

JOB TITLE	Process Engineer
LOCATION	Glasgow
EMPLOYMENT	Permanent
REPORTS TO	Process and Compliance Manager

DESCRIPTION OF FUNCTION

- To provide technical input to ensure stable day-to-day operation of the Wet Prep and AD on site, to meet or exceed budgeted generation from the CHP.
- To closely monitor process conditions and data to guide the Operations Manager and Maintenance Engineer in the steps to take to maintain or improve operations.
- To closely monitor the process identifying issues and opportunities for process improvement.
- To identify engineering solutions and programmes of investment to improve safety, plant performance, quality and capacity.
- To develop a knowledge of the ACF in order to provide cover for the Process and Compliance Manager.

JOB RESPONSIBILITIES & DUTIES

- To carry out assessments of plant performance, quality, and capability against plant design, budget and/or customer specifications. Where necessary, design and execute trials to further develop process capability.
- Identify real world solutions and engineering options to site-based issues, increasing safety, plant performance, quality and capacity, and develop preliminary designs and solutions to business challenges.
- To support & validate any site level initiatives, ensuring that robust technical preparation is completed and confirming that proposals are safe, technically feasible and financially viable.
- To be proactive in assisting the teams with the delivery of planned and reactive workload or technical expertise as and when required.
- To participate in the technical governance of projects/developments. To peer review ongoing work with aim of developing better solutions and adding to the corporate knowledge base.
- Develop a deep technical understanding of the process and become a recognised internal expert. Provide a technical trouble shooting service and support including incident investigation and Root Cause Analysis (RCA).
- Act as the engineering specialist client representative for improvement and continuity projects, and ensure standards are driven and maintained at all times.
- Continuously evaluate equipment reliability and / or performance leading to RCA or similar studies and the planning and implementation of subsequent improvement activity.
- To ensure that all modifications or changes to equipment are in line with safety regulations.
- To provide engineering expertise to assist and influence decision making.
- To keep informed of industry developments, technological advances and operational practices and use these where appropriate to maximise the efficiency and effectiveness of the recycling business and to gain competitive advantage.
- To maintain compliance with all safety and environmental regulations and instructions.

CAPABILITY PROFILE; KNOWLEDGE, SKILLS AND EXPERIENCE

KNOWLEDGE

Essential

KE1: Safety and environmental policies, procedures and regulations

KE2: Knowledge in a technical/process-oriented role from areas such as FMCG/ manufacturing/ waste management

KE3: Knowledge of delivering technical solutions from design through to implementation.

KE4: Good understanding of engineering best practice

KE5: Working knowledge of health and safety regulations. (PUWER, LOLER, Working at height etc)

Desirable

KD1: In depth knowledge of material handling/ material processing in an area such as waste management/ food processing/ or manufacturing

KD2: Knowledge of design of experiments, statistical process control and analysis of quality data.

KD3: Proven record of shaping and delivering process & engineering improvements.

KD4: Knowledge of Energy facilities.

SKILLS

Essential

SE1: Ability to understand root cause and provide effective engineering solutions.

SE2: Strong resilience and show a strong drive for results.

SE3: Ability to think and act strategically, to be able to deal with ambiguity.

SE4: Highly organised and able to plan and prioritise work loads

SE5: Proven change management skills

SE6: Able to lead and motivate others

SE7: Analytical approach to problem solving

SE8: Good fault finding and troubleshooting

SE9: Computer literate with the ability to analyse data, draw conclusions and make appropriate recommendations.

EXPERIENCE

Essential

EE1: Experienced engineer/ process developer with relevant technical background and level of expertise.

EE2: Process Development experience in energy from waste, recycling or similar discipline.

EE3: Team working experience within a department/region.

EE4: Experience in the development of technical solutions from concept selection, through design development, installation and commissioning.

QUALIFICATIONS

Essential

QE1: Degree qualified in a technical discipline or equivalent experience.

Desirable

QD1: NEBOSH General Certificate in health and safety or equivalent.