

IVAN LONG

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Guaranteeing Safety, Reliability & Efficiency of Heavy Equipment & Special Vehicles

18+ years' solid experience in the installation, maintenance, testing and repair of diesel engines and heavy-duty vehicles and machines used in the farming/agriculture, mining and construction sectors, including but are not limited to: loaders, graders, excavators, skid steers, float trailers, rock crusher, track bulldozer, grain trucks, prime movers and service vehicles. Expert trouble-shooter with high ability to pinpoint and recognize errors down to component level to avoid time and cost expenditures. Acknowledged for dedication, loyalty, team-oriented attitude and unflagging commitment to workplace safety. Hardworking and physically fit and able to meet pre-employment medicals and drug and alcohol screening.

Core Competencies Gained through Professional Experience

Major Assembly & Disassembly | Heavy Equipment, Mobile + Fixed Plant | Preventative Maintenance
Repairing / Fitting Components | Inventory Control | Work Documentation | Customer Service | Quality Control
Fault-Finding & Root Cause Analysis | Diagnostic Testing & Troubleshooting | Blueprint & Drawing Interpretation
Occupational Health & Safety (OHS) | Staff Training & Supervision | Analytical Problem Solving

KEY SKILLS & ATTRIBUTES

- **In-depth knowledge and solid experience** maintaining, diagnosing and repairing a variety of electrical mechanical, pneumatic and hydraulic systems.
- **Proficiency in executing cost-effective preventive maintenance programs.** Able to boost machine availability and uptime, slash emergency breakdowns and maintenance costs, and increase life expectancy of various equipment.
- **High ability to read and interpret machinery schematics,** operating instructions, manuals, drawings, specifications, codes and regulatory requirements. Capable of maintaining accurate records of work performed.
- **Extensive understanding of occupational hazards** and the applications of safety precautions, taking reasonable care of own health and safety and that of others in the workplace.
- **Deploy a standardised method to efficiently pinpoint the root causes of failures.** Carry out fault-finding, root cause analysis and accurate documentation in order to minimise risk of failure and reduce equipment downtime.

PROFESSIONAL QUALIFICATIONS, LICENCES & TICKETS

Certificate III in Automotive Mechanical Technology, Specialising in Agricultural Machines (2008 – 2012)

Certificate II in Automotive Mechanical Technology, Specialising in Air Conditioning (2011)

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| • Car Licence /Motorcycle | • EWP / Working at Heights |
| • Current Refrigerant Handling | • Working in Confined Space |
| • White Card OHS Licence & First Attack Fire | • First Aid Training- current |
| • Heavy Rigid (HR) Truck | • 4x4 Training |
| • Forklift | • Boat licence |

- BHP Inducted
- FMG Inducted
- Glencore Inducted
- NRW Holdings Inducted
- BMA Inducted
- South 32 Inducted
- Rio Tinto Gove inducted
- MRL WA Inducted
- Core Lithium Inducted NT
- Whitehaven Coal Inducted

PROFESSIONAL EXPERIENCE

VDS Field Service Mechanic/ Shutdown Mechanic

March 2025 – Current

VERSATILE DIESEL SERVICES PTY LTD – Cairns Qld and SA

Versatile Diesel Services provide mobile field service operations in mining, civil, marine and agriculture machinery throughout Qld, SA and NT. My position is to ensure all work that is completed to the client's satisfaction on time, and finished to a standard that the machinery is ready for work with minimal breakdowns. Continued site supports for CAT, Hitachi, Komatsu, Leiber, Kenworth, John Deere, JCB, Kobelco and many more brands of machinery.

Recently finished some time with Whitehaven coal in Bowen basin working on 793F, 797F Trucks with major overhaul of all components changed out on hours and breakdowns. We also have completed time with BUMA at Goonyella mine with fleet of 930E Komatsu truck, 785, 793, 789 trucks and water cart repairs.

