



OSTWALD STEELE
— ELECTRICAL PTY LTD —
EXPANDING SOLUTIONS

FINDING THE RIGHT MINING SOLUTION **FOR YOU**





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Over the past six years, Ostwald Steele Electrical Pty Ltd (OSE) has operated heavily across the East Coast of Australia as one of BUMA Australia's key partners through delivering high-quality professional trade labour, developing safety improvement products, efficiency solutions, and being utilised as the leading electrical contractor on various infrastructure projects within its operations.

Having developed and continually growing a solid team of value-driven professionals, OSE covers much more than just mining equipment maintenance. The company is known for its ability to resolve complex issues through 'Expanding Solutions' paired with the belief that anything is possible.

OSE's mission to provide elite maintenance trade services and industry solutions for mining, commercial, industrial, and residential operations and contractors is achieved alongside BUMA Australia and has played a huge part in the growth and diversification of OSE's services offered to BUMA and the wider industry.

Having diversified teams specialising in their own unique fields - mining maintenance, electrical contracting, and product R&D, OSE's team comprises multiple trades and industry-related talent, i.e., electricians, HD fitters and mechanics, auto electricians, refrigeration mechanics, servicemen, and apprentices. Externally, OSE partners with quality and value-aligning companies as a strength in its product development and infrastructure fields.

Having a permanent workforce allows OSE to invest in its people and their careers, resulting in a team of professionally developed tradespeople who remain consistent in innovation, quality, and efficiency while greatly assisting with closing the trade shortage gap by cross-training and upskilling its workforce in overlapping trade and industry fields.

MINING MAINTENANCE

OSE prides itself on machine availability and increasing companies' overall productivity.

What sets the company apart is knowing and understanding the value and importance attached to having a well-maintained and readily available fleet of equipment operating at maximum capacity on a consistent basis. Having internal targets clearly communicated to both the team and clients, OSE delivers results from the ground up, maintaining a smooth mining and production operation for every client.

Specifically, the company has a professional focus on electrical technology and equipment advancements across various industries and a solution focus on upskilling its workforce to align with the evolving needs of its clients. OSE invests heavily in cross-training electrical and mechanical fields, offering dual trade apprenticeships to ensure its people are as technically skilled and knowledgeable as possible on heavy equipment electrical adaptation. OSE is known for providing extra value to its client's maintenance operations and always maintaining a positive company culture.

With a deep understanding of defect management, machine schedules, and thorough preventative maintenance, OSE reliably ensures the highest level of maintenance for every mining fleet. With continuous advancement and innovation, the OSE team operates with the utmost attention to detail to achieve fast diagnosis and repair of any and all breakdowns, ensuring minimal downtime and protecting operational yield. With values that include the promotion of integrity and transparency, solutions and success, risk management and a safe environment, and the professional development of the people who encompass OSE, the company is set to be the leading global resource for professional trade skills and industry solutions within the energy sector.

PROTECTING PEOPLE WITH pLEV™

With silicosis currently playing a dominant role in mine workers' health deterioration, professional bodies, including the QLD mines inspectorate and regulatory bodies, identified an area of high exposure to hazardous respirable substances - the practice of cleaning fine dust from electrical components. After this discovery, OSE went searching for a solution to ensure the protection of its team and industry professionals.

Co-developed with Australia's leading air quality engineers Synergetics, the pLEV™ system (portable Local Exhaust Ventilation) is an air-operated cleaning system used to effectively clean electrical cabinets and components on electro-mechanical mobile plant and mining equipment.

pLEV™ can be adapted to most mining air cleaning tasks where dust exposure is a concern, including:

- Electrical cabinets
- Switchboards
- Electric motors
- Alternators
- MG sets
- Drive motors
- Grids



The pLEV™ system works by creating negative pressure-controlled environments in electrical cabinets. Dust is disturbed using the pLEV™ SmartLance and extracted safely and effectively using the pLEV™ Extractor.

pLEV™ Extractor is responsible for creating the negative pressure environment and the safe extraction of airborne dust. It has a dual-stage extraction fan that directs airflow through a HEPA-13-rated filtration system before then being released into the atmosphere as clean air. The portable extraction unit weighs under 14kg, is easy to work with and light to wear.

