



Hamilton Dryden-Hall

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Personal Information

Marital Status	Married
Nationality	British
Place of Birth	Kilwinning, Scotland
Full Driving License	Clean and Current
Email Address	Hamiltondrydenhall@Hotmail.com
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Education

Adrossan Academy Aug '70 – Jul '74
SCE 'O' Grade Passes:
Chemistry, Physics, Mathematics, English, Arithmetic, Woodwork, Engineering Drawing,
Geography, Latin and French

Glenfield and Kennedy Aug '74 – Jul '80
E.I.T.B. approved apprenticeship in Engineering plus 2 years' experience.

Kilmarnock Technical College (Day release) 1974 – 1978
City & Guilds Mechanical Engineering Technicians Certificates

Mander Technical College (Full time) 1983 – 1984
B.T.E.C. (Diploma) Electrical & Electronic Engineering Certificates

Open University 2013 - 2019
Degree in Psychology

Leisure Interests

Golf, Power Boating, Gardening, DIY, Member of 'The Sherlock Holmes Society of London' RYA Power boat level 2 VHF Short Range Maritime Radio Operators Certificate. Member of RYA. Qualified National Coastal Watchkeeper at Hengistbury Head Watch Tower.

Additional Information

ABB Robot Training at ABB

Durkopp Systems Training

Trained as First Aider

Trained Fire Warden

Skilled in Mechanical, Electrical, Electronic, Robotic, Hydraulic and Pneumatic Engineering

Fully Computer Literate with Microsoft Office & C.A.D.

EMPLOYMENT

(C) Signifies working on a Contract

(P) Signifies Permanent Employment

Prepworld (C)

Feb 26 – April 26

A return contract (outside IR35). Specific project in order to comply with audit requirements. Work involved repair and breakdowns on bespoke fruit processing machinery.

Consulting with Production and Quality Departments to create continuous improvements to the existing systems. The quality standards and systems that are in place are set according to the strict regulations and protocols of ISO45001:2018. Food safety management systems certified to BRC standard in workplace health and safety, aligned to internationally recognised best practices.

Marley Ltd (C)

Oct 25 – Feb 26

Multi-Skilled Nightshift Support Engineer

Responsible for overall safety operation of plant and equipment on a roof tile manufacturing site. Working with various types of equipment including complex hydraulic, pneumatic, and electrical/electronic control systems.

Responsible for ensuring continuous running of production processes by eliminating downtime through a safe and logical approach to fault finding. Involved in continuous improvement principals, working with management.

Taiko, Acton (C)

Jun 25 – Oct 25

Return contract on a temporary basis to provide both reactive and pro-active multi-skilled maintenance techniques on all production equipment and continuous improvement projects directed by engineering manager

Marley Ltd (C)

Oct 24 – Jun 25

Multi-Skilled Nightshift Support Engineer

Responsible for overall safety operation of plant and equipment on a roof tile manufacturing site. Working with various types of equipment including complex hydraulic, pneumatic, and electrical/electronic control systems.

Responsible for ensuring continuous running of production processes by eliminating downtime through a safe and logical approach to fault finding. Involved in continuous improvement principals, working with management.

Prepworld (C)

Feb 24 – Oct 24

A return contract (outside IR35) working on a night shift rota 4 on 4 off. Work involves repair and breakdowns on bespoke fruit processing machinery.

Consulting with Production and Quality Departments to create continuous improvements to the existing systems. The quality standards and systems that are in place are set according to the strict regulations and protocols of ISO45001:2018. Food safety management systems certified to BRC standard in workplace health and safety, aligned to internationally recognised best practices.

Grupo Bimbo (C)

Oct 23 – Feb 24

Multi-Skilled Maintenance Engineer

Installation and maintenance of bakery machinery and automated bakery equipment including provers, conveyor systems, dividers, impinging ovens as well as rolling oven systems. A FMCG company.

Taiko Foods (C)

Sept 23 – Oct 23

Multi-Skilled Maintenance Engineer

Brought in on a temporary basis to provide both reactive and pro-active multi-skilled maintenance techniques on all production equipment and continuous improvement projects directed by engineering manager.

Forterra (Thermalite), Thatcham (C)

Feb 23 – Sept 23

Special Projects/Continuous Improvement Engineer

Working with the Engineering Manager, my role is to improve plant machinery with new and retrofitted systems that enhance safety and efficiency of the production machinery.

My role also involves reactive and pro-active multi-skilled maintenance techniques on all production equipment. This involves day to day repair of electrical and mechanical machinery on site, ensuring that maintenance carried out complies with correct specifications.