- Diagnostic work in field service, fault finding in electrical systems, Air systems, Hydraulic Systems, hydrostatic systems and Air conditioning systems
- C175 Engine change outs, diagnose of engine and normally running, power pack piston and liner changeout, fault finding electrical systems
- 797, 793, 785, 777, 775 Cat truck experience on all component changeouts and full rehosting, Valve sets completed on service
- Dozer D10T2, D10T, D11T, D11R, D11 fusion component change outs, diagnosing hydraulic and electrical faults
- Grader 24M, 18M, 140M repairs and diagnose of faults with valve sets completed on services
- Engine work, C175, C32, C27, C18, C16 engine work on machinery, full engine midlife work, component change out work, Diagnose and repair electrical fault.

PMG Field Service/Shutdown Mechanic

January 2023 – March 2025

PREMIUM MECHANICAL GROUP- Perth WA as FIFO

PMG Field Service and Shutdown Mechanical Technician in the WA base of the Pilbara to all major mine sites, working alongside FMG at Christmas Creek, Cloudbreak and Solomon mine sites for major shutdown, mechanical repairs and component change outs. Also including engine tune ups where the client is needing professional mechanical expertise, and overhaul of hydraulic systems after diagnosing faults with failed parts. Full machine shutdown work and component rebuilds ready for the client to send back into operation.

- Diagnostic work in field service, fault finding in electrical systems, Air systems, Hydraulic Systems, hydrostatic systems
- Extensive knowledge throughout a wide range of earthmoving products
 - Liebherr products 9150, 9250, 9400, 9600, 996 and 9800 Diggers, Dozers, Large frame Trucks

- Cat Products, Graders from 12M to 24M, All Dozers from D4 to D11T2, All diggers from .5t up to 6090 Large frame machines O&K RH340 machines, Loaders very small up to 994K models, 725 Moxly to 793F trucks, Cat Forklifts
- Pit Viper 271 Full machine rebuilds, component change out and machine setup
- Hitachi Products, ZX26-5 to large frame EX5600 machines
- Work within a team environment and crew on a FIFO roster as required
- Adhere to Occupational Health & Safety (OHS) regulations, Environmental Standards and applicable policies and procedures.
- Respond to equipment downtime calls in a timely fashion demonstrating flexibility in working a variety of schedules.

Diesel Fitter -Field Service Remote Technician

December 2021 – December 2022

HASTINGS DEERING Darwin- NT as FIFO,

Hastings Deering NT Branch

Hastings Deering as FIFO, fitter field service remote technician Darwin Hastings Deering NT

- Oversee the execution of scheduled and unscheduled maintenance of a fleet of earth moving machines that include the following:
 - Excavators/Diggers (CAT 312 and up digger repairs, Shutdowns)
 - Graders/Dozers (12M,14M,16M, 18M,D10T,D11T,D8,D6)
 - CAT Front end loaders (960,980,988) o Dump Trucks (777D,777G,789D)
- Ensure availability and reliability of machines by developing effective preventative maintenance schedules and conducting fault-finding on all major breakdowns.
- Follow procedures including Job Hazard Assessments, SLAMS, technical assistance reports, CAT systems
- Experienced with CAT ET/CAT SIS Programs, provide technical support for onsite repairs.
- Work within a team environment and crew on a FIFO 8/6 Roster into Darwin NT

Diesel Fitter / Mechanical Site Supervisor

February 2019 – December 2021

HUGHES MINING & LABOUR HIRE – NRW Projects:

South Flank BHP Mine- WA
 Olympic Dam BHP Airport Upgrade -SA
 Roper Bar NRR Mine -NT

- Oversee the execution of scheduled and unscheduled maintenance of a fleet of 60 earth moving machines that include the following:
 - Excavators/Diggers (CAT, Komatsu, Hitachi, Kobelco)
 - Graders/Dozers (12M, 14M,16M, D6 up to D10T)
 - Hitachi large diggers (up to EX1900)
 - CAT loaders, CAT small loaders (980, 988, 992)
 - Dump Trucks (745, 775, 777D,785B-F)
 - A lot of civil equipment
- Ensure availability and reliability of machines by developing effective preventative maintenance schedules and conducting fault-finding on all major breakdowns.
- Follow procedures including Job Hazard Assessments, Take 5's & Pre-Starts.

- Experienced with CAT ET/CAT SIS and Hitachi, Komatsu, Cummins and Bell Programs.
- Working within a team environment and crew on a FIFO 2/1 Roster.