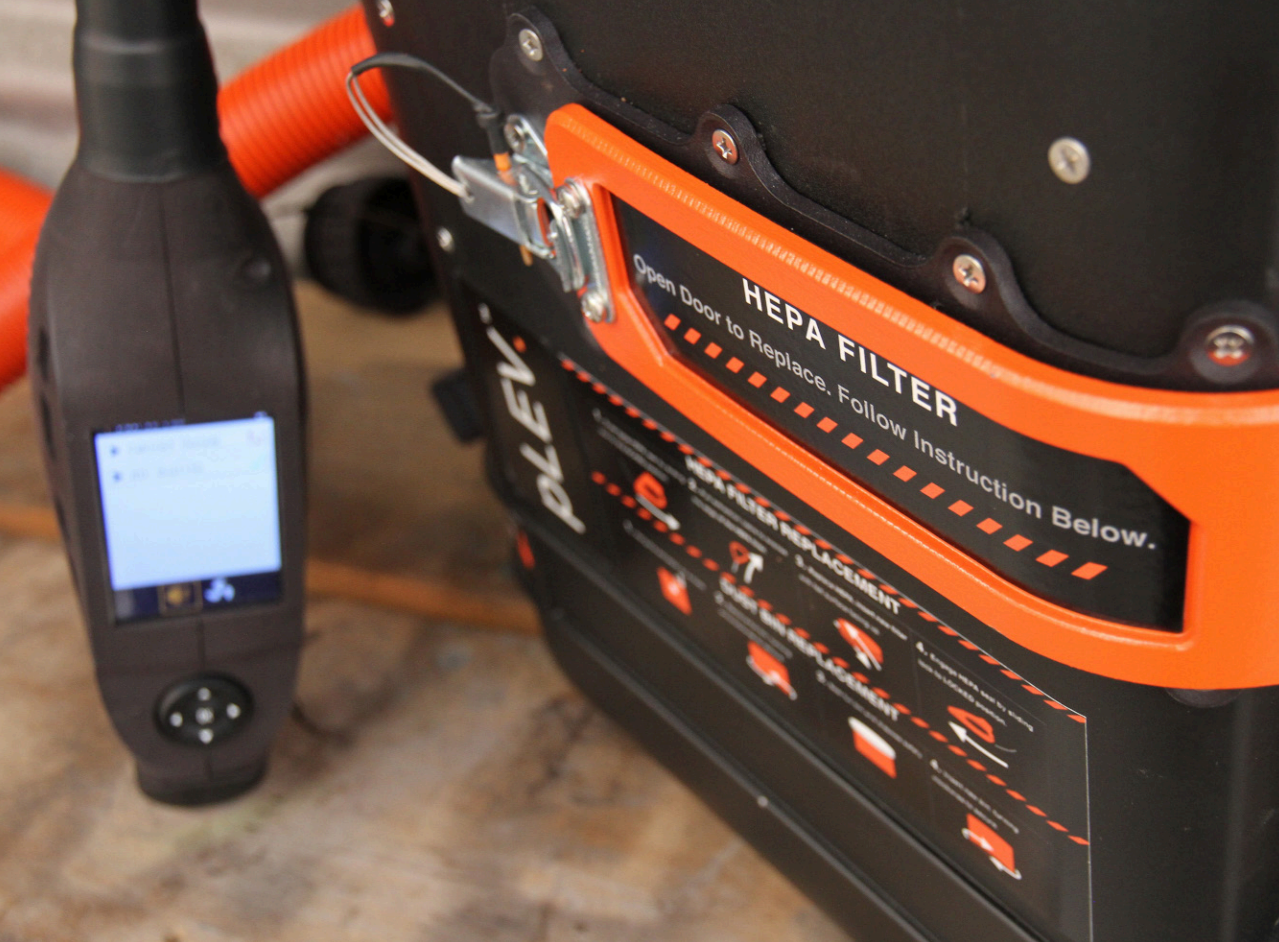
pLEV™ SmartLance HP (high pressure) enables the use of compressed air in the extraction environment. It features illumination, multivariable sensors for failsafe operation and optional cloud-based reporting. The SmartLance monitors particle exposure through air quality sensors with failsafe shutdown technology at the ready if an unlikely exposure event occurs. Negative pressure sensors are fitted to the SmartLances to prevent use outside the operational environment and to avoid accidental exposures.

pLEV™ SmartLance EX (exhaust) houses all the same safety and failsafe technology as the SmartLance HP but uses exhaust air directly from the Extractor to dislodge dust. Intended for use as a field unit, this air supply option allows for easier transportation due to the elimination of the need for compressed air.

pLEV™ Covers are lightweight, durable, and tailored to most common electrical cabinets and components. The covers are used to seal the cabinet to create a negative pressure extraction environment and minimising the risk of potential dust exposure. pLEV™ Covers are designed to give the operator a clear view of inside the cabinet so that they can see what they are cleaning.

The pLEV™ system improves the health and safety of all those who work daily in mining maintenance by preventing hazardous dust exposures that occur through traditional cleaning practices on electrical cabinets and components.





