

INDUSTRY CLASSIFICATION

(F) - Power Generation - Non-Nuclear

AGE AT INTERVIEW

28

ELECTION OR TRANSFER TO:

Member (from MPDS)

FIRST DEGREE

2:1 Hons. from Univ. of Huddersfield in Eng. Design (Mechanical), 1997

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

Ruston Gas Turbines, 1988-1991 - Technician Apprentice

European Gas Turbines, 1991-1993 - Draughtsman

European Gas Turbines, 1997-1998 - Design Engineer

PRESENT POSITION

Alstom, 1998-present - Senior Design Engineer. Core business is heavy-duty gas turbines for industrial power generation, generator, compressor and pump drives, CHP units. Works in a matrix organisation within the design team.

<u>STAFF REPORTING -</u>	<u>PROFESSIONAL</u>	0
	<u>TECHNICAL</u>	1
	<u>MANUAL</u>	2
	<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	Appears to maintain a sound theoretical approach to design technologies. The problem-solving approach is methodical with some evidence of introducing new technologies pushing the technical performance envelope of the company's gas turbine products. Input tends to be reactive, despite matrix style of management.

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 been receiving projects with increasing levels of responsibility, culminating in his most recent with design, external sourcing and project management. Although of a technical bias, some commercial experience is evident as the product change is planned, sometimes implemented and evaluated and improvements fed into future products.

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>Demonstrates increasing levels of project planning including limited staff and resources, some external to organisation.</p> <p>Given responsibility for training NVQ-level technicians, although they may not be part of any team responsible.</p> <p>Limited appreciation of quality management.</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>Clear oral presentation and answering of questions.</p> <p>Good career development and action plan during MPDS.</p> <p>Considerable experience in teams with task autonomy, able to negotiate with other technical functions and associated personnel.</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>Fully aware of the rôle of the engineer in society.</p> <p>No direct experience of safety but aware of responsibilities.</p> <p>Little or no relevant legislative experience other than related to products in a general sense.</p> <p>Maintains CPD, although this tends to be of a technical nature.</p> <p>Sadly, no IMechE involvement.</p>

COMPETENCES AWARDED

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

PANEL RECOMMENDATION

Transfer to Member

MEMBERSHIP COMMITTEE DECISION

Transfer to Member