

GRAHAM MANUEL

Address: 73 Weetwood Street, Toowoomba, 4350
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QUALIFICATIONS:

2009 Certificate 2 in Automotive Air Conditioning
2008 Certificate 3 in Engineering Mobile Plant and Heavy Diesel (Heavy Diesel Fitter)
1999 & 2003: Oxy, Arc, MIG welding TAFE course

Computer Skills:

- Excel (VBA Programming)
- Wildfire 3D Modeling
- Caterpillar SIS System
- Word
- Matlab
- SAP
- Power Point
- JDE
- Pronto
- Autocad 2D Drawing
- Ansys FEA

CERTIFICATES AND LICENCES:

- Dept Transport licences – Open, HR, R, UD
- Non slewing crane (25 tonne Franna)
- Coal mine generics (Standard 11)
- Senior First Aid
- Forklift licence
- Pilot/Escort Vehicle licence
- Blue Card (construction industry)
- Engineers Australia Student Member

MACHINERY WORKED ON AND SKILLS

- Shutdown work on both Bucyrus 495 electric shovel and Liebherr 996 excavator
- Redesign of the rock ejectors on the Liebherr T282C dump truck to stop bending and downtime
- Detailed maintenance and servicing on a wide variety of mining equipment including, but not limited to, D11 Cat bulldozers, 785D Cat dump trucks, 992G Cat wheel loaders, EX2500 Hitachi excavators
- Redesign the Preventive Maintenance Service sheets of all Caterpillar earthmoving equipment - write BOM (Bill of Materials) to go with each service
- modifications to diesel engines for bio diesel research at USQ engine lab

INTERESTS:

- Sailing – inshore competition yacht racing, Brisbane to Gladstone offshore yacht race
- Water skiing (summer) - accomplished barefoot skier
- Rugby Union (winter) – as a player, coach, clubman and manager of the Toowoomba City Bears

EDUCATION:

2010 - Current Bachelor of Engineering (Mechanical), University of Southern Queensland, completion 2013 with a current GPA of 6.2

1990 – Senior certificate: Concordia College.

WORK EXPERIENCE

Current – **Full time student USQ**
- **Part time Thiess Mining**
- **Part time USQ bio diesel research technical diesel fitter**

- After my vacation work with Thiess, I continue to work in a part time role in the maintenance planning department where I have redesigned the Preventive Maintenance Service sheets of all Caterpillar earthmoving equipment and standardised this work across all mine sites.
- Have also written BOM (Bill of Materials) to go with each service.
- Carrying out modifications to diesel engines for bio diesel research at USQ engine lab.

December – March 2012 Thiess Mining – Vacation Work – Curragh North Project

- Trainee supervisory role in the workshop maintenance program
- Shutdown work on both Bucyrus 495 electric shovel and Liebherr 996 excavator
- Redesign of the rock ejectors on the Liebherr T282C dump truck to stop bending and downtime
- Design and manufacture of items to make the surveyors life easier
- Investigated cabin vibration issues with the Cat 789 and 793 dump truck

October 2009 – May 2010 Peabody Wilki creek mine - Contract Diesel Fitter

- Working at Peabody Wilkie Creek on a lifestyle even-time roster
- Detailed maintenance and servicing on a wide variety of mining equipment including, but not limited to, D11 Cat bulldozers, 785D Cat dump trucks, 992G Cat wheel loaders, EX2500 Hitachi excavators. This was both a preventive maintenance and a pit fitter role.

February 2009 to October 2009: Wagner Investments - Diesel Fitter

- Maintaining a fleet of earthmoving equipment in a field service role.
- Being the roadside breakdown mechanic for a fleet of over a hundred trucks.

August 2003 to February 2009: Self-Employed - Contract Diesel Fitter and Cane Farmer

Contract Mechanic – Component Rebuilds Australia

- Repair and overhaul of engines, transmissions, final drives.
- Working both in field situations and workshops, diagnosing and fault finding.

Cane Farmer – Gin Gin

- Welding, mechanical repairs and maintenance to farming equipment, fabrication of farm equipment, crop farming including ploughing, cane cutting, hay baling, account keeping

1993 - 1997; 1999 - 2003: Tilly's Crawler Parts – Sales of Heavy Earthmoving spare parts

- Sales of new and second hand earthmoving parts & components
- Computer and communication skills; using pronto and liaising with clients

- Client relations & service, sourcing parts when zero stock
- Setting and achieving sales budgets and KPI's
- Obtaining sales orders and arranging refurbishment prior to dispatch

1997-1999: Other Roles

Oil Drilling & Exploration Ltd, Toowoomba

- Motor-man duties on an exploratory drill rig in the Cooper Basin Gas Field

Gore Earthmoving, Goondiwindi

- Operating twin power scrapers constructing irrigation dams

Jones Regrowth Control, Rolleston

- Operating bulldozers, scrapers and compactors at South Blackwater Coal Mine, fixing railway line subsidence after long wall mining

PERSONAL ATTRIBUTES:

My farming upbringing taught me that doing it once and doing it right saves time and grief. I have demonstrated that I work well within a team as well as being self motivated and safety conscious to work individually. Eight years in sales has allowed me to develop my excellent communication and public relations skills.

My current GPA and the vast amount of subjects I have completed in the past twelve months demonstrate that I am a quick learner with dedication; qualities that are reflected in my work ethic. A high achiever with a can do attitude and a passion for earthmoving equipment.

CAREER OBJECTIVE

I am currently completing my Bachelor of Mechanical Engineering at the University of Southern Queensland. At the end of this year I will be re-entering the work force full time and completing my remaining three units externally. As a qualified heavy diesel fitter, with both mine and civil experience, my skills and qualifications are ideally suited to a leading hand, supervisory role. On completion of my degree, I will be looking at a graduate or entry level mechanical engineering position.

REFEREES:

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