

Senior Power Engineer, job ref: JT/284	
Responsible For	Power System Engineering within the power team - at an intermediate to senior level.
Key Purpose of Job	To support the design, production and test of power systems and associated test hardware.
Key Tasks	<p>Primary role will be Power System Responsible Engineer for a specific mission. Typical duties for this role include:</p> <ul style="list-style-type: none"> • Budget and schedule responsibility of power system production • Evaluation of mission power requirements and top-level system design. • Circuit level design where required. • Component selection. • Schematic capture and coordination of PCB design. • Management of power system production/assembly. • Power system test (bench, environmental and spacecraft level tests) • Authoring of technical documents (including test procedures, reports and technical descriptions). <p>In addition to the primary role, other responsibilities will include:</p> <ul style="list-style-type: none"> • Development of circuits for future missions. • Interaction with customers.
PERSON SPECIFICATION	
Qualifications	<ul style="list-style-type: none"> • Minimum - Bachelors degree in Electronics, with Power Electronics content preferred. • Equivalent demonstration of ability to this level through experience may also be considered.
Experience	<ul style="list-style-type: none"> • Demonstrable experience in an analogue/power electronics role. • Experience in spacecraft power electronics preferred but will consider experience gained in Aerospace, defence, industrial or automotive industries.
Knowledge & Skills	<ul style="list-style-type: none"> • Good all round technical knowledge. • Thorough understanding of analogue and power electronics. • Knowledge of solar arrays and battery chemistries would be an advantage but not essential. • Excellent inter-personal skills - both written and oral communications; ability to interface with customer and technical representatives • Highly organised • Ability to work under pressure • Flexible & adaptable to changing priorities • Ability to work simultaneously on a variety of projects
Location	<ul style="list-style-type: none"> • Guildford, Surrey

