



# BURWELL

## EXPERIENCE AND LEADERSHIP

Burwell Technologies is a leader in providing value-added services to the surface preparation industry by creating a successful partnership with our customers throughout the manufacturing, design and sales process. Our pledge is to establish lasting relationships with our customers by exceeding their expectations and gaining their trust through exceptional performance by every member of the Burwell team.

Burwell has carefully invested in its people and equipment to ensure it has the capacity to deliver on all projects and is proud to have **ISO 9001 certification**. Our team of dedicated staff, lead by management, are committed to continuous improvements to our processes and products, which ensure this certification is sustained.



Established in 1969, Burwell has stayed true to its original philosophy of delivering premium grade equipment engineered to improve productivity and reduce costs.

As a result, Burwell products have earned a reputation for their innovative design, exceptional quality and value for money.

Burwell has maintained their lead in a competitive market by constantly evolving with technology. Many of the techniques and processes that are in common use in the industry today were pioneered by Burwell.

Burwell uses the most advanced design and manufacturing techniques available allowing them to optimise product performance and custom design equipment to their customer's specific needs. From Abrasive Blasting Facilities to Dust Extraction Units, we can design a system to suit you.

A comprehensive distribution network and personal approach ensures superior customer service and support nationwide. Burwell has branches in Sydney, Melbourne, Brisbane, Adelaide, Perth, Darwin, Newcastle, Wollongong, Townsville and Mackay as well as distribution deals with other national suppliers.

### DIRECTORS

**Geoffrey Williams**  
Managing Director

**Damian Williams**  
Sales & Marketing Director

**Garry McClenahan**  
Finance & Administration Director

### MANAGEMENT

**Brett Power**  
National Projects Manager

**Simon McKenzie**  
National Sales Manager

**Martin Quinn**  
Branch Manager (Brisbane/Mackay)





# BURWELL PRODUCTS



## AIR BLAST MACHINES

Rugged, reliable, proven; Burwell machines are built tough to survive the real world. Fully approved to AS1210 rated for 150 PSI.



## COATINGS APPLICATION

With a full range of conventional and airless spraying equipment, Burwell has the expertise and equipment for any project.



## AIR COMPRESSORS

Burwell offers a wide range of air compressor options to suit any application from small to large.



## AIR BLAST CABINETS

The industry leader designed for superior air filtration and efficiency. Custom designs are our specialty.



## PLURAL SYSTEMS

Precise ratio assurance in a fully configurable system which allows downloadable historical spraying data.



## WETBLAST FLEX SYSTEM

Engineered to provide high-performance blasting with maximum dust suppression.



## ENCLOSED BLAST FACILITIES

With a reputation synonymous with quality and 45 years experience. Burwell Blast Rooms are the clear industry leaders.



## SERVICE DIVISION

Achieve your optimum productivity with the Burwell Technologies Service Division.



## RENTAL

An extensive range of equipment available for long and short term rental.



## VACUUM RECOVERY UNITS

High efficiency roots blower vacuum systems - no job too big or too small!



## ROBOTIC SOLUTIONS

One robot - endless applications. Blast anything, anywhere!



## DECONTAMINATION UNITS

Decontamination units in varying sizes available for purchase and hire.



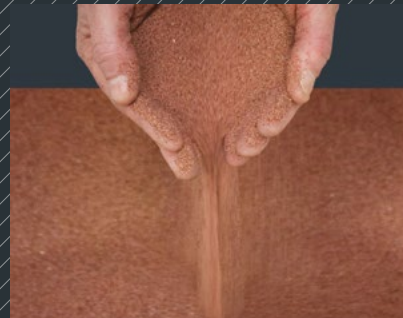
### OPERATOR SAFETY

Burwell offers a wide range of air compressor options to suit any application from small to large.



### AIR DRYERS AND FILTERS

A comprehensive range of air dryers and filters to ensure any blasting application remains efficient and moisture free.



### ABRASIVES

Burwell carries a large range of high quality abrasives to suit all applications.



### INSPECTION EQUIPMENT

Burwell carries an extensive range of inspection equipment including all the leading brands.



### DUST COLLECTORS

Custom designed for your application, versatile configuration to suit individual requirements. Renowned for their high efficiency and durability.



### SAFETY LIGHTING

A complete range of lighting products including LED blast lights and explosion proof lighting for Zone 1 applications.



