

**DYNAMICAL
CONSTRUCTION**

Capability Statement

About Dynamical Construction

A local WA based electrical contractor empowering excellence in electrical services for Mining, Resource, and Heavy Industries.

Dynamical Construction is a proudly Western Australian owned and operated electrical service provider, catering to the dynamic needs of the mining, resource, and heavy industry sectors. We bring a wealth of experience and expertise to deliver reliable, cost-effective, client-compliant electrical solutions. Our unwavering commitment to safety, quality, and client satisfaction sets us apart in the industry.

When it comes to electrical contracting, we don't just understand it, we excel at it. Our seasoned and accomplished management team has garnered a sterling reputation for excellence in project management, a steadfast focus on safety, and an unwavering dedication to listening to and meeting our clients' and employees' needs.

Our people are our most precious asset. Therefore, our highest priority is ensuring the health, safety, and wellbeing of every member of our team. Our goal is to provide a secure and inclusive working environment, complemented by a diverse range of captivating and challenging project assignments. We back this up with an extensive array of training opportunities for all personnel within our organization. This ethos has enabled Dynamical Construction to build a highly skilled and dependable electrical workforce, founded on principles of mutual respect. Our team members not only take charge of their own health and safety but also watch out for their fellow colleagues, actively contributing suggestions to further enhance our company's performance in areas such as safety, quality, and productivity.

We fully recognise and respect the high-

risk environment in which we operate. Our unwavering commitment is to ensure that every member of our team is thoroughly trained and equipped to properly use and apply our safe systems of work. Our comprehensive Integrated Management System (IMS) comprises all the necessary forms, guides, manuals, plans, procedures, policies, safe work methods and test sheets to provide unwavering support to our team. Our goal is simple: getting it right the first time, every time.

With our headquarters and workshop in Karratha, complemented by satellite offices in Port Hedland and Perth, Dynamical Construction ensures the swift and reliable delivery of our services throughout Western Australia. Our long-standing relationships with Perth and Pilbara-based companies and suppliers enable us to deliver Engineering, Procurement, and Construction (EPC) electrical solutions as a cohesive and integrated team.

At Dynamical Construction, our commitment to safety is steadfast. We take immense pride in our 'zero-harm' culture and our 'can-do' attitude, both deeply ingrained in our company's DNA. We firmly believe that a one-team approach, working together with our clients, is the cornerstone of all-around project success.

Experience the Dynamical Construction difference – Where safety, quality, and collaboration converge to empower excellence.





Our Mission

To deliver reliable, cost-effective, client-compliant electrical solutions that are delivered on time, on budget, without compromising on safety and quality standards.

Our Vision

To be a preferred specialised electrical service provider, where we are chosen by our clients for being an exceptional company to work with.

Dynamical Constructions' Guiding Principles



Creating a Culture of Safety and Excellence

At Dynamical Construction, safety is more than a commitment; it's a core value ingrained in our very DNA. We take immense pride in our 'zero-harm' culture and our unwavering 'can-do' attitude.



Our Safety Commitment

Our team is well versed in utilizing our Integrated Management System (IMS), a tool that ensures our documents are regularly reviewed and enhanced, aligning with industry standards and best practices. This commitment to constant improvement is a testament to our dedication to safety.



Tailored Contracting Models

We understand that every client's needs are unique, and we are here to meet those needs. Our flexibility extends to various contracting models, from construction-only projects to engaging suitable contractors for comprehensive EPC solutions. Whether it's a fixed-price contract or an open-book approach, we tailor our solutions to solve your specific problems.



A Team That Listens

Investing in our people is at the heart of our success. Through a blend of on-the-job training, and team-building events, we foster a motivated and highly skilled workforce. Our team members not only take care of themselves but also support their colleagues, acting with unwavering integrity. They are empowered to voice their innovative ideas and opinions, contributing to the collective success of our team.



Solving Challenges for Our Clients

At Dynamical Construction, our primary focus is solving your challenges. We are committed to delivering electrical solutions that are reliable, cost-effective, and fully compliant with your requirements. Our track record speaks for itself - projects completed on time, within budget, and always maintaining the highest safety and quality standards.

We invite you to experience the Dynamical Construction difference – a commitment to safety, excellence, and tailored solutions that empower your success.

Our Capabilities

At Dynamical Construction, we're more than just an electrical contractor. We're your local experts, deeply rooted in Western Australia and proudly serving the dynamic needs of the Industrial, Mining, Resource, and Heavy Industry sectors.

Our unwavering commitment is to empower you with reliable, cost-effective, and client-compliant electrical solutions that are always delivered on time and on budget, without ever compromising on safety or quality.

