

# CAPABILITY STATEMENT

# TRIODIA



## RAIL | MINING | CIVIL | ELECTRICAL CONSTRUCTION & MAINTENANCE



100% Aboriginal  
Owned & Operated

Leaders in workplace  
productivity and employee safety.

Proudly supporting Aboriginal  
community development.

EC Licence 15967

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T: 1300 TRIODIA (874 634)

# OUR STORY

The Gordon Family are direct descendants of Wiltjarrowa Longshadow ancestor of the Pilki people from the Tjuntjuntjara community, located in Spinifex country within the Great Victorian Desert. Ananga Pila Nguru refers to the Pilki, Spinifex and Untiri Pulka native title holders – collectively known as Spinifex People, original managers of the Spinifex lands. Terry's mother Nancy Gordon named the family business Triodia being the Latin word for Spinifex.

Triodia Mining was established by Terry in 2011 with a focus on surface and underground mining services formed from the Gordon family's vision to provide meaningful career pathways for the Indigenous people of the Goldfields communities. Triodia Tropicana was established in 2015 as a joint venture at Anglo Ashanti Gold Mine providing vehicle and equipment maintenance at Anglo Ashanti Gold Mine.

Ryan established Triodia in 2020 initially providing rail maintenance services in the Pilbara and Perth regions. Since then, Triodia has grown rapidly with service offerings including civil maintenance and construction, rail maintenance and construction, electrical and solar services, underground locating services and our vehicle maintenance workshop in Yangebup servicing the Perth metropolitan area.

## OUR LEADERSHIP TEAM



**Terry Gordon**

**Managing Director – Triodia Tropicana & Triodia Australia**

Born in Kalgoorlie, Terry entered the mining industry when he was 18. His vast experience includes surface and underground mining, civil works and labour hire. Triodia Mining was established in 2011, growing from the Gordon family's vision to provide meaningful career pathways for people of the Goldfields communities.

Working with the Clontarf Academies (Perth and Kalgoorlie) and other organisations, Terry works with indigenous communities to provide skills development opportunities.



**Ryan Gordon**

**Business Manager – Triodia Australia & Triodia Tropicana**

Ryan was instrumental in the creation of the Triodia Group, providing Construction and Maintenance opportunities within WA to the Civil and Rail sectors.

He has over 17 years of experience within the rail industry, with proven skills in asset and maintenance management within heavy haul environments. Born in Kalgoorlie, Ryan was introduced to the rail maintenance industry when he was 20 years old.



**Jamie Gordon**

**Director – Triodia Energy**

Jamie joined Triodia in 2021 to manage and expand the electrical service offering of Triodia. From 2015, Jamie worked all over the state on various Water Corporation assets as Lead Electrician and Team Leader.

