MARK POSTLETHWAITE

ENGINEERING MANAGEMENT | MAINTENANCE & RELIABILITY | TECHNICAL LEADERSHIP

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PROFESSIONAL PROFILE

Engineering leader with over 20 years of experience across process manufacturing, FMCG, automated logistics and international project delivery. Former Chief Engineer and owner of an engineering services business, with direct experience recruiting and interviewing engineers, scheduling work, managing team performance, controlling project budgets and preparing quotations and contracts. Has led teams of up to ten engineers while retaining strong electrical, mechanical, controls and reliability expertise. Now targeting days-based engineering management and senior maintenance leadership roles.

LEADERSHIP AND CAREER EVIDENCE

- **Leadership with substance.** Led ten engineers as Chief Engineer, managed seven at Vacuum Cooling Services and supervised six at VCT; personally recruited, interviewed and managed engineering staff.
- **End-to-end engineering.** Directed project work from customer brief and resource planning to design, procurement, installation, commissioning and handover in the UK and overseas.
- **Operational reliability.** Combines planned maintenance, breakdown recovery and fault elimination with daily work allocation, scheduling and safe control of engineering activities.
- **Commercial and stakeholder delivery.** Set budgets, prepared quotations and contracts, negotiated with clients and suppliers, and addressed staff performance issues as part of leadership roles.

CORE STRENGTHS

Recruitment, interviews & performance management • Engineering budgets, quotations & contracts • Work allocation & daily scheduling • Maintenance and reliability • Supplier / contractor management • Safe systems of work • Engineering project delivery • Electrical, mechanical and automation diagnostics

CAREER HISTORY

Multi-Skilled Maintenance Engineer | Tate & Lyle, Silvertown **Oct 2025 – present**

- **Refinery reliability.** Deliver preventive and reactive maintenance on process and rotating equipment, prioritising safe recovery of production-critical plant in liaison with operations.
- **Mechanical diagnosis.** Overhaul vacuum and process pumps, motors, gearboxes, couplings, shafts, seals and bearings; use vibration monitoring and precision alignment to investigate wear and recurring failures.
- **Controls and safe systems.** Fault-find motors, starters, VFDs, sensors, control wiring and pneumatics; work within permit-to-work, isolation and confined-space requirements.
- **Work coordination.** Use Maximo for maintenance records, liaise with contractors and support apprentice development through practical instruction and safe fault-finding methods.

Multi-Skilled Maintenance Engineer | Harvey & Brockless, Battersea **Nov 2024 – Oct 2025**

- **High-speed FMCG.** Maintained packaging, filling, slicing, sealing and ultrasonic cutting lines, including Tecnopack, PFM, Multivac, ILPRA, VegMag, Weber, Treif, Selvex and Bakon machinery.
- **Electrical and mechanical fault finding.** Diagnosed sensor, PCB and control faults alongside motor, gearbox, vacuum-pump and transmission failures to restore production safely.
- **Engineering improvement.** Designed or machined replacement components where suitable; investigated recurring faults, maintained engineering records and worked within food-production requirements.

Engineering Contractor | FedEx, Dartford **Aug 2021 – Nov 2024**

- **Automated operations.** Maintained FIVES sortation systems, belt and chain conveyors, drives, motors, bearings and associated electromechanical equipment.
- **Electrical and control systems.** Diagnosed AC/DC controls, SCADA-linked equipment, starters and variable-frequency drives; supported motor replacement and electrical upgrades.
- **Reliability and redesign.** Used CAD and fabrication to improve maintainability of shafts, load-wheel components and other critical conveyor parts, simplifying repair and replacement.
- **Wider site engineering.** Supported BMS, standby generators, facilities systems, parts sourcing and an electric-vehicle charging installation.

Owner / Engineering Contractor | Vacuum Cooling Services **Mar 2017 – Aug 2021**

- **Team and project leadership.** Owned the engineering service operation and managed a team of seven; personally recruited and interviewed engineers, allocated daily work, arranged schedules and addressed underperformance.
- **International delivery.** Designed, manufactured, installed and serviced vacuum coolers, dryers and associated refrigeration systems for agricultural and industrial customers in Europe and Africa.
- **Design-to-handover responsibility.** Delivered cold stores and cooling systems with refrigeration capacities up to 1 MW, automated conveyors with pneumatic indexing, and bespoke mechanical and electrical components.
- **Commercial interface.** Set project budgets, prepared technical quotations and contracts, agreed scope with customers, negotiated with suppliers and maintained accountability for delivery.

