EMF

CAPABILITY STATEMENT

EMPOWER | SUPPORT | SUSTAIN

AAA CERTIFIED Quality ISO 9001
Ashburton Assurance Australasia
License No. 610035
Issued to:
EMF (WA) Pty Ltd

AAA CERTIFIED Safety ISO 45001
Ashburton Assurance Australasia
License No. 610035
Issued to:
EMF (WA) Pty Ltd

108A Furniss Road, Landsdale WA 6065
08 9303 2358 admin@emfwa.com.au www.emfwa.com.au

ABOUT US

EMF is a Western Australian-based company providing engineering and access solutions to the mining, construction, energy, oil, and gas industries. EMF specialises in the repair, maintenance and construction of plant and equipment as well as the provision, installation and removal of scaffolding and rope access services.

*We specialise in the **repair**, **maintenance** and **construction** of **fixed** and **mobile** plant equipment for the **resources** and **energy** sectors.*

Empower, support and sustain are three fundamental values that EMF upholds to provide a high-quality standard for our employees and clients. These values help us create a positive work culture, build strong client relationships, and contribute to the company's success.

EMF holds certifications for ISO 9001 and ISO 45001, which testify to our dedication to excellence in our processes and occupational health and safety practices. These certifications ensure that we adhere to international standards for quality management systems and demonstrate our proactive approach to ensuring a safe and healthy working environment for our employees and stakeholders. This commitment enables us to consistently provide services that meet or exceed customer expectations.

OUR DIVISIONS

- ENGINEERING
- MACHINE MAINTENANCE
- CONSTRUCTION
- SCAFFOLDING
- EMF
- WORKSHOP SERVICES
- ROPE ACCESS
- METAL STITCHING
- METAL RESTORATION

OUR TEAM

*Our managing team bring extensive expertise with over **100 years of collective experience**.*

Our managers are widely respected throughout multiple industries, and their leadership has enabled us to establish strong partnerships with leading manufacturers and suppliers. This ensures that we are able to provide our clients with the latest and most advanced products available, as well as expert guidance on how to implement them effectively.

Furthermore, as active members of various industry associations and organisations, we are able to stay up to date with the latest trends and best practices in our field, allowing us to continuously improve our services and deliver the highest level of quality to our clients.

HEALTH, SAFETY, ENVIRONMENT & QUALITY

At EMF, we believe that investing in our employees is key to maintaining a high level of expertise and professionalism while promoting diversity, equality, and the community. Our team is made up of highly skilled personnel, and we are dedicated to providing continuous improvement and upskilling opportunities to all staff, to ensure that they feel empowered and supported in their professional development. Our commitment to specialist outfitting for our clients is unwavering, and we emphasise our core values of empower, support, and sustain in all aspects of our business.

Our commitment to sustainability is reflected in our everyday business practices, where we uphold effective, efficient, and sustainable practices to minimise our impact on the environment and promote a sustainable future for all communities. Our goal is to preserve the environment for future generations, and we guarantee compliance on all projects.

We prioritise the safety and well-being of our employees, providing a safe and inclusive work environment that promotes equality and diversity, and we have implemented a standalone Safety Based System that is utilised by all personnel. This system includes valuable tools for inspections, risk assessment, hazard identification, and incident reporting, ensuring that our clients have peace of mind, and that EMF is a leader in workplace health and safety.

PROTECTING OUR PEOPLE

At EMF we pride ourselves on our ability to incorporate workplace safety into all facets of our business. From our workshop, to one of our many sites, whether FIFO or residential based, our focus is to ensure all measures are in place to protect our valued employees from any and all hazards by identifying, assessing and controlling any high-risk activities.

*Working as **one**, going home as **one**.*

EMF'S SAFETY COMMITMENT

EMF is committed to achieving a safety culture aspiring to ***ZERO HARM***, through continuous improvement of safety systems and procedures as well as leading from the front. Our core standards are applied to all activities undertaken by EMF employees and must be promoted and supported by all employees at all levels, including EMF's Leadership Team, as we are strong believers of leading from the front.