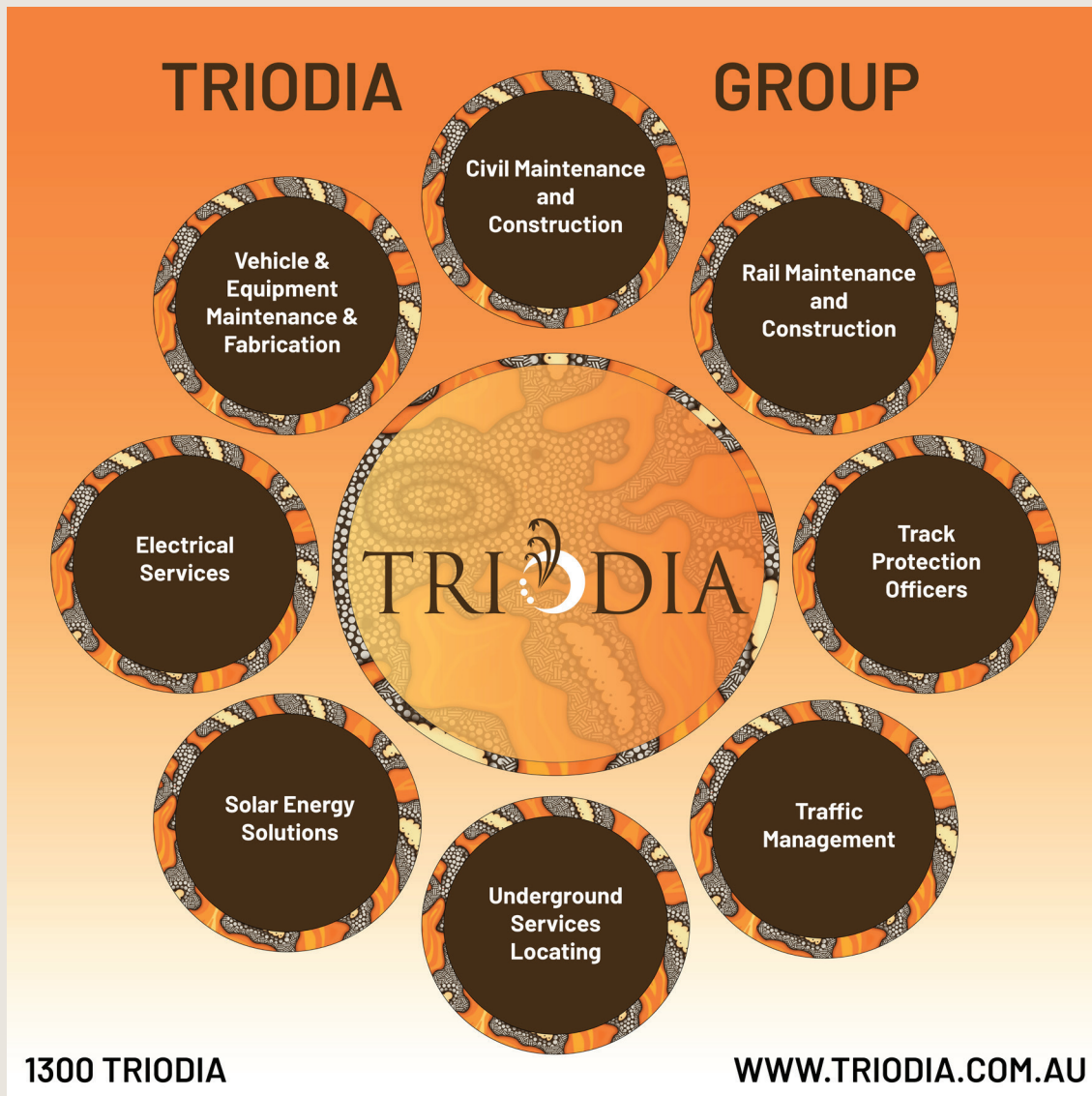
Jamie is a dual trade electrician having completed his electrical apprenticeship and Certificate IV in Electrical Instrumentation..



*The Gordon family belong to the Pila Nguru people of the Great Victoria Desert in WA. The Pila Nguru are often referred to as the 'Spinifex people'. Spinifex is the dominant vegetation across their country. Spinifex is also known as the Triodia plant.*

# TRIODIA GROUP

Triodia is a leader in workplace productivity and employee safety across the rail, mining, civil and electrical industries. With a pool of experienced workers on call, Triodia can quickly deliver the right people for you. We provide skilled trade personnel, machine operators, semi-skilled workers, plus contract labourers. Our working relationships with traditional owner groups across WA has a long history. We supply personnel to Rio Tinto, BHP, FMG, Roy Hill, PTA, ARC and many other clients across WA.



## HEALTH & SAFETY IS OUR PRIORITY

We invest heavily in occupational health and safety; some of the quality control systems at Triodia include:

- Quality Management System – ISO 9001:2015 ANZSIC: 4121, 4122, 4259, 5323, 5329, 7861
- Safety Management System – ISO 45001:2018 ANZSIC: 4121, 4122, 4259, 5323, 5329, 7861
- Environmental Management System – ISO 14001:2015 ANZSIC: 4121, 4122, 4259, 5323, 5329, 7861
- Tier 1 Risk Management System – contractor Risk Management strategies
- Comprehensive WorkCover, Public Liability; and vehicle and equipment insurance.

