

INDUSTRY CLASSIFICATION (W) – Gas Industry

AGE AT INTERVIEW 29

ELECTION OR TRANSFER TO: Member

FIRST DEGREE 2:1 Hons. from in Mech. Eng., 1994

SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS – Post-Graduate Diploma in Advanced Manufacturing Systems from Nottingham Trent University, 1996

EXPERIENCE PRIOR TO PRESENT POSITION

Racal Radar Defence Systems Ltd., 1992-1993 – industrial placement
Rolls Royce plc, 1996-1998 – Stress Engineer, Blades, Turbine Systems
Advantica, 1998-2001 – Engineer working on development of oil and gas drilling techniques

PRESENT POSITION

BG Technology, 2001-present – Engineer. Work currently involves development of systems to assist in the management and operation of various Transco departments.

STAFF REPORTING -

<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	Finite element analysis of salt squeeze in North Sea gas field Research into decommissioning of wells

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	Reports on all of above

C Leadership and management

Key elements of competence	Examples of meeting C
<p>experience of effective project planning and implementation</p> <p>manages and plans budgets, tasks, people and/or other resources</p> <p>ensures team members have appropriate skills</p> <p>contribution to continuous improvement via quality management</p>	<p>Intranet project management</p> <p>Rolls Royce strain gauge testing project on high-cycle fatigue</p> <p>5 staff report to her on a secondment basis</p>

D Communication and inter-personal skills

Key elements of competence	Examples of meeting D
<p>demonstrates oral communication skills</p> <p>displays written communication skills</p> <p>has the ability to present and discuss ideas and plans</p> <p>ability in team building and negotiating activities</p>	<p>Speaks reasonably confidently</p> <p>Presentations to BG personnel (Drilling Manager, etc.)</p>

E Professional conduct

Key elements of competence	Examples of meeting E
<p>compliance with codes and rules of conduct of the profession</p> <p>application and management of safe systems of work</p> <p>familiar with relevant legislation especially health, safety, risk and the environment</p> <p>displays a commitment to undertake continuing professional development, including a personal Development Action Plan</p> <p>demonstrates involvement with the IMechE, other professional engineering Institutions, schools, colleges or local other community activities</p>	<p>No involvement in provision of safe working environment at present</p> <p>Committed to observing correct working procedures</p> <p>Has made presentations in schools on the theme of "Women in Engineering"</p>

COMPETENCES AWARDED

A	B	C	D	E
3	3	2	3	2
4	3	3	3	2

PANEL RECOMMENDATION

Transfer to Member

MEMBERSHIP COMMITTEE DECISION

Transfer to Member