- Maintain quality and safety standards
- Support production and technical staff
- Good knowledge of electrical/electronic/mechanical/hydraulic and pneumatic controls
- Positive approach to plant reliability and continuous improvement activities
- High Level of H&S Awareness
- Undertaking proactive planned maintenance to ensure machine efficiency
- Diagnosing faults and repairing PLC controlled machinery
- Responding to major equipment breakdowns
- Ensuring continuity of production
- Working closely with production to identify and drive continuous improvement opportunities

DB Foods Ltd. Poole (C)**Sept 22 – Jan 23****Multi Skilled Maintenance Engineer**

Providing both reactive and pro-active multi-skilled maintenance techniques on all production equipment and reporting directly to the engineering manager.

Working on developing the Plant Preventative Maintenance (PPM) program by bringing it up to date and getting rid of old redundant PPM's by substituting current versions with up to date and relevant PPM data. The work involves creating workable PPM's with attached explanatory photo or video guides. These PPM's with guides are now loaded up to a paperless system by Seamcor which uses palm tops and WiFi to capture, process and save data to comply with all relevant agencies such as BRC audits as well as Health and Safety laws. I am also involved in instigating Root Cause Analysis (RCA) skills in response to reactive tasks and move the engineering department towards a predictive maintenance culture. Work also involves control and monitoring the operation of electrical and mechanical equipment and systems on site, ensuring that maintenance carried out complies with design specifications and safety of electrical/mechanical equipment and systems.

- Maintain accurate records of tasks completed using the department's current system with a view to upgrading to a new Computer Maintenance Management System (CMMS).
- Maintain quality and safety standards.
- Support production and technical staff.
- Good Knowledge of electrical/electronic/mechanical and pneumatic controls
- Positive approach to plant reliability and continuous improvement activities
- High Level of H+S Awareness
- Undertaking proactive planned maintenance to ensure machine efficiency
- Diagnosing faults and repairing PLC controlled machinery
- Responding to major equipment breakdowns
- Ensuring continuity of production.
- Work closely with Production to identify and drive Continuous Improvement opportunities

PrepWorld, Southfleet / Northfleet (C)**May 22 – Aug 22****Multi Skilled Maintenance Engineer**

Working directly with the maintenance and project managers, my role is to assess newly acquired bespoke fruit processing machinery from other factories and upgrade to modern working standards. Work involves safety and control circuits, mechanical parts replacement such as bearings, chains and sprockets, pumps, conveyors, motors, drives, gearboxes and all related parts' replacements to achieve several complete and running fruit processing systems in the company's new site at Northfleet. To achieve this, I am involved in moving machinery from the old factory in Southfleet into the new customized factory in Northfleet. Laying out complete systems according to the project drawings both in high care and other departments. The quality standards and systems in place are set according to the strict regulations and protocols of ISO45001:2018. Food safety management systems certified to BRC standard in workplace health and safety, aligned to internationally recognised best practices.

AB Agri, Cullompton (C)**Feb 22 – May 22****Multi Skilled Maintenance Engineer. (Days)**

Involved in the resolution of plant breakdowns, faults and leaks within a food standard environment. Working within Health and Safety rules on mechanical and electrical equipment in an animal feed production mill. The mill has steamers, spiral conveyors, silos, drives and control

equipment. My work involves electrics, mechanical fitting, welding, pneumatics, hydraulics, fabrication and lighting.

Warburtons, Enfield (C)

Aug 21 -Feb 22

Multi-Skilled Maintenance Engineer. (4 on 4 off days and nights)

Maintained all machinery in an industrial bakery including repair as well as PPM's. Conveyors, stacking machines, depanners, printers, industrial rolling ovens, silos, sieves, packaging machinery, stackers and robot pickers. 12 hour day and night shifts on a 4 on 4 off shift pattern. They are a FMCG company.

Rich's Foods, Andover (C)

May 21 – Aug 21

Multi skilled Maintenance Engineer. (Nights)

Breakdown and PPM's on bakery machinery. Types of machines included Niverplast box maker, Dijko and Meincke rolling ovens, Spiromatic mixing system with Genesi mixers, Ilapak flow wrappers, Sesotec metal detectors with Starflex reject systems, Starfrost spiral freezers and cooling tunnels, Marvu sorting system, Lan and ABB robots, Alimec tray feeding and storage systems. Several BVT systems including robots and specialist equipment.

Knowledgeable in the use of HMI's, PLC's including Siemens, Mitsubishi, Berkoff and AllenBradley.

Familiar with current health and safety regulation as well as latest Hygiene specifications. The company is a FMCG standard and uses Shire maintenance package with tablet technology.