Electrical & Instrumentation Management & Services

- EPC/M and project management
- Procurement and logistics management
- Constructability reviews
- Construction and commissioning management/services
- Scope of work development services
- QA/QC services
- Engineering support

Electrical & Instrumentation Installations

- Supply and installation of MCC's, switchgear, transformers and RMU's
- Mobile machine slew bearing, drag chain, bucketwheel changeouts
- Car dumper/Train unloader festoon changeouts
- VVVF/VSD and rotor cubicle installations, replacements, upgrades
- HV, LV, ELV cabling, cable support systems and terminations
- Fabrication and installation of solar telemetry skids
- Installation of plant equipment (weighers, chillers, metal detectors)
- Supply and installation of field devices, control panels and junction boxes
- PLC and remote IO system installations and upgrades
- Lighting and lightening installations
- Earthing system upgrades
- Instrumentation installation and loop checking

Maintenance & Communications Services

- Damaged cable and equipment replacements
- Condition monitoring systems installation
- CCTV installations
- Fibre optic and data communications installation & testing
- Electrical systems as-building
- Fire system, substation and electrical distribution board auditing
- RCD testing

Our Proven Track Record and Experience

Dynamical Construction team members have been involved in the management and execution of the following projects and bring this experience to our company and our customers.



Fortescue Anderson Point Festoon Replacement

Client: Metso / Fortescue

Period: November 2023

DC Capabilities: E&I Management & Services, E&I Installations

Synopsis: Dynamical Construction was commissioned to construction manage and perform trade execution tasks associated with a festoon replacement. The company conducted all electrical aspects of this project while effectively coordinating and managing ancillary services including mechanical trades, crane operations, surveying, lubrication, and NDT.

This undertaking entailed the dismantling of the existing setup and the installation of a new festoon, alongside the replacement of runway beams and toe arm. The newly installed festoon cabling was integrated into the existing cable ladder system, extending to both land-based and onboard enclosures and equipment. Comprehensive termination and testing of all cabling were carried out, supporting the efficient re-commissioning of the machine, which was subsequently returned to operation according to the planned schedule.

The project was marked by a significant commitment of over 4,000 man-hours across a span of 13 days, and it is noteworthy that this extensive work was accomplished without any reportable safety incidents



RTIO Paraburdoo Bucketwheel Changeout

Client: DG Engineering / Rio Tinto

Period: December 2023

DC Capabilities: E&I Installations

Synopsis: Dynamical Construction was contracted to execute the electrical work required for the bucketwheel changeout on Bridge Reclaimer 1 at Paraburdoo. This project entailed the disconnection of all electrical equipment situated on the crab structure, followed by the retraction of cables above the mechanical disconnection point, a crucial step in facilitating the bucketwheel changeout. Subsequent to this phase, the personnel from Dynamical Construction returned to the project site to reinstate the previously removed cabling and equipment.

In the final stages of the project, all cabling underwent thorough termination and testing processes before the re-commissioning of the affected systems. In addition to these tasks, Dynamical Construction provided comprehensive in-house support for control systems throughout the duration of the project.





Switchboard/MCC Replacements
Category: E&I Installations
Type: Procure, Construct, Commission



Transformer and HV Cable Replacements
Category: E&I Installations
Type: Procure, Construct, Commission
Inc Civil & Mechanical Services



Remote Telemetry Solar Skid Fabrication & Installation
Category: E&I Installations
Type: Fabrication, Construct, Commission
Inc Civil Services



Rotor Cubicle Replacements
Category: E&I Installations
Type: Procure, Construct, Commission



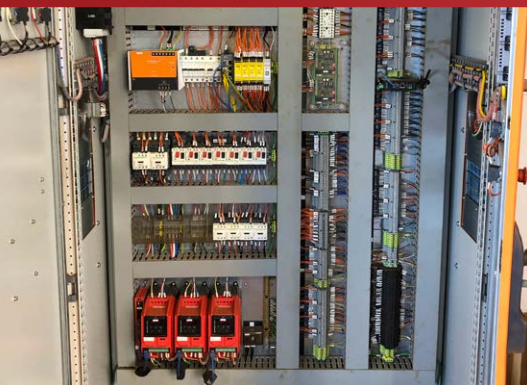
VSD / VVVF Upgrades
Category: E&I Installations
Type: Procure, Construct, Commission



Slew Bearing Changeouts
Category: E&I Installations
Type: Construct, Commission



Drag Chain Installations
Category: E&I Installations
Type: Procure, Construct, Commission



Control Systems Remote IO Conversions & PLC
Category: E&I Installations
Type: Procure, Construct, Commission



Conveyor Weigher Installations
Category: E&I Installations
Type: Construct, Commission
Inc Mechanical Services



Crusher Chiller Unit Upgrades
Category: E&I Installations
Type: Construct, Commission
Inc Mechanical Services



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