

Critical Applications

Custom Projects

When Safety is Critical

You can count on:



With over 50 years of experience keeping emergency service workers safe in highly dangerous environments, we have the expertise to engineer innovative, reliable, and high-performance solutions that ensure the utmost safety and effectiveness in critical applications.

IMAGE PROVIDED BY CFS PROMOTIONS UNIT

Engineering solutions for Emergency Service and Custom Projects.

The Moore Group of Companies:

For over 50 years, Moore Engineering has pioneered innovative solutions for emergency services, beginning in the early days with air-conditioned cabins for agricultural machinery. The development of a prototype emergency vehicle for the South Australian State Emergency Service in the late 1970's became a groundbreaking project that quickly established their reputation in Emergency Services.

As demand increased, Moore Engineering expanded into general engineering, viticulture, and mining, which led to the creation of Moore Mechanical and Moore Plant Hire to support the engineering business. Moore Mechanical provides comprehensive maintenance and mechanical repairs, while Moore Plant Hire offers crane hire and elevated access equipment.

With a focus on safety, reliability, and continuous innovation, Moore Engineering remains a trusted leader in creating durable, high-performance vehicle solutions that keep humans safe in the most dangerous environments on earth.



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Capabilities

Engineering and Fabrication:

- > Design and manufacture of fire and rescue appliances
- > Custom engineering solutions for emergency vehicles
- > General engineering services

Plant and Equipment Hire:

- > Crane hire 12 - 100 tonne
- > Elevate access equipment for hire
- > Heavy Haulage

Safety and Innovation:

- > Development of certified safety systems, such as our:
 - Cabin deluge systems and in-cab pump start systems
- > Implementation of operator safety systems & processes

Moore Mechanical:

- > Truck diagnostic & testing equipment
 - Suspension shaker tester and brake roller tester
- > Specialist service pits
 - 2x 25 meter long surface pits (drive through capability)
- > Air conditioning service and repairs
- > General truck and trailer servicing
- > Breakdown service including heavy towing & recovery
- > 90 tonne rated heavy tow truck

Facilities and Infrastructure:

- > 18,000m² premises
- > Advanced manufacturing and assembly sheds
- > 12 welding stations capable of:
 - Stainless big steel welding
 - Aluminum mig/arc welding
 - Structural steel mig/arc welding
- > Sheet metal facilities including:
 - Sheet metal guillotines
 - Pan brake sheet metal folders
 - Sheet metal notchers
- > CNC Plasma cutter 3,000 x 1,500 mm
- > Anodising facilities
- > Fully equipped and stocked specialist engineering store

Discriminators

- > Comprehensive service offering enables in-house turnkey solutions
- > Bespoke certified innovative safety systems
- > Custom engineering capability
- > Advanced facilities and equipment
- > Expertise & strong client relationships built through 50 years in business
- > Kaizen methodology drives continuous improvement
- > Safety and reliability focus
- > Commitment to environmental responsibility driven through sustainable practice & renewable energy projects

Credentials

> Certifications:

- AS1665:2004 - Structural aluminum welding
- AS1554:1 - Structural Steel Welding
- AS4041:2006 - Stainless steel pressure pipe welding
- All required engineering and mechanical trade certifications (e.g., Certificate III in Engineering / Fabrication Trade, Certificate IV in Project Management Practice)
- All required high-risk work licenses (e.g., Forklift, Excavator Operations), construction induction (White Card), and heavy vehicle drivers licenses
- Specialised certifications in Government Compliance and Frontline Management

> Quality Assurance:

- In-house processes equivalent to ISO9001 standards
- Currently working with ODIS towards ISO9001 accreditation

Key Customers



BHP



ElectraNet

ARTC



RioTinto



ForestrySA



Key Partners

ODIS



PWA

