



Job Description

Position	Production Engineer
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Location:	Birtley, Vigo 2, NE38 9DA
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Reports to:	Production Manager
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Main purpose of the position	<p>Walker Filtration employs some 300 employees around the world, serving 100+ countries from our headquarters in the North East of England. With a strong brand name and portfolio that is present across the world, we play an important role in the design and manufacture of innovative and market leading solutions for the treatment of compressed air and gas.</p> <p>The main purpose of this role will be to develop and improve automation. You will need to study current product and manufacturing methods, analyse and research to implement improvements throughout the medical products section. You will be responsible for continuously implementing methods to increase efficiencies whilst sustaining world class production quality.</p> <p>This role will report to the Production Manager whilst working closely with Production Supervisors and QA Engineering team.</p>
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Direct responsibilities

Automation

- Subject Matter Expert, advising, leading or directing automation aspects of projects.
- Develop and implement automation to support business growth.
- Implement and support continuous improvement via automation.
- Liaise with on site Engineers and Manufacturing teams to identify optimal automation solutions, support implementation and ensure appropriate metrics and control mechanisms are in place to achieve sustainable gains.
- Collaborating with key stakeholders, this position will deliver industry best practice automation through effective project management and implementation.
- Work with Vendors to establish best practical automation solutions and ensure conformity of vendor supply.

Production Process Improvement

- Develops manufacturing processes by studying product requirements, researching, designing, modifying, and testing manufacturing methods.
- Improves manufacturing efficiency by analysing and planning work flow, space requirements, and equipment layout.
- Assures product and process quality by designing test methods; testing finished-product and process capabilities, establishing standards, confirming manufacturing methods.
- Recommend, innovate and implement revised methods and processes to ensure labour costs are in line with Company objectives.

Standard Operating Procedures

- Develop best practices, routines and innovative solutions to improve production and quality of output.
- Set targets in line with the department objectives for the creation and management of all product and process SOP's, ensuring control and adherence within the manufacturing environment.
- Promote a culture which ensures discipline of standards and expectations are followed and met at all times.
- Provide process documentation.
- Roll out training programmes for all new methods introduced.

Key Performance Indicators Dashboard

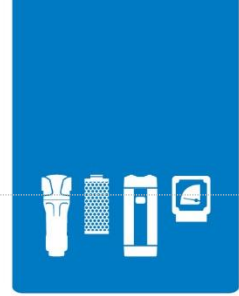
- Develop and implement a KPI dashboard to be submitted weekly to the Production Manager, ensuring the results are communicated as required.
- Prepares product and method reports by collecting, analysing, and summarising information and trends.

Projects

- Identify and manage resources to execute method improvement medical projects.
- Prioritise and develop projects based on critical needs.
- Recommend new ideas and techniques to ensure project success.
- Develop projects within allocated timelines and budget.
- Ensure compliance with Company and industry standards.

Health and Safety

- Always be 100% safety conscious in all aspects of working within the medical section to eliminate any accidents or near misses
- Assist in completion of risk assessments when required.
- Identify, eliminate, isolate and minimize workplace hazards.

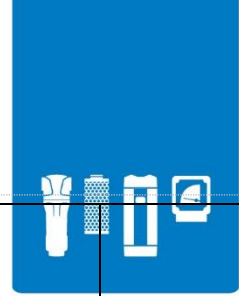


Other

- Inform Production Manager of any significant safety issue.
- Provide production engineering information by answering questions and requests.
- Maintain professional and technical knowledge by attending educational workshops, reviewing professional publications; establishing personal networks, participating in professional societies.
- Maintains product and company reputation by complying with government regulations.

Role requirements:

Attributes	Criteria	Rank Essential (E) or Desirable (D)
Relevant experience	<ul style="list-style-type: none"> • Proven experience of lean manufacturing, continuous improvement and business development tools and techniques. • Using automation to optimise efficiencies • 3 years' experience in an industrial manufacturing role. 	<p>Essential</p> <p>Essential Desirable</p>
Education and Training	<ul style="list-style-type: none"> • Degree educated in a relevant field or relevant experience with equivalent qualifications (HND / HNC). • Experience of working to stringent audited ISO quality standards. • Working knowledge of FMEA, 8D, Ishikawa diagrams, 5-why and SPC. • Hands on Six Sigma experience. 	<p>Essential</p> <p>Essential Desirable Desirable</p>
Skills, abilities and specialist knowledge	<ul style="list-style-type: none"> • Ability to work on own initiative with a pro-active strategic approach to challenges. • Attention to detail. • Confident commercial awareness and clear business acumen. • Ability to influence individuals and teams to achieve desired goals and objectives. • Excellent oral and written communication skills. • Effective team player. • Ability to take a systematic approach to daily operations. • Highly motivated and able to build close relationships internally and externally to achieve an end goal. • Customer and market orientated. • Systems focused. 	<p>Essential</p> <p>Essential Essential Essential Essential Essential Essential Essential</p> <p>Essential Essential</p>



<p>Any Additional Factors</p>	<ul style="list-style-type: none"> • Full UK driving license and willingness for occasional travel 	<p>Desirable</p>

This job description sets out the main duties and responsibilities of the job-holder. It does not constitute an exhaustive or comprehensive description of duties and the job holder will be required to carry out any additional tasks as and when requested to do so by their manager. Responsibilities and duties may also change in light of future business needs and personal development.