
JOB DESCRIPTION

Job Title	Senior Mechanical Technician
Department / Code	Mechanical Engineering & Design, BMD
Main Purpose of Job	Inspect, support, modify, assemble, maintain & repair all mechanical aspects of F1 equipment in the UK and abroad (at events) Understand and produce high quality products from mechanical drawings provided, Air conditioning system knowledge and heavy race travel
Responsible To <i>(Specify who the Post Holder should Report to)</i>	Mechanical Operations Manager

Main Duties and Responsibilities

1. Inspect, support, modify, assemble, maintain, and repair all mechanical aspects of FOM equipment (in the UK and abroad), including rapid fault finding, evaluation and diagnosing of problems that occur in an accurate and timely manner (mechanical fitter).
2. Understand and produce high quality products from mechanical drawings provided.
3. Travel to events abroad as Maintenance Technician when required; assist co-ordinate rigging and de-rigging mechanical equipment and structures as required. This will consist of heavy race support travel and is a core travelling role.
4. Maintain and keep in good order department tools including power tools also maintain Mechanical Engineering stores and prepare components to be sent to an event.
5. Support and feedback into the drawing office when required and assist in development of prototypes.
6. Basic air-con, fault detection and repair, create and maintain service schedules, determine spares requirements and co-ordinate repair and service work.

OTHER

- To complete all mandatory training within specified timelines.
- To operate safely at all times in line with Company health and safety requirements.
- To undertake other duties within your capabilities as your Department Manager or Team Manager may assign to you from time to time.

Person Specification

	Essential	Desirable
Qualifications	<ul style="list-style-type: none"> Apprenticeship or recognized qualification (NVQ 3, BTEC level 3 or degree in a mechanical engineering environment) 	<ul style="list-style-type: none"> Qualified to operate Forklift and Merlot, Cherry Picker and Scissor Lift.
Experience	<ul style="list-style-type: none"> Extensive experience in a Mechanical Engineering environment Thorough and reliable individual showing attention to detail and a focus on achieving objectives in most safe and efficient manner Professional manner of working 	
Knowledge & Skills	<ul style="list-style-type: none"> Ability to read and understand mechanical layout and engineering drawings. Ability to diagnose and rectify mechanical faults and willingness to undertake repair work. Ability to weld using MIG, TIG, arc and Gas welding and cutting equipment. Basic Air-conditioning fault diagnosing and servicing ability. Aware of machine shop and fabrication techniques. Excellent computer literacy. Familiar with a comprehensive range of materials, manufacturing processes, adhesives, and mechanical fixings Must have the ability to compile technical reports with associated drawings as required, pertaining to mechanical systems or operations. Carrying out unplanned maintenance as required Thorough and reliable worker showing attention to detail and a focus on achieving objectives in the most safe and efficient manner 	<ul style="list-style-type: none"> AutoCAD (2D) Able to manage multiple projects concurrently Able to feedback to the drawing office with design modification and change requests Demonstrate good teamwork and interpersonal skills and ability to thrive in a close, multi-discipline environment. Maintain positive and tactful relationships with others. Share knowledge freely with others to ensure best practices. Proactive approach to H&S initiatives Assisting with the co-ordination of spare part requirements and optimising of spares stock levels
Personal Qualities	<ul style="list-style-type: none"> Ability to work unsupervised using own initiative. Must have a versatile and flexible working attitude. Good computer literacy. 	<ul style="list-style-type: none"> Willingness to learn and adapt to new processes and technologies Able to work and managing in a fast-paced environment.
Other	<ul style="list-style-type: none"> EU driving license Ability to travel 	