

INDUSTRY CLASSIFICATION (O2) - Defence Industry - Sea Systems

AGE AT INTERVIEW 49

ELECTION OR TRANSFER TO: Member

FIRST DEGREE 2:1 Hons. from Imperial College in Mech. Eng., 1971

SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS - None

EXPERIENCE PRIOR TO PRESENT POSITION

Rolls Royce & Associates Ltd., 1973-1977 - Engineer, Plant Hydraulics & Reactor Kinetics; 1977-1979 - Section Leader, Primary Plant Hydraulics; 1979-1982 - Section Leader, Thermal/Hydraulics; 1982-1984 - Section Leader, Plant Performance; 1984-1987 - Secondment to MoD; 1987-1989 - Group Leader, Fuel Handling/Dockyard Safety; 1990-1994 - Project Manager; 1994-1997 - Safety Manager, D154 Project.

PRESENT POSITION

Rolls Royce Marine Power, 1997-present - Dockyard Safety Specialist, providing specialist support to the D154 Project for all aspects of dockyard safety. Duties and responsibilities include:

- Providing direct support and guidance to Departmental staff in his specialist field
- Encouraging the best use of resources to ensure that acceptable quality is maintained against the technical business objectives
- Providing specific support to other teams within Rolls Royce plc where value can be added, in agreement with the Chief Engineer
- Maintaining a professional awareness of appropriate technologies and technical management practices and developing them into the D154 project
- Working closely with the licensing authorities and regulators to improve the efficiency of the interfaces
- Acting as the Rolls Royce representative on the DART Alliance Quality Forum
- Acting as Secretary to the Chief Engineer Forums which determine policy on cross-project refuelling and shore systems issues

<u>STAFF REPORTING -</u>	<u>PROFESSIONAL</u>	0
	<u>TECHNICAL</u>	0
	<u>MANUAL</u>	0
	<u>OTHER</u>	0

INTERVIEWERS' COMMENTS

A Demonstrate knowledge and understanding of engineering principles

Key elements of competence	Examples of meeting A
maintains a sound theoretical approach to technology applies a creative approach to problem solving introduction/exploitation of emerging technologies promotes innovation and advances in technology	Detailed knowledge of systems as applied to nuclear reactors. Good knowledge of details required for specific design aspects.

B Demonstrate practical application of engineering knowledge and expertise

Key elements of competence	Examples of meeting B
takes initiative to identify potential projects and opportunities participates in or specifies research, design and development plans and implements solutions	Papers & presentations on removal of "MoD bubble" in dockyards Project & technical manager of DWTF decontamination trial Safety manager on D154 PCD plant

evaluates solutions	Leader of teams identifying solutions to RD57 refuelling problem
identifies what has been learnt from the activity	Disseminated lessons between existing & new design refuelling & DWTF decontamination trial

C Leadership and management

Key elements of competence	Examples of meeting C
experience of effective project planning and implementation	Project manager for DWTF trial and RD57 & D154 tenders & implementation
manages and plans budgets, tasks, people and/or other resources	Annual performance review of all staff; SQEP review of design & safety staff
ensures team members have appropriate skills	Management panel member on D154 development cells
contribution to continuous improvement via quality management	D154 quality manager; member of PRA improvement initiative

D Communication and inter-personal skills

Key elements of competence	Examples of meeting D
demonstrates oral communication skills	Very good oral communicator; presentations to site licence committees
displays written communication skills	Good written report
has the ability to present and discuss ideas and plans	Member of DML licensee team on decay heat removal strategy for Vanguard class refit
ability in team building and negotiating activities	

E Professional conduct

Key elements of competence	Examples of meeting E
compliance with codes and rules of conduct of the profession	Has a very strong and professional approach to his, and his industry's, responsibilities - inherent in his particular job.
application and management of safe systems of work	H&S audits on site; introduced CDM risk assessment processes in RRMP D154 submission
familiar with relevant legislation especially health, safety, risk and the environment	
displays a commitment to undertake continuing professional development, including a personal Development Action Plan	Produced a detailed career Development Action Plan
demonstrates involvement with the IMechE, other professional engineering Institutions, schools, colleges or local other community activities	

COMPETENCES AWARDED

A	B	C	D	E
3	3	4	3	3
3	3	3	4	3

PANEL RECOMMENDATION

Elect to Member

MEMBERSHIP COMMITTEE DECISION

Elect to Member