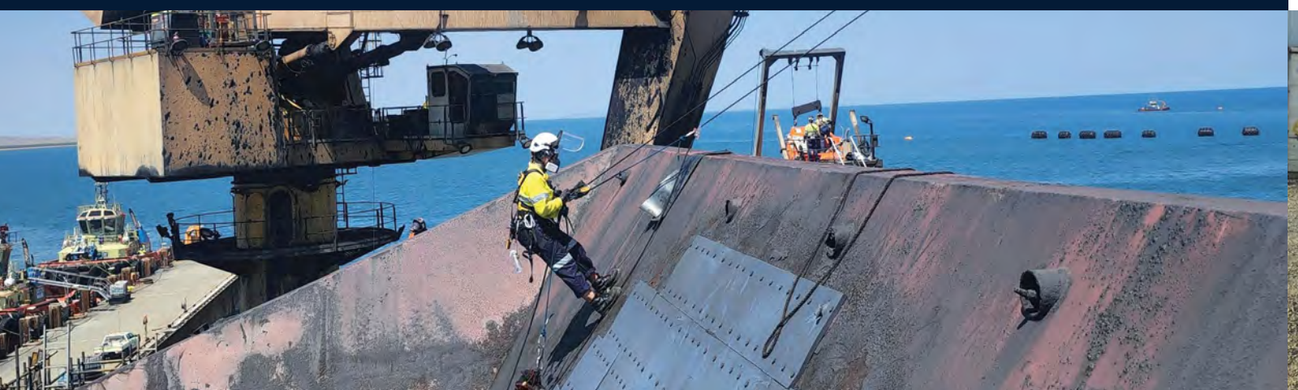
The Leadership team at EMF are firmly committed and are pro-active in ensuring a safe working environment on all projects. Zero Harm, as a goal, is about continuous improvement and at EMF it is based on seven fundamental principles:

1. All employees at all levels are to be fully aware of their responsibilities and duty of care for their safety and the safety of their co-workers.
2. Injuries and incidents are preventable by taking the time – at EMF we say, "Take 5 to save lives".
3. No task is that important to be done without thinking – "If it can't be done right, don't do it at all".
4. Identify all hazards and manage risks associated with them.
5. Health and safety performance shall always be reviewed and improved.
6. Provide feedback to employees regarding their successful contribution to safety through our Team Player of the Month Program as well as our Incident and Injury Free Incentives.
7. Communicating up-to-date information and relevant procedures and practices so they are always ahead of the curve within the industry.

The Zero Harm goal can only be achieved through the safety awareness and commitment of all employees including the Leadership team.

The Leadership team at EMF is committed to the ***empowerment*** of all employees, such that any employee may report an unsafe condition, hazard, and/or unsafe act without fear of blame reproach. At EMF we have a ***NO BLAME CULTURE*** – we want to learn from events to ensure we improve and set our team up for ***success***.

We believe that greater employee involvement and participation will result in the achievement of a Zero Harm workplace, improved productivity and a higher quality of work.



OUR CORE VALUES

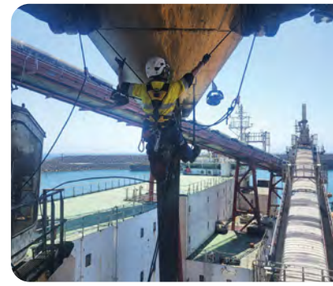
Here at EMF, we firmly believe that our exceptional team is the driving force behind our success. Our core values revolve around each member's dedication and passion, creating an inspiring and collaborative work environment. We would like to share what our core values mean to us:

EMPOWER

At EMF, we deeply believe in the strength of empowerment. We promote an inclusive and collaborative environment where every team member is encouraged to unleash their potential, take initiative, and make meaningful contributions. By empowering our employees, we cultivate a culture of trust, creativity, and personal growth, enabling us to deliver exceptional service.

SUPPORT

Support is at the core of our values at EMF. We are committed to delivering exceptional support to our clients, going above and beyond to meet their unique needs. Whether it's providing expert guidance, resolving issues promptly, or offering ongoing assistance, we are dedicated to ensuring client satisfaction. Internally, we foster a supportive workplace that values teamwork and continuous learning, ensuring that every individual feels supported, driven, appreciated and equipped to excel in their roles.



SUSTAIN

At EMF, we are committed to building lasting and sustainable relationships with our clients. We strongly believe in maintaining a positive outlook and consistently surpassing their expectations. Our approach is rooted in the principles of open communication, honesty, support, and resolution, which are essential for strengthening trust and long-term collaboration. Our leaders are dedicated to sustaining a positive work culture and recognising the contributions of our team by setting an example for others to follow.

OUR LEADERSHIP TEAM

ROYCE DOUTCH

DIRECTOR

In 2016, Royce co-founded EMF (WA) Pty Ltd, demonstrating his business development and management abilities. Royce has a background in mechanical fitting, with strong leadership capabilities working in the mining, construction, and resources sectors. He has a diverse range of expertise, including mills, fixed rotating plant, workshop rebuilds, bearings services, and laser alignment.

