



Where innovation meets integrity,
solving problems with precision and purpose.



WWW.IPSDESIGN.COM.AU

CONTENTS

- **COMPANY DETAILS**

COMPANY OVERVIEW	3
KEY CAPABILITIES	3

- **PERFORMANCE**

SERVICES	4
MAJOR PROJECTS HISTORY	6

- **RESOURCES**

OUR TEAM	8
MANAGEMENT PROFILE	8

- **MISSION**

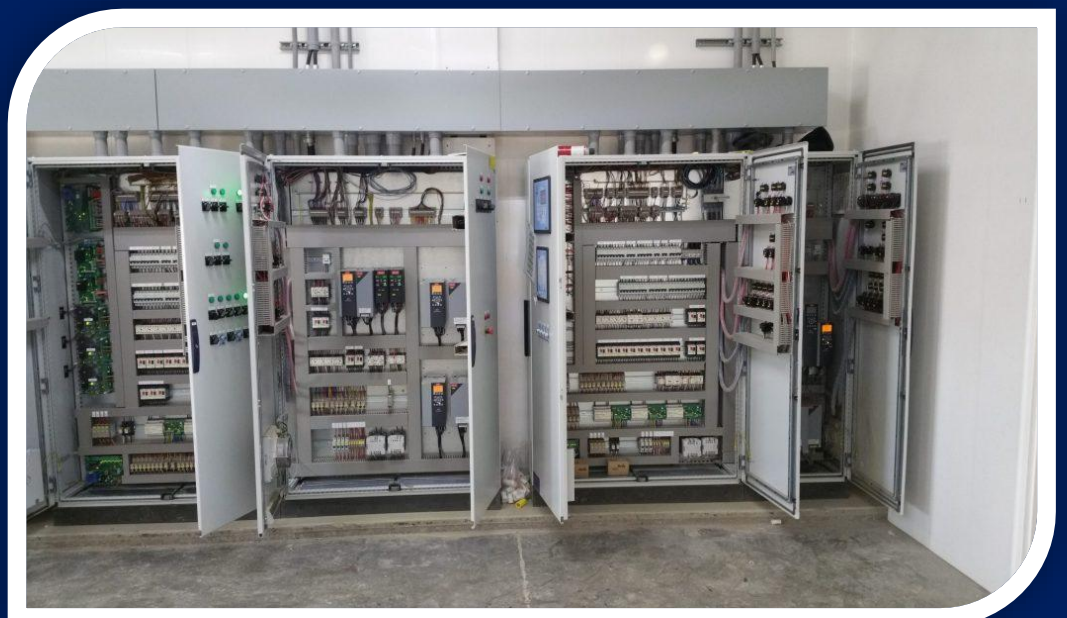
9

- **WHY CHOOSE IPS**

9

- **CONTACT**

9



ABOUT IPS



IPS Design specialises in electrical design engineering, construction and project management. We offer a full suite of services including Computer-Aided Drafting (CAD) and on-site consulting/commissioning, delivering comprehensive industrial power solutions from concept to construction.

Whether you're involved in Resources, Mining, Material Handling, Power Distribution, Manufacturing, Utilities, Transport, Infrastructure or Construction, IPS Design can help deliver innovative and cost-effective engineering solutions tailored to your needs. We ensure every project is completed safely, efficiently, and on schedule, combining technical excellence with practical execution.

Based in Perth, Western Australia, the company provides services to a diverse range of clients across the globe.

Company name: IPS Global Pty Ltd
ABN: 67 667 059 458

KEY CAPABILITIES

At IPS Design, our core capabilities span the full spectrum of electrical engineering and industrial project delivery. We specialise in designing and optimising electrical power systems—including high- and low-voltage networks, substations, and protection schemes—ensuring reliable and efficient energy solutions. Our expertise extends to instrumentation and control systems, automation and SCADA integration, and comprehensive drafting and documentation support. With functional safety assessments and asset integrity strategies, we safeguard operations with precision. Backed by strong project management and on-site consulting capabilities, we guide projects from concept to commissioning with technical excellence. IPS Design also leads in technology integration, industrial networking, and innovation across sectors such as mining, resources, utilities, and manufacturing. These capabilities reflect our commitment to delivering smart, tailored, and future-ready engineering solutions.





SERVICES

TURNKEY SOLUTIONS

- **Engineering, Procurement, Construction Management (EPCM)**

At IPS Design, our Industrial Control & Electrical (IC&E) division delivers end-to-end EPCM services, with a focus on electrical and control engineering for industrial and mining projects. Under the EPCM model, we oversee all engineering, procurement coordination, and construction management, while enabling clients to maintain direct relationships with suppliers. This ensures maximum transparency, flexibility, and the ability to align sourcing decisions with budget and quality requirements. Unlike traditional Design & Construct models, this approach empowers clients with greater control over procurement and costs, while still benefiting from our expert project management.