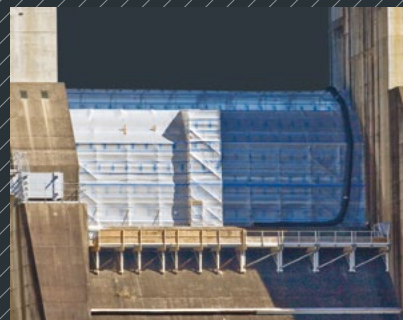
### SPECIALTY TOOLS

Spanning across many different product categories Burwell stocks a vast range of specialty tools.



### UHP WATER BLASTING

A variety of water blasting equipment ranging from general pressure washers through to ultra high pressure units, accessories and spare parts.



### CONTAINMENT SCREEN

A choice of containment products including heat shrink material and standard containment in various weights and sizes. Accessories also available.



### PARTS AND ACCESSORIES

To ensure all Burwell products are adequately supported Burwell carries a comprehensive range of parts and accessories.



### RECYCLING SYSTEMS

Burwell specialises in an extensive range of high efficiency abrasive recycling systems for both on-site and fixed installation applications.



### NORTECH VACUUM UNITS

Air powered, high productivity vacuums with no electric motors offer safety, durability and deliver the same high level of performance as larger units.



# KEY PROJECTS

## CUSTOM BUILT FACILITIES

At Burwell, custom design is our specialty. Our industry knowledge and experience will ensure the most advanced blast room design, individually tailored to meet your requirements both now and for the future growth of your business.

Our state of the art Engineering Division will provide expert recommendations together with a visual model of the blast facility prior to commencing manufacturing. This process is beneficial in providing an overall view of the facility and it's operation.

No job is too large or too small; with over 48 years of experience in abrasive blast facilities - Burwell has got you covered!

## BAE SYSTEMS AUSTRALIA

BAE Systems Australia engaged Burwell to design and install a facility to blast and paint ship sections for their Air Warfare Destroyer Program located in Williamstown (VIC).

The high production combined blast and spray painting facility is the largest in the southern hemisphere, dimensions: 26m x 24m x 14m. The facility is designed to operate twelve blast nozzles, coupled with a 4,000 cfm compressed air plant. Steel grit abrasive is recovered from the ship sections via six 1,800 cfm electric powered vacuums. The vacuums automatically deposit steel grit abrasive into two high production recycling plants.

The facility is climate controlled ensuring the coating cures as per military specifications. This is enabled by incorporating a direct-fired heater into the ducting system.

## JOY GLOBAL

Joy Global are one of the world's largest manufacturers of surface and underground mining equipment. The Moss Vale Plant (NSW) focuses on servicing and refurbishment of this equipment.

Joy Global engaged Burwell to design, manufacture and install an abrasive blast room, dimensions: 12m x 8m x 5m. Burwell's aim with the Joy Global project was to install a facility designed to manage the high level of corrosion and heavy coatings associated with underground mining equipment.

To ensure continuous operation and excellent turn around time, Burwell installed a fully automated sweeper blade recovery system, designed with a load limit of 80 tonnes. Material handling was improved by the use of Burwell's unique rubber roll up doors. Ventilation for the facility encompassed a high production dust collector focused on the heavy dust load present when blasting mining equipment.

## S & L STEEL

S & L Steel operates one of Australia's largest steel fabrication plants, located in Rooty Hill (NSW). Burwell was contracted to design, manufacture and install an abrasive blast room, dimensions: 25m x 8m x 8m. The priority for Burwell on this project was to incorporate a fully automated sweeper blade recovery system with a load limit of 160 tonnes.

Such large facilities require the utilisation of Burwell's unique rubber roll up door design. The doors improve safety, greatly reduce noise external to the booth and dramatically lower material handling time. Wastage of expensive floor space, previously associated with steel swing doors, is eliminated by the use of Burwell's unique door system.

## McELLAGOTTS (QUEENSLAND) PTY LTD

McElligotts are one of Australia's largest abrasive blast and paint companies. Their operation located in Mackay (QLD) focuses on servicing the mining industry. Burwell was requested to design two portable shelters, dimensions: 20m x 18m x 8m and 20m x 12m x 8m. Located within Category C wind region, these portable shelters are rated to withstand cyclonic conditions.

The portable shelters were designed as high production blasting facilities capable of operating six blast nozzles, coupled with a 2000 cfm compressed air plant. The garnet abrasive is recovered from the shelters via an 1800 cfm electric powered vacuum. The vacuum automatically deposits spent abrasive into the high production recycling plant.

The facility encompasses two separate dust collection systems; a smaller 8 cartridge unit dedicated to the recycling plant, and a larger 100 cartridge unit dedicated to the ventilation of the shelters.





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