# TRIODIA KEY SERVICES

RAIL | MINING | CIVIL | ELECTRICAL



## RAIL MAINTENANCE & CONSTRUCTION

From our established depots in regional WA, we deliver high quality services to key clients in the resource and infrastructure sectors. We provide a wide range of services in track protection, traffic management, rail construction and maintenance.

### Track Protection Officers

Our safe and reliable TPO's are trained to cover all rail networks throughout WA including:

- Rio Tinto - M1-M8
- BHP - TA/LO/SW/TOA
- PTA - SW/P01/P02/P03/PRES
- ARC - SW/POLO
- Roy Hill - L4
- FMG - TA/TPO

### Traffic Management Services

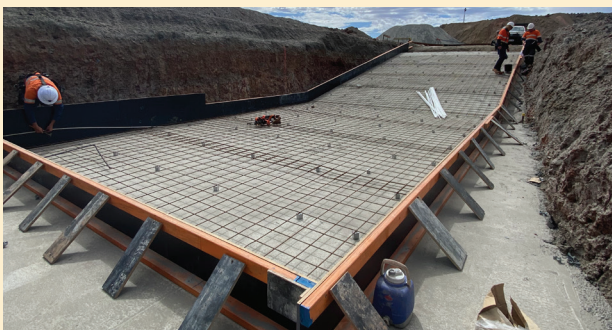
- BWTM, TC and AWTM
- Traffic Management Plans
- Traffic Guidance Schemes



## LIGHT VEHICLE & EQUIPMENT MAINTENANCE & FABRICATION

Triodia Tropicana specialise in Fleet Management, service, and maintenance of mobile and non mobile plant at Tropicana Gold Mine. This workshop supports the mine owner Anglo Gold Ashanti, their joint venture partner MacMahon and all 3rd party contractor light vehicle assets at the mine. Our Cockburn Workshop similarly services the metro area including heavy vehicle fleet management. We offer in-depth reporting for client asset demobilisation and rotation, plus ICAM, HSEQ and Government investigations.

Our specialised software allows for forensic, real-time monitoring of managed fleets, such as cost-per-km analysis on individual assets.

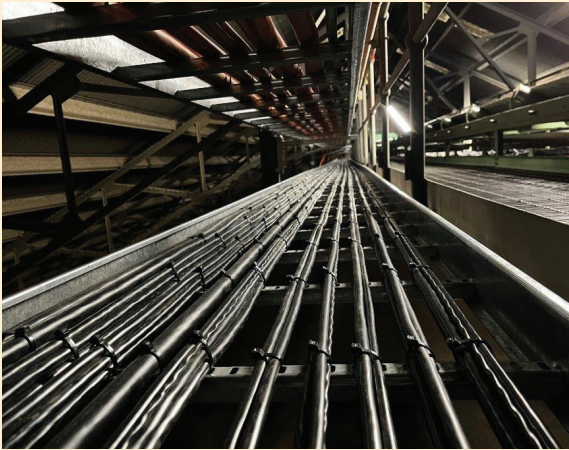


## CIVIL MAINTENANCE & CONSTRUCTION

Triodia provide full project management with a highly skilled team offering a comprehensive range of capabilities, for both remote and metro civil construction and maintenance projects.

Our Civil projects team delivers a wide range of project scopes, including:

- Civil earthworks and roadworks
- Carpentry and construction services including formwork/steel fixing and concrete finishing
- Wharf, Bridge and Jetty remediation
- Culverts/drainage/stone pitching and signage
- Concrete remediation (including grout injection and core drilling)
- Shed construction from the ground up
- Both bulk and detailed earthworks to built structures



## ELECTRICAL SERVICES

Our team of qualified electricians provide all your electrical commercial, industrial and domestic requirements including split system air conditioning installation.

As part of our electrical offering, we also provide all your solar solutions within the Perth and regional areas. Our partner company, Spinifex Solar services the Goldfields-Esperance region with all your solar system needs for residential and commercial systems, thermal coating, solar batteries, off grid and stand-alone systems.

Triodia is committed to a greener future offering completely off grid recycled sea containers from offices, ablution facilities and crib rooms. We can provide advice and solutions to meet your needs for any custom build project. Our sea containers are fully solar powered and include battery backup. You have the option to rent or purchase for your next project.