- **Design & Construction (D&C)**

At IPS Design, our Industrial Control & Electrical (IC&E) division offers complete Design & Construction services, specialising in electrical and control systems for industrial and mining applications. Under the D&C model, we manage every stage — from concept development and detailed design through to procurement, construction, installation, and commissioning. This integrated approach provides clients with a single point of contact and accountability, ensuring seamless coordination, reduced delivery time, and consistent quality. By combining design expertise with construction capability, we deliver cost-effective, fit-for-purpose solutions that are ready to perform from day one.

ELECTRICAL ENGINEERING

- **Power Studies:**

At IPS Design, we deliver end-to-end Power Studies tailored to meet the demands of modern industry and infrastructure. Our expertise spans the full lifecycle of electrical power—from generation to utility distribution networks—ensuring safe, efficient, and reliable energy solutions. At IPS Design, we deliver end-to-end Power Studies tailored to meet the demands of modern industry and infrastructure. Our expertise spans the full lifecycle of electrical power—from generation to utility distribution networks—ensuring safe, efficient, and reliable energy solutions.

- **Electrical Instrumentation**

At IPS Design, we provide expert Electrical Instrumentation Services that ensure precision, safety, and performance across industrial and infrastructure projects. Our team specialises in the design, installation, calibration, and commissioning of instrumentation systems that monitor and control critical processes and automated machines.

- **Automation & Controls:**

At IPS Design, we deliver intelligent Automation & Control solutions that drive efficiency, accuracy, and safety across industrial operations. Our expertise spans the full spectrum of control systems—from design and programming to integration and commissioning—ensuring seamless process automation tailored to your needs.

- **Technology & Innovation:**

At IPS Design, we harness the power of Technology and Information Systems to support smarter, more connected operations. Our services are designed to streamline data flow, enhance system integration, and improve decision-making across industrial and commercial environments.

- **Plant Integrity & Functional Safety:**

At IPS Design, we prioritise the safety, reliability, and compliance of your operations through our specialised Plant Integrity and Functional Safety services. We help ensure that your systems are designed, maintained, and operated to meet the highest standards of performance and risk management.

- **Electrical Design Drafting:**

At IPS Design, we offer comprehensive Electrical Design and Drafting Services that support every stage of your project—from concept development to construction documentation. Our team combines technical expertise with advanced CAD tools to deliver precise, compliant, and build-ready electrical drawings.

PROJECT SERVICES & SUPPORT

- **Technical Documentation:**

At IPS Design, we provide precise and comprehensive Technical Documentation Services to support the full lifecycle of your engineering projects. Our documentation ensures clarity, compliance, and continuity—whether for construction, commissioning, operations, or maintenance.

- **Project Management and Coordination:**

At IPS Design, we provide end-to-end Project Management and Coordination Services to ensure your projects are delivered on time, within budget, and to the highest standards. Our team brings technical expertise, clear communication, and proactive leadership to every stage of the project lifecycle.

- **Site Consulting:**

At IPS Design, our Site Consulting Services provide expert, on-the-ground electrical engineering support to ensure your projects are executed safely, efficiently, and in full compliance with industry standards. We work closely with clients to assess site conditions, troubleshoot complex issues, and guide critical decision-making throughout the project lifecycle.

- **Site Commissioning:**

At IPS Design, our Site Commissioning Services are designed to validate that your electrical systems are installed correctly, function as intended, and meet all operational, safety, and regulatory requirements before going live. We support clients with comprehensive commissioning solutions that reduce risk, minimize downtime, and ensure long-term system reliability.

- **As-Built Drawings:**

At IPS Design, we provide accurate and detailed As-Built Drawings that reflect the final built condition of your project. These drawings are essential for ongoing maintenance, future upgrades, and regulatory compliance, capturing all modifications made during construction or installation.



MAJOR PROJECT HISTORY

For every project, we assess the short-term and long-term advantages of life-cycle costing in relation to the chosen components and system design. This approach ensures that each option is thoroughly evaluated for performance, efficiency, reliability, safety, ease of maintenance, and overall cost-efficiency—aligned with the project brief and budget.

