

INDUSTRY CLASSIFICATION (E) - Aerospace

AGE AT INTERVIEW 30

ELECTION OR TRANSFER TO: Member (from MPDS)

FIRST DEGREE 2:1 Hons. from Nottm. Trent Univ. in Mech. Eng., 1996

SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS - None

EXPERIENCE PRIOR TO PRESENT POSITION

BREL, Derby, 1986-1991 - Mechanical Engineering Apprentice - Diesel engine fitter for 7 months.

Honormead Ltd., Derby, 1991-1992 - Site Engineer.

Courtaulds Chemicals, Coventry, 1994-1995 - Assistant to Site Services Manager.

Rolls Royce plc, Derby, 1996-1998 - Graduate Trainee. Project team won the much-coveted Rolls Royce Chairman's Award for 1997.

Rolls Royce plc, Derby, 1998-2000 - Validation Engineer.

PRESENT POSITION

Rolls Royce plc, Derby, Jan.2000-present - Fan, Compressor and Transmission Development Engineer.

<u>STAFF REPORTING -</u>	<u>PROFESSIONAL</u>	0
	<u>TECHNICAL</u>	1
	<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	With BREL was involved with high-temperature materials for gas turbines. Investigated methods of performing bearing load tests. Won Chairman's Award.

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 evaluates solutions identifies what has been learnt from the activity	Responsible for initiating procedures and instrumentation for engine tests. Produces test reports and certifies components.

C Leadership and management

Key elements of competence	Examples of meeting C
experience of effective project planning and implementation	Produces plans for problem investigations.

manages and plans budgets, tasks, people and/or other resources ensures team members have appropriate skills contribution to continuous improvement via quality management	Technician reports to him in his area.
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D Communication and inter-personal skills

Key elements of competence	Examples of meeting D
demonstrates oral communication skills displays written communication skills has the ability to present and discuss ideas and plans ability in team building and negotiating activities	Was nervous and, in the words of his mentor, “very modest”. Presented his ideas well. Has had no opportunity, as far as we could tell, to build teams.

E Professional conduct

Key elements of competence	Examples of meeting E
compliance with codes and rules of conduct of the profession application and management of safe systems of work 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 demonstrates involvement with the IMechE, other professional engineering Institutions, schools, colleges or local other community activities	Maintains pressure systems and crane inspection register. Wants to move into management in due course. No involvement with IMechE but some with schools.

COMPETENCES AWARDED

A	B	C	D	E
3	3	2	2	3
3	3	3	3	3

PANEL RECOMMENDATION

Transfer to Member

MEMBERSHIP COMMITTEE DECISION

Transfer to Member