Polystar Plastics, Southamton (P)

May 19 – May 21

Multi Skilled Maintenance Engineer (Days)

Involved in maintaining and installation of plastic production machinery. The roll involves fault finding and repair of extruders, winders, granulators, bailers, bag makers, large in-line printers as well as all aspects of three phase machinery installation to electrical code. Also involved with mechanical breakdowns such as bearing changes and production machinery failure.

Kanes Foods, Evesham (C)

Dec 18 – May 19

Contractor Multi Skilled Maintenance Engineer (Days and Nights)

Covering breakdowns on food processing machinery and steam ovens. Machines are designed for processing raw vegetables and making noodles for stir fry and salads. Also covering breakdowns on further processing machinery and packaging machines. Actively involved with PPM's and documenting work done on maintenance schedules. FMCG company and conversant and up to date with current food hygiene and QA regulations.

Cranswick Convenience Foods (P)

May'15 – Dec'18

Multi Skilled Maintenance Engineer (Nights)

Maintained bespoke meat processing machinery from raw to cooked (FMP). Maintaining production machinery in order to process meat throughout the cooking, slicing and packing departments ready for delivery (High Care and Boxing). Duties involved PPM's, breakdown repair, looking at improving standard operating procedures and safety in the workplace. Machines being maintained ranged from rolling industrial ovens, automated cooking machines (Armor Inox) to blenders, bowl choppers, Multivac's, clippers, tumblers, mincers and other bespoke machinery in FMP section. In High Care machinery included slicers, packing machinery, chillers, check weigher's, x-ray machines and finally labellers and printers, as well as plant maintenance. PPM's and continual improvement techniques. FMCG company and conversant with current hygiene regulations.

Honey Top Foods, Dunstable (C)

Dec 14 – May 15

Contractor Multi Skilled Maintenance Engineer (Days and Night)

Maintained all machinery in an industrial bakery including repair as well as PPM's. Conveyors, box machines, palletisers, printers, industrial ovens, silos, sieves, multi-vacs, packaging machinery, stackers and robot pickers. 12 hour day and night shifts on a 4 on 4 off shift pattern. They are a FMCG company.

A.G.Barr, Milton Keynes (C)

Oct'14 – Dec 14

Contractor Multi Skilled Maintenance Engineer (Days)

Maintaining soft drinks can filling and packing line. Seamers, fillers palletisers, de-palletisers, conveyors, inverters, drives, Plc Control, heat shrink tunnels etc.

Redland, Leighton Buzzard (C)

Sept 14 – Oct 14

Contractor Multi Skilled Maintenance Engineer

General maintenance and breakdown on concrete roof tile manufacturing system over a 2 shift system of 4 on and 4 off.

Carlsberg. Northampton (C)

Dec 13 – Sept 14

Multi Skilled Maintenance Engineer (2 Days 2 Nights 4 on 4 Off)

Maintaining all packing and filling machinery in a brewery. Using SAP and PPM systems. Duties involved PPM's, Breakdown repair, looking at standard operating procedures and safety in the workplace. Machinery working on included Seamers, Fillers, Checkweighers, Palletisers, De-Palletisers, Conveyors, Inverters, Drives, Plc Control, Heat shrink tunnels, Wrap-overs and can fault detectors. Some of the manufacturers are Hoiff, Riverwood, Kister, Cantronic and Alvey. When not doing breakdown or PPM's I work on continuous improvement with the operators to maximise efficiency. Carlsberg is an FMCG company

Honey Top Foods, Dunstable (P)

July 13 – Dec 13

Multi Skilled Maintenance Engineer (Days and Nights)

Maintained all machinery in an industrial bakery including repair as well as PPM's. Conveyors, box machines, palletisers, printers, industrial ovens, silos, sieves, multivacs, packaging machinery, stackers and robot pickers. 12 hour day and night shifts on a 4 on 4 off shift pattern. They are a FMCG company.

DHL/Sainsbury.Bedford

Feb 11 – Jul 13

Automation Engineer (P)

Multi-Skilled maintenance on automated clothing storage and sorting machinery. Work involves PPM's using Shire Maintenance System of maintenance management as well as breakdown and implementation of WCS and WMS. The system is "box to hang" as well as pre-hung from manufactures. Storage, sort, distribution using Red Prairie WMS (warehouse management system) and Durkopp WCS(warehouse control system). Profibus and PLC control system. They are a FMCG company.

Giles Foods. Milton Keynes

Multi Skilled Maintenance Engineer (P)

Sept 09 – Feb 11

Installation and maintenance of industrial ovens and automated bakery equipment including provers, conveyor systems, dividers, impinging ovens as well as rolling oven systems. Also responsible for day to day upkeep of four industrial buildings. A FMCG company.