PROJECT - CLIENT	PROJECT DETAILS
Appin VS7 & VS8 Ventilation Shaft Sinking Project - RUC MINING	Complete Electrical, Controls, and Instrumentation (ECI) design for all shaft sinking infrastructure, including power systems, winding equipment, and auxiliary facilities. Coordination, electrical construction supervision, and oversight of factory acceptance testing. Our team supported the project from early engineering through to commissioning and operational readiness.
Tanami Expansion Project Shaft Lining and Equipping - RUC MINING	End-to-end ECI design covering all systems required for shaft lining operations, including power distribution, PLC/Remote I/O, winding systems, and supporting infrastructure. Our team provided continuous involvement across the project lifecycle—from design development through site execution, system finalisation, commissioning, and handover.
Oyu Tolgoi Shaft 3 and 4 Sinking Project (Mongolia) - GCR – RIO TINTO	Initially engaged to produce drawing packages and engineering deliverables for all above-ground power distribution, our involvement quickly expanded. We became embedded in the broader project, assisting the client with implementation and construction support
Snowy 2.0 Hydro (NSW, Australia) -HAHN ELECTRICAL	Completion of the electrical drawing package for the Winder Pilot Plant, used in the initial tunnel refurbishment works.
Syama Underground Power and Automation Project Syama Gold Mine (West Africa) - RESOLUTE MINING LTD	Complete electrical design and engineering deliverables required for the implementation of the Syama underground power and automation project.
Syama HV Upgrade Projects Syama Gold Mine (West Africa) - RESOLUTE MINING LTD	Complete electrical design and engineering solutions for the 11kV and communications upgrades across the Syama site, while also assisting in site management for the company's 225kV power line project.

PROJECT - CLIENT	PROJECT DETAILS
Tabakoroni Gold Mine Initiation Project (West Africa) -RESOLUTE MINING LTD	Complete electrical design and drawing package required for the site mining services facilities and camp infrastructure.
Syama P85 and Oxide Gravity Projects Syama Gold Mine (West Africa) -RESOLUTE MINING LTD	Complete electrical design and drawing packages required for process upgrades to the Syama Sulphide and Oxide gravity circuits.
Fixed Storage and Open Bulkhead Storage/Grain Handling Facilities (WA,Australia) -CBH GROUP	Complete electrical design drawing packages for the manufacture, construction, and refurbishment of both fixed and open bulkhead storage/grain handling facilities across the wheat belt of Western Australia.
Ridee Ganga Graphite Project Sri Lanka -MARGOSA GRAPHITE LTD	Ongoing support for this small mining project for over four years, including establishing camp facilities, general mining operations, site power distribution, and shaft winding systems. We anticipate this partnership will extend into major mining development and mineral processing
Kat Gap Gold Processing Plant (WA, Australia) -CLASSIC MINERALS LTD	Compete Design and Construction of Classic Minerals Gold Processing Piolet Plant. Engineering and Design, Site installation and Commissioning.



OUR TEAM

Our greatest resource. IPS Design is made of highly professional, dedicated, and adaptable people. Our team has extensive project experience and technical expertise in electrical and automation engineering across a range of industry sectors in the global market. Our team provides expert guidance and coordination during all phases of the project, ensuring projects are completed efficiently and to the highest standards.

We pride ourselves on a diverse and inclusive team that partners closely with clients to deliver beyond expectations—providing innovative, practical, and forward-thinking engineering solutions.

Our philosophy centres around nurturing strong client relationships through an innovative and collaborative team approach to projects. We aim to provide innovative, efficient, and sustainable solutions that address the complex challenges of modern industries. We prioritise creating authentic and meaningful connections to deliver extraordinary results by leveraging advanced engineering expertise, strategic practices and solid human relationships. Our management ensures every project exceeds client expectations, setting benchmarks for safety, quality and reliability.



MANAGEMENT



Ryan is the Founder, Director, and Business Development Manager of IPS Design, bringing over 20 years of global experience in electrical power systems and instrumentation engineering across the mining and industrial sectors. His expertise spans the entire life-cycle of engineering projects, including feasibility studies, detailed design, specification, construction, commissioning, and operational troubleshooting of electrical plants, mining infrastructure, and instrumentation systems.

Ryan has successfully led and delivered complex projects throughout Australia, Africa, and Asia, consistently demonstrating strong capabilities in on-site project execution and construction management. His technical proficiency encompasses high-voltage and low-voltage power systems, control systems, and instrumentation engineering, with a focus on reliability, safety, and regulatory compliance.

Through dynamic, strategic leadership and a steadfast commitment to technical excellence, Ryan fosters a culture of innovation, collaboration, and continuous improvement within IPS Design, empowering multidisciplinary teams to deliver high-impact engineering solutions.

OUR MISSION

Our mission is simple yet powerful: to solve problems, deliver value-driven engineering solutions, and make a meaningful difference. We act decisively, with integrity and precision—empowering industries through smart design, reliable systems, and a commitment to excellence.

WHY IPS

- Proven experience and distinguished reputation across high-demand sectors
- Customized, innovative engineering solutions
- Commitment to safety, sustainability and innovation
- Collaborative approach with clear, actionable and high-quality guidance
- Reliable and cost-effective service

CONTACT US

 (08) 6365 40 40
 info@ipsdesign.com.au
 www.ipsdesign.com.au
 Unit 2b 36 Irvine Drive
Malaga, Perth, WA, 6090

Let **IPS Design** be your trusted partner in powering the future of your operations.