MITCHELL BRADLEY

MECHANICAL OPERATIONS MANAGER

Experienced engineering leader with a focus on the resources sector. Proven success in managing high-performing teams, strategic planning, budgeting, talent development, and promoting sustainability. Results-driven with a passion for driving innovation in engineering operations. Extensive experience in project management and stakeholder engagement.

ROBERT BROOKE

ACCESS MANAGER

Robert is an experienced access manager with a strong reputation for effectively scoping and managing projects. He has a talent for identifying safe, cost-effective solutions, and his project management abilities ensure the timely delivery of high-quality work.

WARREN SPOONER

ACCESS OPERATIONS MANAGER

As a skilled professional in the access solutions industry, Warren oversees daily operations and maintains high standards in plan execution. He places a strong emphasis on safety and has successfully led diverse teams through complex projects across multiple industries.

PAUL SORENSEN

AREA MANAGER

Paul is an accomplished Manager in construction and mining with a strong background in access solutions and over 20 years of experience. He excels in managing large teams in maintenance, shutdowns, and projects, and is adept at adapting to new challenges to achieve optimal results.

PAUL REBELO

BUSINESS DEVELOPMENT MANAGER

Paul, an adept strategic consultant, excels in guiding SMEs to boost their business through effective scaffolding division strategies. With a proven track record of driving substantial revenue growth via strategic partnerships, he is committed to nationwide expansion. Paul's talent lies in identifying opportunities, crafting robust strategies, and delivering tangible results, showcasing notable leadership in business development and strategic planning.

GLOBAL EXPERTISE

*We work with **world leading** brands both in **Australia** and **internationally**.*

AngloGold Ashanti
CITIC Pacific Mining
WesTrac CAT
maca
SIEMENS
UGL
SKF
GE Energy
TAMS
MAN Energy Solutions
Monadelphous
Outotec
Mineral Resources
eDL
Water Corporation
SIMPEC
QETRA
CPB Contractors
OE Global
PROGRAMMED

SCAFFOLDING

We offer a complete range of ***quality scaffolding services*** *in* ***Australia*** *and* ***internationally****.*

At EMF, we offer an extensive range of scaffolding solutions for projects of all sizes, both locally and internationally. Our knowledgeable and experienced team ensures the highest quality of service in the industry.

We prioritise safety by implementing effective risk-mitigation procedures to prevent incidents and injuries. With many years of experience serving the mining, energy oil and gas, marine, and commercial industries, our expert management team delivers exceptional scaffolding services.

Our in-house design team creates tailored scaffolding solutions to meet your needs, timeframe, and budget, resulting in increased efficiency during assembly and disassembly, ultimately reducing construction, shutdown, and maintenance operation times.

SCAFFOLDING PROJECT MANAGEMENT

EMF's scaffolding project management service ensures safe and efficient project execution. Our experienced team collaborates closely with clients, offering comprehensive scaffolding solutions that improve safety, save time, and reduce costs. Operating both locally and globally with leading technology and extensive experience, our expert guidance guarantees efficient and effective operations, allowing your team to work at heights safely.

CONSTRUCTION SCAFFOLDING

With a focus on safety, efficiency, and adaptability, our scaffolding solutions support the successful execution of diverse construction challenges and meet the unique requirements of each client and project. Our skilled team employs cutting-edge technology and adheres to industry best practices to ensure safe working environments for construction personnel. We offer a versatile range of scaffolding solutions, from traditional tube and fitting systems to advanced modular configurations. Our commitment to precision and compliance exceeds regulatory standards, ensuring seamless integration from concept drawings to reality. Trust in our scaffolding expertise to elevate your construction project to new heights, both figuratively and literally.

SHUTDOWN SCAFFOLDING

EMF provides comprehensive shutdown scaffolding services for industrial facilities, enabling safe and efficient access to plant and equipment during critical maintenance periods. Our experienced team excels in challenging environments such as mining, energy, construction, and oil and gas refineries, delivering reliable and effective solutions. Equipped with advanced technology, we prioritise minimising downtime and meeting budget constraints without compromising safety. We help our clients achieve their operational goals safely and efficiently, instilling trust in our expertise for successful shutdowns.

MAINTENANCE SCAFFOLDING

Our Access division provides comprehensive scaffolding services for maintenance teams, ensuring seamless operations. Our highly skilled team collaborates closely with maintenance and operations teams to minimise downtime, reduce costs, and meet project deadlines. Our commitment to safety and efficiency ensures that we deliver the highest quality service, and provide a safe and secure working environment. Trust us for scaffolding expertise to keep your operations running smoothly.

