



Environmental Solutions



Mobile Abrasive Blasting Facility

Services Provided

Our mobile facility can be set up and operating in one shift.
The facility is fully contained to meet all DEC requirements.



Blast Booth

- 12M Insulated Container Booth.
- Front and rear access doors.
- Side access personnel door.
- Fabricated trolley rails.
- 2 ton Trolleys.
- 8 protected lights.
- 150mm thick insulated walls.
- Removable air intakes.
- Fan silencer.

Filtering System

- Gold Series dust collector.
- Hemi Pleat Dust Gold cone filters.
- Sequential Pulse Controller.
- Blast recovery bucket Elevator.
- Air flow: 3—4 metres a second.

Specifications

- Booth: 2.3M Wide x 2.3M High x 12M Long.
- Gold Series model: GS-6.
- Hemi Pleat Filters: Polytech Hemi Pleat fire retardant filters.
- Filter Area: 183M².
- Reverse pulse CFM: 18 CFM of cleaned compressed air.
- Air volume: 7500 M³ @ 2.5KPA.

CMC Group strives to maintain minimal Impact on the environment by employing the best Industry practices.

The Mobile Abrasive Blasting Facility is Australian made and CMC Group is 100% Australian owned.

The Gold Series is the next generation dust collector, building on 25 years of experience with Farr's Tenkay dust collector. Enhanced performance features with exceptional ease of installation and service makes the Gold Series the ultimate choice for a clean workplace.

Mobile Painting Facility

Services Provided

Our mobile facility can be set up and operating in one shift.
The facility is fully contained to meet all DEC requirements.



Paint Booth

- 12M Insulated Container Booth.
- Front access door.
- Side access personnel door.
- Fabricated trolley rails.
- 2 ton Trolleys.
- 8 protected lights.
- 150mm thick insulated walls.
- Removable air intakes.
- Fan silencer.



Filtering System

- Poly Paint Booth Media.
- Filter Media Intake Panel.
- VSD Controller for the Fan.

Specifications

- Booth: 2.3M Wide x 2.3M High x 12M Long.
- Fan: Axial—11,000M3/Hr.
- Filter Size: 2200mm Wide x 2200mm High.

CMC Group strives to maintain minimal Impact on the environment by employing the best Industry practices.

The Mobile Painting Facility is Australian made and CMC Group is 100% Australian owned.

We believe the new Hemi Pleat Tech Media is the most advanced particle collector ever made. Filtration efficiency is 99.99% on 0.5 microns and larger particles. In most cases the Gold Series meets the 5mg/m3 or fewer emissions required to recirculate the air back into the work place for non-hazardous dusts. Gold Series collectors feature a new modular design for optimum flexibility.

Questions and answers about the Mobile Painting and Blasting Facility

- 1. How long does it take to set up the Mobile Blasting and painting Booths?**

Both booths can be set up and operating in one shift after delivery.
- 2. Does the Painting Booth meet government regulations?**

The Spray Painting Booth meets and exceeds AS/NZS4114.1 and fully complies with Environmental Protection (Metal Coating) Regulation 2001.
- 3. Will Garnet will be collected following each operation and recycled?**

The Garnet reclaimer is operating during the blasting process with all garnet recovered.
- 4. Where will the waste generated be disposed?**

All waste generated, where it can't be recycled will be disposed of in accordance with the Environmental Protection (Controlled waste) Regulations 2004 – Receipts of waste removal will be retained for 3 years.
- 5. What is the air flow rate for the blasting and painting containers?**

The paint booth ventilates 11,000m³ per hour and the blast booth 7,500m³ per hour.
- 6. Will filters be disposed of to a licensed landfill once they reach capacity?**

Filters will be disposed of in a licenced landfill.
- 7. What is the frequency the filters will be checked to ensure they are working effectively?**

Pre-starts will be completed every day before operating.
- 8. Will painting only be performed with the extraction system operating and continue operating for 10 mins following cessation of painting?**

Yes as in AS/NZS4114.1 Section 4.3.1.
- 9. Will hydrocarbon/chemical storage meet the Department of Mines & Petroleum's Code of Practice for Storage and handling of dangerous goods?**

Yes
- 10. Will dust escape from the blasting chamber?**

The Blasting chamber will be completely sealed and fitted with mechanical ventilation and dust extraction system so that no visible dust escapes from the blasting chamber, all air passes through the ventilation and dust extraction system before being discharged into the environment and air discharged into the environment does not contain any visible dust or more than 50 milligrams of particulate matter per cubic metre.
- 11. Explain the noise reduction devices that will be used on the system?**

The containers have 150mm insulated walls. The fans have a ducted silencer fitted to the exhaust.
- 12. Will any chemicals/hydrocarbons (including paints) be stored onsite and how?**

Paint and thinners on site will be stored in a bunded container to prevent spillage should it occur. All mixing of paints will be conducted within a bunded area (spill tray).