EXPANDING SOLUTIONS

At its core, OSE is driven by the purpose of expanding solutions, dedicating itself daily to the growth of skills, safety, and technical expertise among its team. With a forwardlooking approach, OSE has evolved its services to align with the global shift towards cleaner living, emerging as a leader in comprehending, maintaining, and repairing electro-drive equipment and technology across various industry sectors.

The company's commitment to sustainability is complemented by its investment in a permanent workforce.

This strategic choice not only fosters a team of consistently innovative and skilled tradespeople but also positions OSE at the cutting edge of technology. Through continuous research and development, OSE tackles challenges with a solution focused mindset, producing new technology and equipment that expands solutions and delivers optimal outcomes for clients.

The heart of OSE's success lies in its unparalleled expertise in maintaining operational fleets and enhancing machine availability through defect management, machine schedules, and preventative maintenance, thus boosting overall



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OSTWALD STEELE ELECTRICAL PTY LTD SERVICES

MINING AND INDUSTRIAL

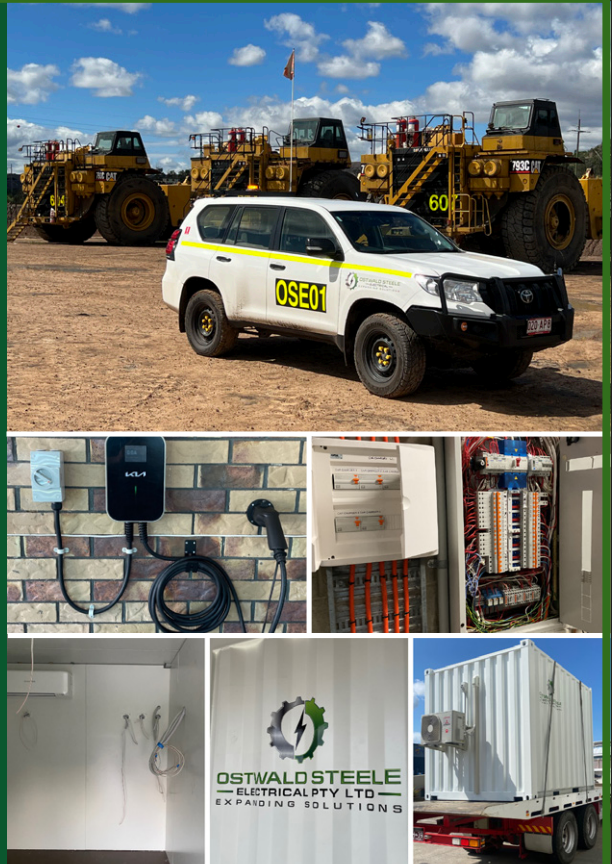
- OSE offers a comprehensive range of services to industrial and mining companies, including electrical infrastructure projects and electrical contracting to specialised mining equipment maintenance contracts.
- With nearly a decade of experience in mining and remote electrical work, the company confidently offers everything from basic electrical installations to complex electrical repairs and system upgrades including renewable energy options and standalone power gen systems.

COMMERCIAL

- OSE is a trusted provider of commercial electrical services, offering quality electrical installations, repairs, and maintenance for businesses of all shapes and sizes.
- With experienced and certified electricians on staff, OSE provides comprehensive and reliable electrical solutions to meet any commercial need.

RESIDENTIAL

- With expertise in lighting, power, maintenance, and smart home systems, OSE offers comprehensive solutions tailored for homes, sheds, and outdoor areas.
- Whether it's a new build, renovation, landscaping, or electrical upgrade, the team has the knowledge to bring any idea to life.



productivity for its clients. Internal targets, transparently communicated, serve as guiding lights, ensuring seamless mining and production operations. OSE's unique focus on electrical technology advancements, workforce upskilling, and cross-training amplifies the company's commitment to staying ahead in the ever-evolving landscape of technology and safety standards.

In response to the industry-wide challenge of silicosis and OSE's commitment to protecting people, OSE collaborated with partners, including Synergetics, to pioneer the groundbreaking pLEV™ system. This portable Local Exhaust Ventilation system redefines safety standards, offering a meticulous solution for cleaning electrical cabinets and components, vastly minimising the risk of hazardous mining dust exposure from these tasks. Components like the pLEV™ Extractor, SmartLance HP, SmartLance EX, and Covers truly showcase OSE's dedication to health and safety advancement.

OSE's journey is marked by the cultivation of a team of value-driven professionals, a testament to its commitment to 'Expanding Solutions' and fostering a positive company culture. This ethos propels the company beyond the confines

of mere mining equipment maintenance, positioning it as a leader in resolving intricate challenges with an unwavering belief in the attainability of anything. OSE's scope now spans mining, commercial, industrial, and residential sectors, made possible by a permanent workforce committed to unwavering innovation, quality, and efficiency.





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