

JOB DESCRIPTION

Job Title:	Software Systems Engineer	
Full or part-time role:	Full time - 40 hours per week	
Company:	Supacat Ltd	
Main purpose:	Create innovative and cost-effective designs using CAD to a high standard and on time	
Issue & Date:	Issue 03	29/06/22

SC Group encompasses a group of companies within the UK and Australia who design, manufacture and distribute special purpose machines and equipment. As an employee within the Group of companies you should work as part of the team, be flexible in your approach to your work and fulfil any reasonable request to do tasks that may arise and is within your capability. However, the information below provides details on the key responsibilities of your role.

KEY AREAS	Key Responsibilities	Other Responsibilities
	<ul style="list-style-type: none"> Develops appropriate solutions to technical issues and challenges Produce designs to meet the agreed requirements to time and cost Adhere to SC Group issue control process using SC Group Processes Prepare documentation for project reviews Generate software to meet the software specification, SC Group Procedures and contracted standards Check software specifications and ensure they meet the agreed requirements Acquire, apply and continuously improve overall electrical, electronics and software system knowledge relevant to SC Group market sectors, including intelligent system design and constituent parts Produce schematic diagrams to meet the task requirements Generate project estimates using SC Group processes Lead specification change throughout the electrical design team 	<ul style="list-style-type: none"> To know and understand the Company Handbook and follow the Company's policies with regard to Quality, Health and Safety, Security and IT where appropriate. Your role may be subject to Data Protection Act and Official Secrets Act. Confidentiality must be maintained at all times. To maintain an awareness and observation of Fire, Security and Health and safety regulations. Ensure all personal data is managed in accordance with company policy Report writing, approval and project information recording. Contribute to continuous development of the business Up-issue drawings when requested

Employee	Name:	Signature:
		Date:
Manager	Name:	Signature:
		Date:



PERSON SPECIFICATION

	Essential	Desirable
Work based competences	<ul style="list-style-type: none"> 3D Cad skills preferably with SolidWorks, although adaptation training will be given if necessary. Proven capability of creating detailed 3d models and accurate engineering drawings of components and assemblies. Practical engineering knowledge of a range of automotive systems. Good working knowledge of Microsoft Office. Effective comms. with all customers internal and external Computer literate and able to adapt to different software and resolve basic computer problems with minimal help. Good report writing and project information recording. 	
Behavioural competencies	<ul style="list-style-type: none"> Approachable and dependable Logical and thorough approach to record keeping Able to meet deadlines and control budgets Drive to achieve quality in all that he/she does Able to work effectively under pressure 	
Qualifications & experience	<ul style="list-style-type: none"> Minimum of HNC qualification in Electrical/ software systems subject IEng Design and Control system experience Evidence of Continuous Professional Development. 	<ul style="list-style-type: none"> Bachelors/Master's degree in relevant electrical/software systems subject Automotive systems experience
Organisational fit	<ul style="list-style-type: none"> Effective and honest communicator Team player and able to work on your own initiative and maintain your own motivation. Has a positive approach to problems. Understands and embodies the company core values Has the desire and ability to contribute to the company as a whole. 	<ul style="list-style-type: none"> Balances creative flair with a disciplined approach and good organisational skills