

**INDUSTRY CLASSIFICATION**

(F) - Power Generation - Non-Nuclear

**AGE AT INTERVIEW**

27

**ELECTION OR TRANSFER TO:**

Member

**FIRST DEGREE**

2:1 Hons. from RMCS Shrivenham in Aero-Mech. Systems Engineering, 1994.

**SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS** - None**EXPERIENCE PRIOR TO PRESENT POSITION**

PowerGen plc, 1994-1996 - Graduate Trainee Mechanical Engineer, Kingsnorth P.S.

**PRESENT POSITION**

PowerGen plc, Cottam P.S., 1996-present - Mechanical Engineer. Works in the Water Preparation Team (HP and LP feed systems, feed pumps, valves, etc.) Qualified risk assessor.

<b><u>STAFF REPORTING -</u></b>	<b><u>PROFESSIONAL</u></b>	0
	<b><u>TECHNICAL</u></b>	8
	<b><u>MANUAL</u></b>	30
	<b><u>OTHER</u></b>	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	From the scope of his work and the projects he has been involved with, he shows ample understanding of a wide range of energy principles within the power industry.  Feed heater repairs involved theoretical analysis and innovative problem-solving ability.

**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	Has shown considerable initiative in the handling of the projects he's been dealing with and in the solution of problems he's been faced with.  Considerable benefits have evolved from these projects.

**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>Has been a project manager with up to 30 technicians/tradesmen in his team and has carried out financial assessments.</p> <p>Works entirely within a project environment, with a considerable number of staff.</p> <p>New rôle managing a large team</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>Communicates readily and with relative ease verbally and, judging from his reports, in written form. Is well able to put his ideas across - including to schoolchildren.</p> <p>Innovative feed heater repair technique "sold" within PowerGen.</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>Works within the industry framework of safety and is currently undertaking own programme of career development and CPD.</p> <p>Strong commitment to engineering profession.</p> <p>Sees IMechE as important in maintaining "currency". Work with schools.</p>

**COMPETENCES AWARDED**

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

**PANEL RECOMMENDATION**

Transfer to Member

**MEMBERSHIP COMMITTEE DECISION**

Transfer to Member