## EQUIPMENT HIRE & SUPPLY

Our fleet of equipment is serviced regularly to ensure the highest level of efficiency. Triodia can quickly and affordably provide specialty equipment including:

- Light Vehicles, Trucks and Specialty Trucks
- Front-End Loaders (Volvo L90)
- Sea Containers (powered and non-powered)
- Generators
- Mobile Flashbutt Welder
- Demountable Buildings Telehandler
- Jumbo Drill Rig
- Excavators and Graders
- Water and Tipper Trucks

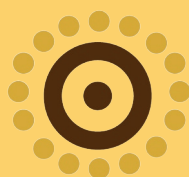


## ***Our Mission Statement***

*To be a leading, integrated and multidisciplinary group across the infrastructure, mining and energy sectors.*

## ***Our Values***

- Culture & Family
- Dedication
- Integrity
- Innovation



## SHUTDOWN & PLANNED MAINTENANCE

Our team has vast experience providing shut-down services to underground and open cut mine sites. Always with safety as our priority, we maximise our productivity to minimise your downtime. Utilising our own pool of labour, supported by our own equipment, we complete projects on time and on budget.

# CIVIL PROJECTS



## Bunbury Outer Ring Road - Pit & Pipe (PNP)

**Client:** Main Roads WA - South West Gateway Alliance

A 27-kilometre four-lane, high standard road linking Forrest Highway to Bussell Highway. The project will ease congestion and provide safer, more efficient traffic routes for freight, tourists, and locals.

Triodia provided Supervised Pit and Pipe crews (2) and RCBC and FRP installation crews.



## BP Kwinana Jetty Concrete Remediation

**Client:** Total AMS Group Pty Ltd for BP

Engaged by Total AMS Pty Ltd for BP to repair mooring dolphins at the refinery in Kwinana. This project includes grout and concrete remediation to the underside of moorings. A process was created to repair or replace concrete underneath the moorings, where the team were sometimes required to work in the water.

Working near the ocean along with inclement weather conditions have been unpredictable but has also challenged Triodia to provide alternative solutions.



## Bellevue Aerodrome Airside Civils & Pavement Upgrade Works

**Client:** Centrals Earthmoving Pty Ltd

Engaged to install box culvert sections and multi barrel culvert crossing to the airstrip access road. Scope of works include;

- Detailed earthworks
- In situ-reinforced concrete culvert bridge installation
- including, base slab, apron and headwalls
- RCBC Bridge installation
- Backfill & compaction



## Bunbury Outer Ring Road - Drainage

**Client:** Main Roads WA - South West Gateway Alliance

Triodia was engaged on a dayworks basis to provide a number of FRP crews to excavate, blind, install formwork, steel and pour concrete to transverse box culvert drainage crossings (including, base slabs, headwalls and wingwalls) in section 22, 23 and 24 on the project.

# CIVIL PROJECTS



## Jandakot Airport – RFDS Helipad

**Client:** West Coast Civil

Triodia was engaged to complete the construction of helipads for the Royal Flying Doctors Service. Triodia supplied supervision, plant and labour to execute all works including final trim operators.



## Perth Airport – Bus Car Park

**Client:** West Coast Civil

This project comprised of supplying supervision, plant and labour to execute all works, including Positrack (with attachments), 5T excavator, compactor, and tipper trucks. We removed redundant services, concrete curbing, concrete hard stand, and damaged bitumen surfaces and disposed from site.



## Ord River Finishing Works – Halls Creek

**Client:** Main Roads WA

Triodia was directly engaged by MRWA to complete finishing works including:

- culvert repairs
- minor earthworks to repair culvert sours, A-Drains, GDrains and V-Drains
- concrete remediation works on apron slabs and culvert head walls
- signage installation
- installation of spoon drains
- installation of new mountable kerbing and backfilling of material behind kerb
- stone pitching for new table and spoon drains
- installation of rock protection for drainage
- culvert box repair



# RAIL PROJECTS



## **Griffin Coalmine – Derailment Repair and Line Upgrade**

**Client: Griffin Coal Mining Company Pty Ltd**

The original scope was to replace 1 in 5 sleepers over a 600m section of track, as well as the replacement of some short rail sections, to remove some damaged rail.