DESIGN & ENGINEERING

In our Access division, we are dedicated to offering exceptional scaffolding services to our clients. Our expert technical team uses cutting-edge technology to create accurate scaffolding drawings, allowing our clients to visualise their requirements and estimate project costs with precision. Recognising the importance of safe and reliable scaffolding in the Industrial and Construction sectors, we are dedicated to delivering trustworthy, high-quality scaffolding services to bring our clients' visions to life.

ROPE ACCESS

*Versatile **rope access** capabilities for a **range of work environments**.*

At EMF we specialise in providing professional rope access services that efficiently and safely cater to a wide range of industrial and commercial tasks. With our highly skilled and certified rope access technicians and commitment to excellence, we are equipped to handle various industrial challenges.

Our diverse capabilities stem from the versatile nature of rope access itself. Unlike traditional access methods, rope access allows us to access difficult-to-reach areas with minimal disruption to operations. This not only saves time and money but also ensures exceptional quality of work.

Whether it involves inspection, maintenance, repair, or installation, our team is well-equipped to conduct a wide range of industrial tasks using rope access techniques. Some of our key capabilities include:

MAINTENANCE & REPAIR

We have the expertise and tools required to carry out efficient maintenance and repair work, including liner replacement, parent metal repairs, structural repairs, and coatings, among others.

INSPECTION

Our skilled technicians can perform detailed visual inspections of structures, pipelines, and equipment, identifying any defects or signs of deterioration promptly, allowing for timely repairs and maintenance.

RIGGING

Our qualified teams are experienced in setting up secure rigging systems for lifting, rigging, and moving heavy equipment or materials.

SURVEYS & NON-DESTRUCTIVE TESTING

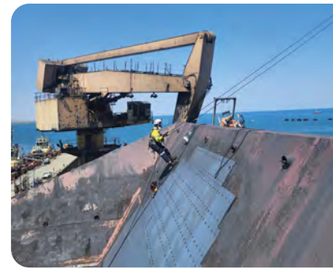
We offer comprehensive surveying and non-destructive testing services, ensuring accurate assessment, analysis, and evaluation of materials, structures, or machinery.

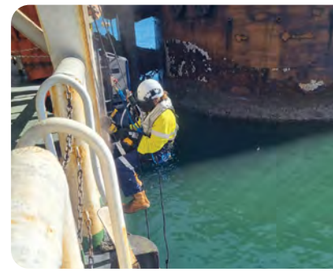
INSTALLATION

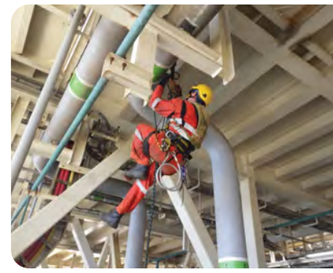
Our rope access technicians can safely and efficiently install anchorage points, signage, cladding, lighting fixtures, and equipment to elevate safety and functionality.

RESCUE SERVICES

Our personnel are trained in emergency response and rescue techniques, ensuring the safety of workers in challenging access situations, should the need arise.







MACHINE MAINTENANCE

*We help those in the **mining** industry, **heavy machine** industry, or any other industry both locally and globally with **expert machine maintenance**.*

Our services include mining maintenance, scaffolding, and shutdown maintenance. We also provide rotating plant maintenance, machine rebuilds, breakdown maintenance, bearing services, and casting repairs.

When running a business, assessing and prioritising equipment is important. Especially when it comes to economizing maintenance costs. Our goal is to develop a maintenance strategy, using a combination of maintenance solutions. This includes predictive maintenance, preventive maintenance, corrective maintenance, and breakdown maintenance.

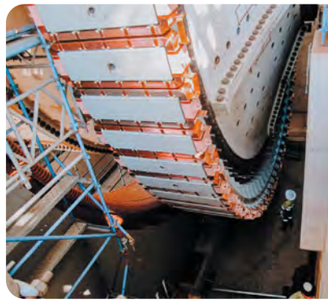
Our process works by reserving maintenance budgets for assets of high value. This usually requires preventive maintenance. Thus, running nonessential equipment until failure applies to breakdown maintenance.

BREAKDOWN MAINTENANCE

Our breakdown maintenance process involves consolidating downtime, limiting staff, and lowering maintenance costs. We also cut costs by evaluating and revising our maintenance strategy.