Chief Engineer | Invirochoice Ltd **Mar 2016 – Mar 2017**

- **Engineering leadership.** Led ten engineers on refrigeration, air-conditioning and specialist cooling installations, allocating work and managing engineers and project delivery, including at 10 Downing Street.
- **Technical development.** Designed specialist vacuum-cooling solutions for agricultural applications, including turf-cooling equipment and a water-extraction machine concept.
- **Project and client delivery.** Managed engineering budgets, technical quotations and contracts alongside project design, site installation, supplier coordination and customer relationships.

Engineer | VCT Ltd **Feb 2012 – Mar 2016**

- **Team supervision.** Supervised six engineers, supporting work allocation, international installations, supplier liaison and 24/7 maintenance and breakdown response.
- **Industrial systems.** Designed, installed and maintained vacuum coolers, dryers, cold stores and refrigeration equipment, including systems with capacities up to 1 MW.
- **Integrated engineering.** Built automated chain-driven conveyor systems with pneumatic indexing, combining refrigeration, fabrication, mechanical and control-system work.

Engineering Contractor | UK Ministry of Defence **Aug 2011 – Feb 2012**

- **Controlled environments.** Provided engineering support on security-sensitive assignments while observing site and confidentiality requirements.

Engineering Foreman | EMH International Ltd **2004 – Jul 2011**

- **People and installations.** Directed electrical and refrigeration teams delivering bespoke commercial refrigeration equipment and associated electrical installations.
- **Engineering design.** Developed control circuitry and practical fabrication solutions for commercial display and servery equipment.

Additional experience: welding and specialist fabrication contracting with TD Welding Ltd (2011–2012).

SELECTED ENGINEERING DELIVERY

- **High-profile installation leadership.** As Chief Engineer at Invirochoice, led engineers on commercial air-conditioning installations, including a project at 10 Downing Street.
- **International cooling and process systems.** Led design, manufacture and installation of bespoke industrial vacuum-cooling and refrigeration equipment with associated electrical controls, conveyors and site commissioning.
- **Automated logistics reliability.** Delivered hands-on fault diagnosis, electrical upgrades and maintainability improvements for high-throughput sortation and conveyor systems at FedEx.
- **FMCG controls diagnosis.** Resolved a machine-to-weighing-system communications issue involving an Omron PLC and Mettler Toledo interface; combined electrical fault-finding with PLC and serial diagnostics.
- **Practical infrastructure and fabrication.** Contributed to the design and installation of EV charging infrastructure at FedEx, including associated steel fabrication and electrical installation.

TECHNICAL CAPABILITIES

- **Leadership and delivery.** Multidisciplinary team supervision, apprentice mentoring, maintenance coordination, contractor interfaces, customer communication and supplier negotiation.
- **Mechanical and reliability.** Rotating machinery, vacuum/process pumps, compressors, drives, gearboxes, bearings, shaft alignment, condition monitoring, hydraulics and pneumatics.
- **Electrical and automation.** Industrial electrical fault-finding, AC/DC controls, VFDs, sensors, PLCs, SCADA, panel and PCB diagnostics, Maximo CMMS.
- **Design and workshop.** CAD, practical component redesign, milling, lathe work, welding, fabrication and refrigeration systems up to 1 MW.

QUALIFICATIONS AND SAFETY

- **Engineering.** HNC – Electrical & Mechanical Engineering; A-levels in Physics and Computer-Aided Design (CAD).
- **Electrical.** City & Guilds 2391-50 – Initial Verification, Inspection & Testing; City & Guilds 2382-18 – 18th Edition Wiring Regulations.
- **Refrigeration.** Level 3 – Refrigeration & Air Conditioning; City & Guilds 2079 – F-Gas/ODS; NVQ Level 2 (6187) – Hydrocarbon Refrigerants.
- **Site safety.** Confined Space CS1, including escape breathing apparatus; EMSS Safety Passport.