On further inspection by both the client and team further improvements were detected which included a full crossing removal and reinstatement and another 15 welds.

Due to the timely response and quality of work, our client subsequently offered us additional work.



## **Iron Bridge – Canyon G Project, Port Hedland**

**Client: Fortescue Metals Group**

This project was a JV between Triodia and Fluor. Our team was contracted for the installation of the new stacker berm rail (2,000m each side). The works included the ballast, sleepers, tie beams between tracks, rail clips, and the welding of the rail track.



## **Public Transport Authority (PTA) – Perth Metro**

**Client: Various Tier 1 Contractors**

Provision of experienced resources including;

- Aluminothermic Welders
- Plant Operators i.e., Excavator / Loader etc
- Track Protection Officers
- HR / HC and MC Operators
- Rail and General Labour



## **Kenwick Rail Flashbutt Welding Facility**

**Client: Asciano (Allworks subcontractor)**

Extension of rail formation and capping in preparation for rail track slew, with works carried out between rail traffic movements. Triodia supplied all supervision, plant and labour to execute the works, including grader, loaders, 22t excavator, 5T excavator, roller, water truck, and tipper trucks.

# RAIL PROJECTS



## **Gudai Darri Resurfacing Project - Pilbara WA**

**Client: Rio Tinto**

Triodia is directly engaged by Rio Tinto to support the ongoing Resurfacing project providing the below services –

- Safeworking Protection
- Crossing Management
- Stockpile Management (Wet Hired)
- Ballast Deliveries
- Equipment Hire (Wet hired)



## **Rio Tinto Network – Pilbara WA**

**Client: Fluor Rail Services**

Supply of experienced resources and general labour, to support the Minor and Major Renewals (Rail / Civil) and other associated Rail Maintenance activities, such as Resurfacing Support, Rerail, Rail Train and Track construction etc.

Roles included but not limited to:

- Mobile Flashbutt Welders
- Aluminothermic Welders
- Plant Operators i.e., Excavator / Loader etc
- Track Protection Officers
- Rail Train Operators
- HR / HC and MC Operators
- Rail Labour



## **Track Replacement Project – Port Hedland WA**

**Client: BHP Iron Ore**

Multiple tasks included –

- The dismantling of reclaimer rails and disposal of the redundant sleepers to an off site location;
- Excavation of 6000 tonne of ballast and haul to nominated spoil area;
- Repair proof rolling of existing rail formation;
- Installation of Geofabric and install of BHP supplied ballast;
- Tamping and alignment of the new reclaimer rails;
- Construction of concrete drainage slab with poly drainage channel; and the installation of asphalt access road.

# ELECTRICAL PROJECTS

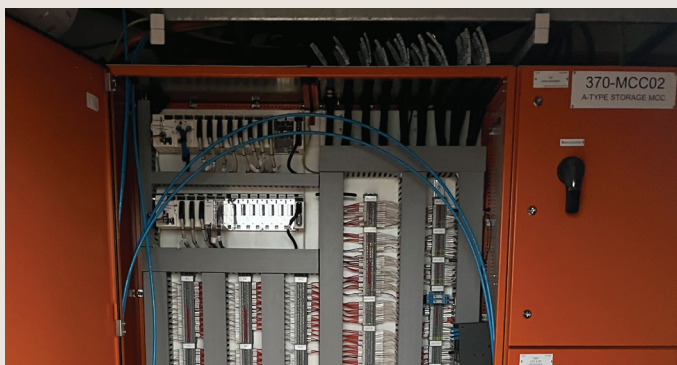


## **CBH Dumbleyung**

**Client:** Mason Electrical Pty Ltd for CBH Group

Triodia was engaged by Mason Electrical to support the electrical refurbishment scope of containment wiring for the CBH Group's grain silo shed in the Wheatbelt town of Dumbleyung.

Works included lighting, power, motors and controls.



## **CBH Esperance**

**Client:** Mason Electrical Pty Ltd for CBH Group

Triodia was engaged by Mason Electrical to support the electrical refurbishment scope of greenfield electrical installation of the CBH grain conveyor in Esperance.