Every moment of downtime costs a mining operation, heavy industry firm, or construction company money. We ensure that downtime is kept to a minimum. We do that by performing emergency servicing. We also offer routine maintenance on heavy equipment, mining equipment, and machinery.

GEARLESS MILL DRIVE



We use GMDs to end the need for bolt-on mechanical components like pinions, couplings, ring gears, and gearboxes. Offering unrivalled efficiency, durability, and availability while reducing operating costs. Other advantages include higher-capacity productions, using low-grade ores, and deploying digital solutions. Powered by automation and big data, digital processes allow for more sustainable operations. Not only does this help optimize productivity, but it also reduces carbon emissions.

LASER ALIGNMENT

EMF provides quality and reliable Laser Alignment services and solutions for the mining, oil and gas and heavy industry. Our specialists have the knowledge and expertise to ensure that your machinery is properly aligned and operating at peak efficiency. Our team of certified technicians use state-of-the-art laser alignment technology to accurately measure and adjust the alignment of your equipment, reducing downtime and increasing the lifespan of your machinery.

ROTATING PLANT MAINTENANCE

Most manufacturing processes will need rotating equipment in the process. We provide support for rotating plant equipment, like pumps, crushers, grinding mills, reciprocating compressors and steam turbines. This ensures you reduce downtime to prevent production loss.

BEARING SERVICES

EMF offers mechanical solutions like bearing services at competitive pricing. Our integrated engineering services begin at the primary stage and end with 100% customer satisfaction. We boast advanced technical knowledge, speedy turnaround time, and affordable rates.

METAL STITCHING

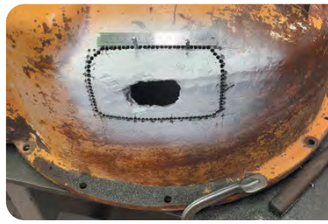
*Precision **metal stitching** and **high-grade machine maintenance**.*

METAL STITCHING

Metal stitching enables us to repair a fracture or hole permanently without the use of welding. We replace the damaged metal with special stitching pins that allow us to draw the sides of the fracture together through a process of drilling and tapping.

In some cases, we introduce stitch and drill in a precise pattern with special fixtures to reinstate the casting to its original integrity. These stitches are driven in after the custom template is created, which strengthens the repair even further.

The metal-stitched area is gas and moisture-tight. Metal stitching also absorbs compression stresses and disperses the load away from the original point of fracture, while keeping the original surfaces aligned.



METAL STITCHING METHOD

The metal stitching method is most often used on cast iron, but it can be used on any machinable metal, including ductile iron, steel, aluminium, and bronze.

If welding has failed, we may be able to remove the damaged area and stitch in a new piece. We use the latest machining equipment and techniques so we can handle challenging projects and repair components with wall thicknesses of up to 300mm.

We can also provide non-destructive testing, high-grade manufacturing, and specialist thread repair. Metal stitching may be done on or off-site to suit your company and circumstances.

GENERAL WORKFLOW

Inspect component to identify fractures	Select repair	Repair options	Carry out repair	Final machining
• Non destructive test (NDT) usually magnetic particle inspection (MPI).	• Based on fracture size (length and depth), material thickness and composition, structural rigidity. • Time allowed for repair. • Reinforcing requirements.	• Metal stitching size – 5 sizes available. • Oversize or custom stitch – this is used on larger fractures and usually we will still include the standard metal stitching in between.	• Repair is carried out by experienced personnel, with specialized tooling and the highest quality material.	• Where identified, final machining will be carried out to ensure it meets required specification.

CONSTRUCTION

*We provide **expert labour** to construct and install **fixed rotating plant** with **exceptional precision**, as well as the specialised **tooling** and **equipment** needed.*

FIXED ROTATING PLANT INSTALLATION

Here at EMF, we specialise in the construction of rotating plant for a variety of industrial applications. Our team has extensive experience in designing, engineering, and constructing rotating equipment, including mills, kilns, and crushers. We have the expertise to handle all aspects of the project, from initial concept development to final installation and commissioning.

We take pride in delivering projects on time and on budget, while maintaining the highest standards of quality and safety. Our capabilities include the fabrication of steel structures, the installation of mechanical components, and the integration of control systems.

We use the latest technologies and equipment to ensure that our projects are completed efficiently and effectively. Our team is dedicated to providing our clients with the best possible service, and we strive to exceed their expectations with every project we undertake.

EMPOWER | SUPPORT | SUSTAIN

108A Furniss Road, Landsdale WA 6065 08 9303 2358 admin@emfwa.com.au www.emfwa.com.au