Cerulean (Molins) Milton Keynes

Prototype Precision Machine Builder (C)

May 09 – Sept 09

Built and calibrated 'tobacco testing' machines and other laboratory test equipment.

Morrison's. Rushden

Multi Skilled Maintenance Engineer (C)

Feb 09 – May 09

Breakdown repair and servicing various vegetable processing machines including Wash plant, Check weighers, Form fillers, Baggers, Graders, Printers and Sealers. A FMCG company.

School of Material & Industrial Science.Cranfield University

Prototype Wireman (C)

Jan 09 – Feb 09

Rewiring a high precision Nanocentre for the Universities Advanced Engineering Lab Work involved confidential and specialist manufacturing processes. George W King. Letchworth

George W King. Letchworth

Multi Skilled Maintenance Engineer (C)

Oct 07- Dec 08

Fault finding, repairing and maintaining multi-tool machining centres C.N.C. lathes, robots, conveyor systems and PLC controlled factory equipment. Used PPM system in department. Manufactured parts for the car industry

3D Evolution. Chicksands

Prototype Wireman (C)

Aug'07-Oct'07

Building Balloon Parachute Launch System for Belgium Army

Integration Technology. Upper Heyford

Jun 07 - Aug 07

Prototype Wireman (C)

Building High voltage power supplies to run UV lighting for the printing industry

Alan Electrical, St Albans

Prototype Wireman (C)

May'07- June'07

Fitted and wired three phase supplied High to Low voltage (UPS back-up) distribution systems for sensitive data storage facilities for banks and building societies within the UK

Cranfield Precision, Cranfield University

Electrical Engineer (C)

Oct '05 – May'07

Fitted and wired electrical equipment controls and panels on ultra-precision machines (nanometres accuracy).

Work involved linear motors, friction drives, profibus and As-I cabling. Built and tested printed circuit boards, electronic circuits to drawings, drive cards and accurate power supplies. Tested and calibrated circuits using oscilloscope and auto test equipment and procedures.

Involved with Cranfield University Project on Ultra Precise Glass Grinding Machine 'BOX'(Big Optrix) for space telescope lenses. Joint venture with Greenwich Observatory and European Space Agency

Graham Packaging

Maintenance Engineer (C)

July 05 – Oct 05

Machine installation and breakdown cover, installation and maintenance of inspection and test equipment, distribution boards, lights, sockets, pumps, motors and production machinery. A FMCG company.

Wipac Ltd.

Maintenance Engineer (C)

Apr 05 - Jul 05

Machine installation and breakdown cover. Installation and maintenance of inspection and test equipment, distribution boards, lights, sockets, pumps, motors and production machinery

Various contract assignments

2000 - Apr 05

Electrical /Mechanical Engineering (C)

Dage Precision Industries Ltd.

Building and testing Sub-Micron integrated Digital Acquisition Machines (X-RAY iDAT) These machines X-Ray printed circuit boards for the electronics industry (non-destructive testing). The work involved mechanical build, electrical wiring, dedicated PC build (software/hardware), testing and commissioning. The work also involved training workers in China.

DT Industries (AT&T) (C)

Building and wiring prototype 'automatic test machinery' for the fuel injection industry around the world (Germany, China, USA & Brazil). Involved with building and dismantling a 10 head system for Siemens and re-installing on-site in Limbach, East Germany.

Nampak (C)

Building conveyors with in-line testing systems. Also end of line packing machinery was manufactured within factory. I installed these systems and packers on sites throughout UK. The Customers were mainly using Blow Moulders for the dairy industry.

AT&T (DT Industries, Lucas) (C)

Building and wiring prototype machinery for Fuel injection test equipment.

Wafer Technology (C)

Maintaining silicon wafer growing machinery for the semi-conductor industry. Upgraded older machinery to newer specifications and incorporating PLC controls.

Heathway Engineering (C)

Building and wiring fibre optic manufacturing machines.

Harland Simon (C)

Designing and quoting U.P.S. systems for telecommunications industry.

Rockwell Automation (C)

Prototype wiring machinery and controls for print industry.

J&B Electrical Contractors (C)

Working as an electrician for commercial installation on site at new Debenhams Department Store, Milton Keynes. 3-phase bus bar, lighting, distribution boards, alarms, CCTV, heating etc.