The works included:

- underground conduit and wiring (including pits)
- lighting and power; and
- motors and controls.

# UNDERGROUND SERVICES LOCATING PROJECTS



## **Midland Train Station Upgrade**

**Client:** MJ Alliance

Triodia Scanning has been engaged to locate and pothole with our vacuum trailer all services along the PTA network (as per client's job locations) marking all services with depth indicators prior to any earthworks or any ground disturbance activity.

## **Perth Airport Domestic & International**

**Client:** West Coast Civil Pty Ltd

On a regular basis Triodia Scanning is asked to scan and pothole with our vacuum trailer various sites around Perth Airport's estate, and to provide our clients with detailed reports to indicate where any valuable assets are underground before any earthworks or any ground disturbance activity is to take place.

# OUR CULTURE



## INDIGENOUS TRAINING & EMPLOYMENT

Triodia is central to the Gordon family's vision to provide meaningful career pathways for Aboriginal communities.

We are committed to supporting communities in the areas in which we operate including a successful trainee and apprenticeship program, providing work experience opportunities for local Aboriginal people.

Triodia Tropicana has established Aboriginal apprenticeship positions at the Tropicana and Cockburn light vehicle workshop where local Aboriginal trainees gain experience and training in a supportive environment.

Triodia's workforce has a significant number of Aboriginal employees with more than 10% of those coming from our traineeship program.

Our focus is on accelerating Aboriginal economic resilience, strengthening family units, and supporting community and culture.

## CULTURAL AWARENESS SERVICES

We've developed a Cross-Culture Awareness Training package specifically for people working on lands in the Great Victorian Desert region. Mutually respectful engagement helps both the local community and the resources project to flourish.

At the request of Anglo Gold Ashanti, we provided this cross-cultural training module to all employees and on-site contractors at the Tropicana Gold Mine Site.

## INDUSTRY PARTNERS

Triodia has developed strong partnerships with a number of businesses to broaden the range of services we provide. These companies include:

- Alcoa
- Allworks
- Anglo Ashanti Gold
- Aurizon
- BHP
- Bundarra Contracting
- C.A.T.E.R
- Crossland and Hardy
- DTEC Workforce
- DT Infrastructure
- Fluor Rail Services
- Fortescue Metals Group
- Freo Cranes
- Galati Brothers
- Griffin Coal Mining
- Kai Rho Contracting
- Laing O'Rourke
- MacMahon
- Main Roads WA
- Martinus Rail
- Public Transport Authority
- Rio Tinto
- Roy Hill Infrastructure
- Southern Ports Authority
- South West Gateway Alliance
- Total AMS Pty Ltd
- West Coast Civil
- Yurra
- Yurala Civil

## Postal Address Metro

### Triodia

#### Perth Office:

Unit 1, 14 Halley Road  
Balcatta WA 6021  
T: 1300 874 634

#### Yangebup Workshop:

Unit 2, 20 Erceg Road  
Yangebup WA 6164  
T: 0437 021 677

**Triodia Karratha**

## Postal Address Regional

### Karratha Office:

501 Croydon Road  
Karratha WA 6714

### Triodia Tropicana Vehicle Maintenance

#### Site Office:

Tropicana Gold Mine  
Plumridge Lakes WA 6431

#### Kalgoorlie Workshop:

2a Keogh Way  
West Kalgoorlie WA 6430

**Triodia Perth**

**Triodia Yangebup**

# TRIODIA

**Triodia Tropicana**

**Triodia Kalgoorlie**

Find out more, visit [triodia.com.au](http://triodia.com.au), or scan the QR Code:



## Contact Us

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## Registered Companies

Triodia Australia Pty Ltd  
Triodia Energy Pty Ltd  
Triodia Resources Pty Ltd  
Triodia Scanning Pty Ltd  
Triodia Tropicana Pty Ltd  
Spinifex Solar Pty Ltd



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*Original artwork by Minha*

*Triodia acknowledge the Traditional Custodians of Country throughout Australia. We recognise their connection to traditional lands and waters and pay our respects to their Elders past and present.*