SAMWORTH BROTHERS

QUALITY FOODS

ROLE PROFILE			
Job title	Multi Skilled Engineer	**Date**	
Business		**Department**	Engineering
Location		**Reports to**	Engineering Team Leader

ROLE SUMMARY

Responsible for maintaining and improving the reliability, safety and performance of production and site-services equipment within a fast-paced food manufacturing environment. The role provides effective electrical and mechanical fault finding, planned and reactive maintenance, equipment improvement and safe return-to-service support, while working closely with Production, Hygiene, Technical and other site teams.

KEY ACCOUNTABILITIES AND RESPONSIBILITIES

• Carry out safe, effective reactive maintenance and fault finding across electrical, mechanical, pneumatic and basic control systems, minimising production downtime.

• Complete planned preventative maintenance to the required standard and timescale, recording findings, follow-up work and parts used in the site CMMS.

• Diagnose recurring failures and support root cause analysis using structured methods such as 5 Why and cause-and-effect analysis; implement sustainable corrective actions.

• Work with Production and Hygiene teams to plan interventions, return equipment to service safely and communicate equipment condition, operational restrictions and outstanding risk.

• Support continuous improvement, equipment modifications, commissioning, line trials and reliability activities, ensuring changes are controlled and documented.

• Comply with site safety rules and relevant legislation, including safe isolation/LOTO, PUWER, COSHH, working at height and permit-to-work requirements.

• Maintain food safety and hygiene standards during engineering work, including tool and parts control, contamination prevention, hygienic repair methods and clean handback.

• Escalate significant equipment, safety, quality, environmental and compliance risks promptly and accurately.

• Support contractors and specialist service providers where required, ensuring safe systems of work and appropriate site controls are followed.

• Contribute to shift handovers, engineering meetings, spares identification and accurate technical documentation.

QUALIFICATIONS AND PROFESSIONAL TRAINING

• **Essential:** Recognised engineering apprenticeship or equivalent structured training in electrical, mechanical or multi-skilled engineering.

• **Essential:** Level 3 engineering qualification, for example BTEC Level 3, NVQ Level 3, City & Guilds Level 3, HNC or equivalent in Electrical/Electronic Engineering, Mechanical Engineering, Maintenance Engineering or Mechatronics.

• **Essential:** Demonstrable electrical competence relevant to industrial maintenance, including safe isolation, fault diagnosis and work on low-voltage equipment within the individual's training and authorisation.

• **REQUIRED:** Current 18th Edition IET Wiring Regulations qualification (BS 7671).

• **PREFERRED:** City & Guilds 2391 Test and Inspection qualification, or legacy City & Guilds 2394 and 2395 Inspection and Testing qualifications.

• **Desirable:** PLC fault-finding training, electrical control systems, variable-speed drives, pneumatics, hydraulics, welding/fabrication or condition-monitoring training.

• **Desirable:** Food safety and engineering hygiene training, IOSH Working Safely/Managing Safely, HACCP awareness, PUWER and permit-to-work training.

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EXPERIENCE

• **Essential:** At least 2 years' relevant post-apprenticeship or equivalent industrial maintenance experience in a manufacturing, processing or automated production environment.

• Proven experience of both reactive breakdown response and planned maintenance on production machinery and associated site equipment.

• Practical fault-finding experience with three-phase motors, motor control, sensors, contactors, safety circuits, inverter drives, control panels and industrial electrical systems.

• Practical mechanical maintenance experience including bearings, gearboxes, conveyors, chains, belts, shafts, pumps, seals and pneumatic systems.

• Ability to interpret electrical schematics, mechanical drawings, equipment manuals and technical information.

• Experience completing maintenance records and communicating clear shift handovers, including faults found, actions taken, parts required and residual risks.

• **Desirable:** Experience within food, FMCG, pharmaceutical or another hygiene-controlled manufacturing environment.

• **Desirable:** Exposure to PLC-controlled machinery, refrigeration, steam/boiler systems, compressed air, utilities, packaging equipment or process plant.

TECHNICAL SKILLS AND KNOWLEDGE

• Strong electrical and mechanical diagnostic skills with a logical, evidence-based approach to fault finding.

• Working knowledge of electrical control systems, PLC inputs/outputs, variable-speed drives, safety devices, instrumentation and pneumatic controls.

• Understanding of planned maintenance principles, equipment reliability, defect elimination and basic root cause analysis.

• Understanding of machinery safety, guarding, interlocks, safe isolation and controlled return to service. Must know when specialist support or further authorisation is required.

• Awareness of food safety, allergen, foreign-body and hygiene risks created by engineering activity.

• Competent user of a CMMS and standard digital tools for maintenance records, technical documents and communication.

• Clear written and verbal communicator who can explain technical issues to engineering and non-technical colleagues.

CORE COMPETENCIES, ATTRIBUTES AND BEHAVIOURS

Competency	Expected behaviour
Safety and food safety	Works to safe systems, protects product integrity and stops or escalates work when controls are inadequate.
Ownership	Takes responsibility for faults through diagnosis, repair, testing, documentation and effective handback.
Collaborative working	Builds constructive relationships across shifts and functions and shares information openly.
Customer focus	Understands production priorities while never compromising safety, legality, quality or engineering standards.
Problem solving	Uses evidence and structured thinking to remove root causes rather than repeatedly treating symptoms.
Flexibility	Responds positively to changing priorities, shift requirements and operational needs.
Continuous improvement	Identifies opportunities to improve reliability, maintainability, energy use, cost and performance.
Self-management	Plans work, manages time and maintains professional standards under pressure.

Working arrangements: The role requires flexibility to work the site shift pattern, participate in overtime or call-out arrangements where applicable, and perform duties across operational areas in accordance with competence, training and authorisation.