Vickers Electronic Systems

Sales Support Engineer (P)

1998– 2000

Contract Manufacture for OEM's
Preparing Quotations for drawings and design specifications on projects from £10K - £1M upwards. Dealing with clients on site as well as through Email and internet facilities. Organising stands at Engineering Exhibitions and generating new business. Involved with procedures on our Electro/Mechanical projects to comply with ISO 9000.
Capable of liaising at all levels on new and existing Turnkey packages.

M.V.C. Technology (Automotive Equipment)

Project Engineer (P)

Jul 96 – Jun 98

Design and build prototype and production machinery for the manufacture of vehicle fluid handling systems.

Clients – Worldwide

Ford Volvo, Peugeot, Chrysler, General Motors, Rover and Vauxhall

Hands on design and development of specialised machinery. Involving PLC controls, pneumatics, electrics, tool room machining and fitting.

Responsibilities included generating electrical and mechanical drawings, product development, customer liaison, dealing with suppliers and sub-contractors.

Installation and commissioning have taken me worldwide, having been responsible for the specialised operator and technical training.

The position depended on self-motivation and to be fully experienced in dealing with all staffing levels within the Company as well as the Clients.

Continental Microwave, Luton

Contract Prototype Wireman (C)

May 96 – Jul 96

Building Prototype Microwave Transmitter/Receiver Equipment working on mainly Channel 5 Developments.

Diamond Security, B.C. Canada

Commercial Electrician/Security Contractor (C)

Jun 95 – May 96

Installing Electrical Equipment and Security devices including distribution panels, lighting, mains supplies as well as burglar alarms, fire alarms, movement detectors and C.C.T.V.

Fairway Systems, B.C. Canada

Commercial Electrician (C)

Dec 94 – Jun 95

Electrical and security drawings on government and commercial contracts. Alexander & Samways Precision Engineers

Prototype Machine Builder (P)

Mar 94 – Oct 94

Panel Wiring, Prototype machine installation and test, manufacturing and modifying specialist machines. Skills used included Electric's, fitting, hydraulics, pneumatics, turning, milling, welding and programmable controllers

Chesworth Electrical (Electrical Contractors)

Commercial Electrician (P)

Oct 93 – Mar 94

Installation of Single and 3 Phase electrical equipment, including Bus Bars, heating and air conditioning, transformers, fire alarms, lighting, ring mains, computer terminal (clean supply), telecommunications, power distribution systems, heavy armour cable, control panel design and construction, Test and maintained equipment.

Pickfords Engineering Services

Project Engineer (P)

Nov 92 – Oct 93

Disconnection, removal and reconnection of plant machinery. Standard of electrical and mechanical engineering to BS 5750. Quoted on-site work, supervised staff and liaised with customers. Companies: BA, G.E.C., British Steel, B.R.S., Excel Logistics, Ford (UK) Ltd., Newage Transmissions & Hardcastle Developments.

Maymar International (UK) Ltd

Prototype Machine Tool Builder (P)

Aug 91 – Nov 92

Manufactured, upgraded and refurbished investment casting machines and other prototype machinery. This involved machining, welding, wiring, fitting, design and installation. Worked on pneumatic, hydraulic and electrical circuit design.

Dryden Associates (Contract Engineering)

Projects Engineer (C)

Jul 85 – Aug 91

Prototype wiring, modern manufacturing, plant and machinery, domestic wiring, H.V.A.C., PCB manufacture, electronic test, fitting, machine tool building, tool room machining, panel building. Companies contracted: Sauter Transport Eng., Control Design & Development, Dacon, Britax, Phillips, Rolls Royce, M.O.D., Gordons Gin, Gatwick Airport and Allen Bradley

Robot City Technology

Production Manager (P)

Jul 84 – Jul '85

Personnel Management, microcomputer adaptations, production techniques, design and implementation of robotics. Liaising with suppliers and distributors.

Mander College Bedford

1983 - 1984

Full time student studying electrical and electronic engineering to BTEC Diploma Level 3 equivalent to ONC. Course was run by Manpower and Services Commission Aimed at Mechanical engineers wishing to become multi-skilled

Westland Helicopters

Maintenance/ Tool room (P)

Jul 80 – Aug 83

Using C.N.C. Machines with FANUC systems control. Worked in machine shop, tool room and then maintenance department. Attained Aircraft Approved Inspector Level.

Glenfield & Kennedy (P)

1974 – 1980

Served an Indentured Engineering Apprenticeship covering all engineering departments. This was overseen and approved by the Engineering Industry Training Board (E.I.T.B.). I also gained City & Guilds Mechanical Engineering Technicians Certificate I, II & III at Kilmarnock Technical College, Scotland.

I completed my apprenticeship and then worked in the maintenance/tool room department for 2 years.