Service Manager / Head Technician

October 2015 – February 2019

SCHWARZ EXCAVATIONS & CIVIL PTY LTD

Lobethal, SA

- Oversee the execution of scheduled and unscheduled maintenance of a fleet of 35 earth moving machines that include the following:
 - Caterpillar
 - Excavators
 - Loaders
 - Graders
 - Float Trailer
 - Service Vehicles
 - Prime Movers
 - Skid steer
- Ensure availability and reliability of machines by developing effective preventative maintenance schedules and conduct fault-finding on all major breakdowns.
- Regularly inspect machines to identify hazards that may endanger the quarry staff and monitor inventory of tools and spare parts, while keeping all records and document updated daily.
- Minimise incident of failure and breakdowns by facilitating root cause analyses investigations.
- Consistently attain a zero-accident record by enforcing safety procedures, including pre-operation inspections, recommending evacuation or maintenance of dysfunctional units, and identifying and reporting potential hazards.
- Enforce strict adherence to Occupational Health & Safety (OHS) regulations, the Company Handbook, Environmental Standards and applicable policies and procedures.
- Respond to equipment downtime calls in a timely fashion demonstrating flexibility in working a variety of schedules including normal and after-hours service calls.
- Operated a Rock Crusher in the quarry in a safe and efficient manner. Inspect, clean and perform operator-level maintenance in accordance with operating standards.
- Handle various human resources functions including coaching and mentoring team members, inducting new staff on safety policies and equipment operations, and developing effective resource plans and staff rosters to meet the agreed service commitments to internal teams across the business.

Diesel Mechanic / Field Service Technician

March 2008 – October 2015

ROSENBERG MACHINERY GROUP / GAWLER FARM MACHINERY (John Deere Dealership)

Roseworthy, SA

- Completed Diesel Mechanic Apprenticeship and progressed into Field Service Technician performing diagnostics on a range of John Deere heavy farming equipment. Included determining the required repair and advising customers of replacement parts as necessary.
- Performed pre-delivery inspections of new and used equipment and Croplands Sprayers. Ensured components and materials were inspected and correct to specifications to ensure timely delivery programs.
- Analysed and interpreted multiple electrical diagrams to include blueprints, engineering documentation and schematics in installing electronic technology to equipment (new and used).
- Guaranteed that all final verifications specified in work instructions, scope of work, verbal communication and specifications were carried out and completed.

- Perform all work in a safe manner complying with all applicable safety rules, regulations and procedures to carry out all tasks in a way to protect self, clients and fellow employees.
- Ensured accurate and timely submission of reports and technical documents, including service reports.
- Interpreted, reviewed and examined electrical reports, job work orders, drawings, schematics and blueprints to confirm quality of output.
- Diagnosed errors and technical problems and conducted component-level fault-finding to determine appropriate solutions.
- Maintained strong customer loyalty through on-time service, professional contact, timely and generous communication, accurate processing of paperwork, and effective resolution of identified problems on first contact.

ACTIVITIES

As a motorcycle enthusiast I have competed successfully as a junior and then senior in Motocross, Supercross, Enduro, Off-Road and Desert racing at State and National level.

- Finke Desert Race NT successful competitor and on podium
- Don River Dash Qld x 2 – 1st outright 2025
- SA Off Road Champion x 5 years
- Australian Off-Road title in 2010.
- Competed in Desert Racing (WA, SA, Qld, NT, Vic) over the past 12 years, finishing on multiple podiums.
- Selected for SA Team for Australian Four Day Enduro (A4DE) multiple times.
- Member of Cairns Motorcycle Club and volunteer track preparation and maintain their earthmoving equipment.
- Continually improve my mechanical skills by maintaining and modifying my own machine for competitive racing.
- Motorcycle Coaching & Mentoring provided to juniors and seniors.

REFERENCES

Sam Chapman | Director & Head Mechanic – Chapman Heavy Mechanical-SA | Mob: 0438 824 406

Aaron Hughes | Business owner – Hughes Mining and Labour Hire | Mob: 0467 671 748

Sarah Mulcahy | Premium Mechanical Group – Coordinator WA | Mob: 0418 718 466