

CURRICULUM VITAE

DAVID STEVENS IEng FIDiagE

D.O.B.: 25th JULY 1958

PROFILE

A highly trained, time served Mechanical Engineer who is accustomed to responsibility in an exacting environment.

Conscientious, diligent and reliable, this highly skilled specialist offers maturity, experience and commitment in his chosen field.



KEY EXPERIENCE – Current and Previous

Current:-

As part of the Shell Services Solutions Team, David is responsible for technical and business support to the European Services community. Duties included technical presentations at senior management level in the areas of Reliability Engineering and Condition Monitoring solutions, Technical support in the design, development, implementation and management of these solutions at customer sites throughout Europe, Project Management in the area of Condition Monitoring as part of the wider business development process. Development of Marketing and sales tools.

Previous: -

Responsible for the day to day management of a high-tech machinery condition monitoring program, duties include the condition evaluation of over 1400 items of rotating machine equipment at one of the UK's largest oil refineries. These include: Reciprocating Compressors, Rotary Compressors, Large Crude Oil Transfer Pumps, Linework Vibration Surveys, Steam Driven Generators, (up to 10MW), Pumps, Fans, Blowers and Structures. Has also managed CM activities at several North Sea Oil and Southern North Sea Gas production platforms and floating storage units.

CAREER PROGRESSION

- JAN 03 - **PROJECT MANAGER – ASSETT MONITORING SOLUTIONS TEAM**
As a member of the Global Asset Monitoring Solutions Team, David is responsible for the support and guidance to our world wide business community. It is David's responsibility to develop innovative solutions and support processes to assist Shell operating units in the design, development, implementation and management of best-in-class condition monitoring and reliability improvement solutions.
- FEB 00 - **EQUIPMENT CONDITION MONITORING ADVISOR – SHELL EUROPE**
SHELL INDUSTRIAL SERVICES – Home Based
As a member of the SIS Pan-European team, responsibilities include the development and implementation of Equipment Condition Monitoring (ECM) solutions for all class of market across Europe. Working closely with business development managers and sales forces. developing tools such as technical sales materials for marketing applications.
David has conducted many equipment condition monitoring presentations across Europe at senior Management level for large Multi-National companies.

NOV 95 – FEB 00 **Promoted to CONSULTING ENGINEER.**

MAY 94 to NOV 95 **VIBRATION ENGINEER.**

AV TECHNOLOGY Ltd:- Stockport, Manchester.

In charge of the day-to-day running of a £100kpa Equipment Condition Monitoring operation for a large Oil refinery, reporting to the Operations Director and Production Unit Managers. Duties involve (*as set out in KEY EXPERIENCE*).

NOV 92 to APR 94 **MULTI-SKILLED ENGINEERING TECHNICIAN**

COLGATE-PALMOLIVE :-Salford, Manchester

Responsible for the design and implementation of a Computer Oriented Maintenance System with the use of **Delta Comac Maintenance Management Software**, and the writing of the Maintenance Manual for the production floor.

OCT 91 to NOV 92 **ASSISTANT OPERATIONS MANAGER**

MONITION Ltd: - Bolsover, Chesterfield

Responsible for the co-ordination, and management of a team of 8 highly skilled machine vibration data analysts and report compilers.

Other duties included database management, Control of the Ferrographic Analysis Department, liaison with Site Engineers and Managers, system demonstrations and on-site training in TEC Intel-Trend Software and the 1325 Smart Meter Data Collector, PL31 Data Collector and ENTEK Software.

MAY 90 to OCT 91 **SITE SERVICE ENGINEER**

MONITION Ltd.

Responsible for the installation, set-up and acquisition of machine vibration data on various contract sites.

This also included in-depth analysis for identification of machine defects

JUNE 88 to MAY 90 **CONDITION MONITORING ENGINEER**

BRITISH COAL: - Sutton Manor Colliery.

In this position I was in total control of all aspects of Routine Condition Monitoring. This included the testing and analysis of a high tech £1,000,000 mine winding system. Reporting directly to the colliery Mechanical Engineer.

AUG 78 to JUNE 88 **MECHANICAL FITTER**

BRITISH COAL: - Sutton Manor Colliery.

Providing mechanical support to, and installation of, all coal production systems and high-speed conveyance systems from coal face to surface.

AUG 74 to AUG 78 **APPRENTICE MECHANIC**

BRITISH COAL :- Old Boston training Centre.

FURTHER TRAINING/ACHIEVEMENTS

2002 Airborne & Structure Borne Ultrasonic Inspection – **Certified Level I**
2001 EntekIRD Vibration Analysis – **Level III (Certified Level I with BINDT 2003)**
2001 Engineering Failure Diagnosis & Root Cause Analysis (**5 Days**)
2001 Everything about Oil Analysis – **Certified ICML level I**
2001 Masterclass Marketing - Zurich
2000 Key Principle of Value Based Marketing
1998 Entek Odyssey ECM Software application
1996 Infrared Thermal Imaging – Agema
1995 O.P.I.T.O Approved 'Offshore Survival Course'
1986 B.T.E.C. National. Mechanical Engineering Certificate Class 1
1984 City & Guilds Advanced Hydraulics & Pneumatic Circuit Design
1983 City & Guilds Hydraulics and Pneumatics Certificate
1980 Technical Education Council Certificate Advanced Technology,
(Computer Controlled Systems)
1978 Health & Safety Mechanical Certificate Class II
1977 NWRAC/ULCI Mechanical Craft Certificate Stage 4
1974 to 1978 Certificate of Apprenticeship, NCB Colliery Mechanic.

EDUCATION

1969 to 1974 Up-Holland High School, Up-Holland, Lancashire.
CSE's in Engineering and Mathematics.

PROFESSIONAL INSTITUTIONS

Fellow of the Institution of Diagnostic Engineers – F.I.Diag.E
Member of the Institution of Incorporated Engineers – M.I.I.E
Member of the International Council for Machinery Lubricant Analysis

ADDITIONAL INFORMATION

Full Clean Driving Licence.
Non-smoker.

INTERESTS

Business Computers (Built My own), Computer Software Evaluation.
Web site development – Introduced my own CM web site <http://www.vibanalysis.co.uk>
All Aspects of Engineering Condition Monitoring (R.C.M.).
Fly Fishing/Out door activities.