

INDUSTRY CLASSIFICATION

(F) - Power Generation - Non-Nuclear

AGE AT INTERVIEW

32

ELECTION OR TRANSFER TO:

Member

FIRST DEGREE

2:1 Hons. from University of Warwick in Engineering (Design & Appropriate Technology), 1995

SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS

M.Eng. (Hons.)

EXPERIENCE PRIOR TO PRESENT POSITION

INCO Alloys Ltd., 1987-1991 - 4-year metallurgist/technologist apprenticeship.

PRESENT POSITION

PowerGen plc, 1995-present - Structural Assessment Engineer, Power Technology. Provides specialist advice to power stations on plant integrity, inspections, fitness for service, etc.
No direct responsibility for staff but can call in resources as required.

<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	His work demands competence and the ability to apply new technologies. He has re-evaluated previous proposals for repairs, using numerical methods to predict performance and failures in complex structures.

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	Presented reports showing how he applied solutions to problems successfully (wrong solutions could be catastrophic). Has a very in-depth knowledge in his own area of work.

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>Limited scope for these but, in discussion, he was aware of these aspects and their implications for successful project completion.</p> <p>He buys in expertise where necessary.</p> <p>Is involved in training staff in new procedures.</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>His reports were confidently discussed during interview. Obvious ability to communicate.</p> <p>Not easy to decide from written report.</p> <p>Seems to work very well within teams.</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>Safe working principles applied throughout his work.</p> <p>Action Plan presented.</p> <p>Volunteered but work commitments prevented his taking part.</p>

COMPETENCES AWARDED

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

PANEL RECOMMENDATION

Transfer to Member

MEMBERSHIP COMMITTEE DECISION

Transfer to Member