

Position Description

Title: Design Engineer

Reports to: *Head of Research and Design*

Direct Reports: *N/A*

Direct Relationships:

Indirect Relationships: *All Borg&Overstrom staff*

Purpose:

This position has responsibility for Borg&Overstrom's electro, mechanical design and drawing for the Borg&Overstrom products. The role includes ensuring machines comply to industry standards and ensuring the required level of quality and reliability is achieved.

The role is responsible for turning an idea into design and drawing and working with a team to project manage the manufacturing of prototypes and final build. The role also includes responsibility for improving the performance and efficiency of existing systems and products.

Borg & Overstrom Core Expectations	
1.	Lead by example, demonstrate and support Borg&Overstrom's ethics and values; Work as a team - Have mutual respect, share challenges and take responsibility together. Keep focused - Concentrate on the goal and give priority to what matters most. Let your enthusiasm show - Demonstrate the passion for what you do. Always achieve excellence - Give your best and do more than expected. Be dependable - Always be transparent, reliable and trustworthy
2.	Lead by example, participate in, promote and uphold the Mission and Vision of Borg&Overstrom
3.	Lead by example, understand, communicate and support the policies and procedures of the organisation

Key Area	Key Responsibilities
<p>Research</p>	<ul style="list-style-type: none"> - Research new developments and innovations - Research existing industry products and plan improvements - Make recommendations to improve production efficiency and improvement of exiting products - Continually innovating, looking for opportunities to stay ahead of the market
<p>Design and Drawing</p>	<ul style="list-style-type: none"> - Develop and implement design strategies - Responsible for CAD drawings and other schematics needed - Responsible for Electronic/Microprocessor system design for Borg and Overstrom products - Injection Moulding part design - Design to Harmonised standards - Design products with Lean manufacturing in mind - Estimate and establish cost parameters and budgets for design
<p>Technical Documentation</p>	<ul style="list-style-type: none"> - Responsible for the creation of technical information for Product Manuals, Data sheets - Participate in creation of Manufacturing documentation, Test inspection procedures, Test plans
<p>Accreditations</p>	<ul style="list-style-type: none"> - Work to ISO 9001 standard - Designs to meet regulatory and certification needs of the Water Cooler market Borg and Overstrom supplies - for example Water Quality, NSF, UL - Collaborate with relevant Accreditation bodies during design phase to ensure product fit
<p>H&S</p>	<ul style="list-style-type: none"> - Ensure that the company and your own work environment is conducive to good health and safety by complying with H&S policies, procedures, instructions and taking care for your own health & safety and the health and safety of others who may be affected by your actions - Ensure compliance with all local regulations

Key Performance Indicators	
1.	Completion of projects to agreed timescale
2.	Successful implementation of products
3.	
4.	
5.	

Education/ Experience Required
<ul style="list-style-type: none">- Minimum Bachelor's Degree in design engineering, Industrial or Product Design, electronics engineering or mechanical engineering.- Minimum of 5 years of proven Design Engineer experience- Broad range of skills in electronics and electro-mechanical engineering- Injection moulding design experience- Experience working with computer-aided engineering (CAE) and computer-aided manufacturing (CAM)- High competency using mainstream drawing programs- Project management experience in new product design- Technical Documentation writing

Skills & Attributes

- Commitment to Borg&Overstrom's Vision, Values and ethics
- Creative approach to generating new ideas
- Strong intellect, clarity of mind, at home with technical, commercial and operational complexity with the ability to identify and manage key drivers of value for the business
- Ability to relate design of product to lean manufacturing
- Excellent Communication skills
- Commercially astute, understanding where value can be built into the company
- Collaborator and team player yet able to retain independence of thought
- Absolute integrity – trusted and respected with the ability to bring both transparency and discretion as required
- Ability to manage multiple tasks systematically and effectively
- Accurate and precise attention to detail
- Maintain a high standard of ethics and controls

Additional Requirements:

- Valid driver's licence
- Valid passport