

Robert Anthony Williams.

Role within PMAR

Since January 2013.

Summary

Tony is an experienced Mechanical Engineer with broad knowledge of varied aspects of maintenance and repairs including the field of Fluids. He thrives on excelling within the role, supporting a positive determination that is value adding. He is passionate in encouraging a culture of Safe Working and Mutual Respect.

Contact details

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Career history

December 2009 – Present:

Self Employed.

Business Support: Asset Management, Systems Improvement, Health & Safety 2009-2013

2006 – 2009: Reliability Engineer. Anglesey Aluminium (AAM) Metal Products

Key Achievements:

- Hydrocarbon Management: introduced a successful system of cleanliness control for hydraulic fluid following catastrophic failure. Through Fault Mode Analysis, identified contamination was removed, resulting in equipment reliability performance of 100% within the last 3years.(process loss was 100K +)
- Waste Water Recovery and Effluent Management: Successful recovery of Activated Sludge installation, previously suffering a 2-year period of neglect. Introduced best practice training package and daily maintenance audit system in compliance with Environmental Agency Permitting.
- Planned Maintenance Optimisation Co-ordinator
- Identification and Documentation of Failure Modes in support of Elimination

2004 – 2006: Maintenance Planner. Anglesey Aluminium (AAM) Metal Products

- Preventative Maintenance Scheduling
- Multi-discipline Craft planning
- Material and Component sourcing and procurement.

2001 – 2004: Project Engineer. Anglesey Aluminium (AAM) Metal Products

- Contract Management: Mechanical and Civils Based
- Specification, Installation and Commissioning of Equipment.(Capital Projects)
- Authorised Appointed Person for Lifting.

1990-2001: Fabrication Workshop Supervisor

- Directing large multi-discipline crew in fabrication and mechanical repairs.
- Planning and scheduling resources in support of Process demands.
- Developing Team excellence in Safety and Risk Management.

1989 – 1990: Relief Maintenance Supervisor

- Unscheduled Maintenance

Document	Creator	Rev	Creation Date	Revision Date
AJM Curriculum Vitae	AJM	1	14/09/2011	-

- Major Maintenance Project Management
- Developing Best Practice methods for continuous improvement.

1977 – 1989 **Mechanical Craftsman**

- Fitting and limited welding, fabrication and electrical repairs
- Failure mode analysis, functional testing Hydraulics and Pneumatics
- Preventative Maintenance System development.

1975 – 1977: **Marine Engineer – Motor. SMIT International Group (Underwater Construction Salvage / Heavy Lifting**

- Engine room watch keeping duties.
- Annual Overhauls.
- Electrical Generation equipment repairs.
- Unscheduled Failure Analysis and Control.
- Rigging and Heavy Lifting
- First Aid
- Boatmanship

1974 – 1975: **Marine Engineer – Motor and Steam. Sealink Group**

- Engine and Boiler room watch keeping duties
- Steam Turbine/Motor and associated equipment overhauls
- Assist in Board of Trade Surveys.
- Passenger Control and Lifeboat duties.
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1969 – 1974: **Marine Engineer - Craft Apprentice**

- Basic fitting
- Machining
- Pattern making
- Casting
- Sheet metalwork
- Welding
- Draughting

Education

Maritime Engineer watch Keeping Certificate

G* Mechanical Engineering

G1 & G2 Mechanical Engineering

T1 & T2 Mechanical Engineering

City & Guilds Workshop Practices 1 & 2

Industry Training Courses

Course	Provider	Days	Date
Planned Maintenance Optimisation,	OCMS	5	2006
Safety for Supervisors	Du Pont and DNV	2	2001
Internal Auditor	Lloyds Register	3	1998
Rescue from Towers, Masts and Structures(Gotcha Equip.)	Spanset Limited	2	2007
Height Safety Equipment & Inspection	Spanset Limited	2	2007
CDM Regulation Awareness	Hawksmere Training	1	2001
Lifting – Appointed Person	Ainscough Training Services	3	2004
Confined Space L2	SATEC Utilities	2	2009
Gas Safety Training L2	Wales & West Utilities Training	2	2008
Fluid Power Contamination Control	Nation Fluid Power Centre	2	2009
Permitting – Contractor Work Authorisation	AAM LTD	1	2001
Hot Work & Electrical Isolation	AAM LTD	1 + 1	2004
Root Cause Analysis	Apollo Associated Services Inc.	2	2002