

job description



Position title	Process Engineer
Date	06.12.23
Line Manager title	MRF Plant Manager
Grade	9

Purpose

Provide general technical and specialist support on process operations as directed by the Plant Manager. To undertake process analysis aimed at optimising the operation of the Material Recycling facility. A key measure will be the reduction of cost and improvement of operational efficiency.

Provide operational support as directed by the Plant Manager.

Key responsibilities

Managing and organising:

- Review and develop new process control philosophy, complete training of operatives and delivery of Plant changes, standards and initiatives.
- Continual evaluation/validation of equipment and processes to ensure both efficiency and quality remain high.
- Provide expert knowledge on equipment and control systems.
- Provide Operational support to the Plant Manager.
- Attain targets for process productivity, process yield and P&L via OPEX control.
- Facilitate / Coordinate Six Sigma Lean Principles on Root Cause & Corrective Actions (RCCA) activities, utilising lean tools and testing new processes.

Control

- Conduct routine material and energy balances for early detection and rectification of process issues.
- Provide technical input for economic evaluation of process improvements and minor projects.
- Use and develop methods of statistical process control for optimization.
- Provide technical input into HAZOP evaluation for new project and major plant refurbishment.
- Develop process standards and implement.
- Qualify the selection of process equipment for new project.
- Ensuring safe working conditions and compliance with health and safety legislation Assess & support safety and environmental issues.
- Focus on continuous improvement, reducing cost and maximising plant efficiency without compromising quality or safety

Key responsibilities [cont'd]

Communication

- Promote through good working practice positive employee relations.
- Promote a safety conscious attitude toward operational activities through sound safe systems of works, accurate and timely reporting and investigation of incidents.
- Prepare and analyse technical and performance information as required by technical and business management.
- Production of reports, data, analysis and business models on specific projects.
- Ensure effective relationship with other departments to plan activities together, working closely with the transformation and technical team.
- Participate in SUEZ managerial meetings

Duties to include:

Any other duties that are reasonably required within the scope of the job role.

Fully compliant and aware of SUEZP&P's.

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Skills

- Conversant with MS packages
- Experience of working in a process industry
- Experience in managing people.
- Familiar with Distribution Control, Systems.
- Excellent communication skills – working with people across the organisational structure linked to the process, they have to be able to manage people well and communicate new ideas effectively
- Highly IT literate with a strong knowledge of Microsoft Office, in particular Excel, PowerPoint and Word with knowledge of other Microsoft products such as Access and Project being an advantage

Behaviours

- The candidate must demonstrate a highly professional manner.
- Calm under pressure – must be able to troubleshoot at an advanced level. If a problem is delaying process / supply, they must be able to come up with effective working solutions quickly
- Supporting
- Leadership
- Goal setting
- Cooperation
- Dependability
- Act in a honest, responsible and respectful manner to others
- Be responsible for their own professional conduct
- Comply everywhere and in all circumstances with the laws and regulations connected with their activities
- Comply with our obligations to our partners such as shareholders, associates, clients, suppliers and the community

Knowledge

- Knowledge of a Material Recycling Facility process would be an advantage to support customer requirements to promote sustainable and profitable partnerships.
- Sound understanding of processing with engineering bias. (preferably a degree in Process Engineering)
- Lean Six Sigma Green Belt would be desirable

Specific candidate requirements

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Qualifications

- Degree in Process or other Engineering discipline, or equivalent, or HND in a relevant Engineering discipline with appropriate experience.

Please note: The content of this job description reflects the main duties and responsibilities of the job and is not intended to form part of the contract of employment. SUEZ may revise the content of the role and responsibilities at its discretion.