and develop new potential fuels, catalyst systems and a concentration system for hydrogen peroxide.

In your role you will: -

- Report to the Head of Propulsion
- Understand and apply job practices, techniques, standards, principles, theories and concepts.
- Perform material compatibility testing with hydrogen peroxide, building and maintaining database of materials.
- Develop cleanliness and passivation procedures for different materials that will see contact with hydrogen peroxide.
- Assist in safety analysis of Ground Support and rocket propulsion systems using hydrogen peroxide and other fluids
- Organize and run safety courses dealing with handling of hydrogen peroxide
- Work and develop soft and hard thermal insulation materials
- Work on adhesive bonding technology and performing bonding tests of different materials
- Assist in general as a chemical expert on various problems that may surface on any chemical aspect.

The following are pre-requisites for this role: -

- A minimum 5 years work experience
- Bachelor Degree in Chemical Engineering or Chemistry
- Exceptional written and verbal communication skills

If you are a proactive team player with a can-do attitude and passion for or experience in the aerospace industry please apply now by emailing your resume and cover letter to julie@gilmour.spacecorp.com.

Gilmour Space Technologies is proud to be an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all team members.