
JOB DESCRIPTION

Job Title	Circuit Engineer / Surveyor
Department / Code	TrackSystems, BTS
Main Purpose of Job	To co-ordinate and plan the permanent and temporary requirements at the F1 events for Formula One Management Limited and associated companies.
Responsible To <i>(Specify who the Post Holder should Report to)</i>	Team Leader TrackSystems Group Manager

The TrackSystems Department are looking for a Circuit Engineer/Surveyor to join the Circuit Engineering section. Circuit Engineering's main areas of responsibility comprise the design, coordination and project management of the circuit to ensure that it's ready for the Formula 1 event.

Main Duties and Responsibilities

1. To travel to up to 10 races per year for possibly up to 2 weeks at a time.
2. To liaise with all Company departments regarding F1 systems equipment locations and to prepare and compile drawings of circuit equipment layout and rig plan, team garage/paddock allocations, Broadcast Centre and TV Compound layouts and other drawings as required.
3. To use AutoCAD 2019 to prepare drawings. Must be comfortable with the use of XREFs, attributed blocks and dynamic block creation.
4. To act as liaison between F1, the circuit, the FIA and outside contractors at the circuit to facilitate the smooth running of the Grand Prix from the Company's perspective.
5. To carry out GPS, Total station and laser scanning surveys of track and other areas as required using Trimble R10 / SX10 survey equipment.
6. To carry out measured building surveys of garages including services and surveys of other buildings such as the control tower etc.
7. To liaise with the Circuit and FIA personnel to identify track safety lines and marshal light positions
8. To operate safely at all times in line with Company health and safety requirements.
9. To undertake other duties within your capabilities as your manager may assign to you from time to time.
10. To undertake mandatory training within the specified time limits.

Person Specification

	Essential	Desirable
Qualifications	<ul style="list-style-type: none"> ▪ Degree, ONCor HND/HNC in Civil Engineering, Construction Management or Building Studies and/or sufficient experience in a civil engineering or construction environment 	
Experience	<ul style="list-style-type: none"> ▪ Construction or civils background 	
Knowledge & Skills	<ul style="list-style-type: none"> ▪ Proficient with AutoCAD ▪ Ability to use Total station / GPS survey equipment and associated software ▪ Good communication skills dealing with FOM personnel and circuit personnel. Report writing, chair meetings and verbal discussions. ▪ Excellent attention to detail. ▪ Ability to work under pressure unsupervised or as part of a team. ▪ Good organisational skills. 	<ul style="list-style-type: none"> ▪ Experience of Laser scanning
Personal Qualities	<ul style="list-style-type: none"> ▪ Confident ▪ Professional ▪ Self-motivated ▪ Team player 	
Other	<ul style="list-style-type: none"> ▪ EU driving license ▪ Freedom and desire to frequently travel for up to two weeks at a time. Up to ten times a year. 	<ul style="list-style-type: none"> ▪ Reside in close proximity to Biggin Hill