

CANDIDATE SPECIFICATION



JOB TITLE	Design Engineer	
REPORTING TO	Engineering Manager – Galley Programmes	
DEPARTMENT/SUB DEPARTMENT	Engineering, Galley	
LOCATION	Southend-On-Sea	
OVERALL PURPOSE		
To undertake design and development activities related to Galley Insert products.		
PRINCIPLE ACCOUNTABILITIES		
<ul style="list-style-type: none"> • Creation and modification of 3D CAD models (CATIA), assemblies and manufacturing 2D drawing in accordance with to company standards and procedures, • Detail design of component parts and minor assemblies – both mechanical and electrical, • Investigation of manufacturing and assembly issues, • Creation of related design documentation such as structural procedures and reports, • Providing support to verification test activities, • Participation in project team meetings and design reviews as necessary, • Participation in certification and qualification test activities liaising with other internal/external resources as required, • Responsible for ensuring that a high standard of housekeeping is maintained, • To support team members with other tasks as and when necessary, • To help create and maintain a safe working environment and observe the published Health and Safety procedures, • To carry out any other tasks where reasonable and relevant, when required. 		
QUALIFICATIONS	ESSENTIAL	DESIRABLE
BSc / BEng in mechanical design engineering or equivalent	✓	
Masters degree in mechanical design engineering or equivalent		✓

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EXPERIENCE/ SKILLS	ESSENTIAL	DESIRABLE
Use of 3D CAD system	✓	
Knowledge of CATIA V5		✓
PC literate with a working knowledge of Microsoft Office package	✓	
Ability to demonstrate a methodical, organized and flexible approach to work	✓	
Ability to plan, organize and prioritize workload to meet deadlines	✓	
Capable of reading drawings and schematics (mechanical, electrical, hydraulic ...)	✓	
Solid understanding of engineering principals including thermal management, electrical and mechanical systems and reliability engineering	✓	
Solid understanding of manufacturing processes appropriate to aerospace products		✓
Experience of design, testing, qualifying and certifying aerospace products		✓
Experience on aircraft or defence products in a multi-disciplinary context		✓
Able to travel and work overseas from time to time	✓	
Knowledge of development and related quality and configuration management processes		✓
Knowledge of requirements management and DOORS or similar systems		✓
Knowledge of DO-160, SAE 8049, SAE 8057 and other standards relevant to the development of aerospace interior equipment		✓
Ability to work independently while collaborating in a team environment	✓	
Ability to work under pressure and to deadlines	✓	
PERSONAL SKILLS	ESSENTIAL	DESIRABLE
Team Player	✓	
Strong Work 'Can-do Ethic'	✓	
Exceptional at building relationships	✓	
Excellent Customer Service skills	✓	
Strong attention to detail and time management	✓	
Exceptional Planning and Organisation skills	✓	
High awareness of Productivity and Quality	✓	
Excellent Communication skills	✓	
Flexibility	✓	
Takes Responsibility for actions	✓	
Learn, Apply and Improve	✓	