

JOB DESCRIPTION

Job Title	Track Systems Technician
Department / Code	BTS/Track Systems
Main Purpose of Job	Installation, deployment and management of the F1 timing data acquisition and communications system at F1 race locations.
Responsible To <i>(Specify who the Post Holder should Report to)</i>	Track Systems Team Manager (F100)

Main Duties and Responsibilities

- Competently install the timing loops, beacons and track temperature sensors in the surface of the track. This involves manual work including digging, soldering, operation of machinery and tools (for which health and safety training will be provided).
- To work in a safe way at all times with consideration to company and location specific Health and Safety requirements.
- Installation, testing and termination of co-axial cable and multi core twisted pair data cable used for loop and decoder data communications.
- Test and verify correct function of all timing data acquisition equipment and related hardware.
- Fault finding on basic IT networks and cable systems
- Laying co-axial or multi core data cable used for data communication connections in an outdoor environment, i.e. around a race track.
- Compile and publish reports for the department.
- Be prepared to work in an outdoor environment in a multitude of global destinations.
- Ensure department and company tools and equipment are correctly used, maintained and freighted between races.
- Read, comprehend and work to the F1 Circuit Drawings to achieve the correct equipment setup for a race.

Person Specification

	Essential	Desirable
Qualifications	<ul style="list-style-type: none"> HND standard electrical or electronic qualification or equivalent experience. HNC standard electrical or electronic qualification with minimum 1 year experience 	
Experience	<ul style="list-style-type: none"> Fault finding on electrical/electronic wiring systems. Reading, understanding and working to wiring diagrams and technical drawings. 	<ul style="list-style-type: none"> Working knowledge of IP addressing, TCP/IP communications. Previous experience working in similar environment such as electronics or network IT
Knowledge & Skills	<ul style="list-style-type: none"> Basic use of Microsoft Windows Excel and Word Basic IT skills and computer experience. Ability to learn bespoke department software systems. 	<ul style="list-style-type: none"> Fault diagnostic experience
Personal Qualities	<ul style="list-style-type: none"> Well presented, organised and a positive can-do attitude. Strong team working ability – capable of working outdoors in both hot and cold weather. Ability to travel on a regular basis for extended periods (1 to 3 weeks). Willingness to learn new skills and a keen interest in the technical subjects related to the job role. Excellent communicator with ability to express oneself accurately and concisely. Good time management skills. 	
Other	<ul style="list-style-type: none"> Driving license – able to drive abroad. Able to take an international flight. 	

