



2023

Capabilities Statement

Combustion & Chemical
Engineering

In everything we do, we strive to consider the circumstances of the plant operators, purchasing officers and people on the ground.



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ABOUT US

Combustion & Chemical Engineering has been supplying consumables to the resources sector since 1959. From the 'bad old days' of supplying such products as asbestos to the sugar industry, through to the latest in furnace room protective clothing for heavy industries through to crucibles, bullion moulds and the like to the gold industry.

Proprietor – John Byrne

Our catalogue and all other information is at www.candce.com.au



CORE COMPETANCIES

- Design of proprietary and site-specific filtration systems for all applications from tearoom water heaters to heavy industry waste filters and brewing.
- Supply of consumables to ensure the repeated efficiency of the systems.
- Design of gold bullion moulds for the specific gravity and ratio of gold and silver in the molten pour.
- Supply of consumables to ensure consistency of gold bullion.
- General supply of consumables to heavy industry especially the mining and resource industries.



PRODUCTS & SERVICES



- Filtration system design including water, waste and gas systems and supply of consumables.
- Gold room supplies including crucibles, Insulation, proprietary designed bullion moulds, gold recovery equipment, aluminised furnaceman's PPE, steel wool rolls
- High temperature mortars and cements for various industry furnaces
- Chemical splashproof clothing,
- Gloves for protection from heat and chemicals and for welding and general purposes.
- Arc Flash clothing
- Poly sheeting and insulation construction products



PROJECT INVOLVEMENT

Involvement at the design and construction phase through to long term operational partnerships.

Regular supplier to mines in all Australian states, PNG, Indonesia and Tanzania.



MANAGEMENT PROFILE

Our business has run since 1959 from the days of asbestos to today's latest supply chain technologies and internet-based orders. We easily mould into your purchasing and supply systems to make your processes and personal efforts easy.

We are based in Townsville, therefore reducing your freight costs and time and we understand the tyranny of distance and the nature of FIFO and mining projects.

Proprietor John Byrne has also had a long career as a commercial lawyer. Nowhere else in your supply chain will you have the bonus of legal knowledge and risk management advice than at Combustion & Chemical Engineering!





HOW & WHY



In everything we do, we strive to consider the circumstances of the plant operators, purchasing officers and people on the ground.

We are the big city friend of the remote worker.

We supply specialist consumables to the mining and resource industries.

We make it easier for you!

OUR CUSTOMERS



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