

**INDUSTRY CLASSIFICATION** (ST) - Steel Production

**AGE AT INTERVIEW** 33

**ELECTION OR TRANSFER TO:** Member

**FIRST DEGREE** 2:2 Hons. from Brighton Univ. – Mechanical Engineering, 1990

**SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS** - none

**EXPERIENCE PRIOR TO PRESENT POSITION**

Davy McKee (Poole) Ltd., 1990-1992 – Graduate trainee.  
Davy International; 1992-1994 – Assistant Proposal Engineer; 1994-1996 – Proposal Engineer.  
Kvaerner Metals, 1996-1999 – Project Engineer.

**PRESENT POSITION**

VAI Industries (UK) Ltd., Sheffield, 1999-present – Senior Product and Process Engineer.

<b><u>STAFF REPORTING -</u></b>	<b><u>PROFESSIONAL</u></b>	0
	<b><u>TECHNICAL</u></b>	0
	<b><u>MANUAL</u></b>	0
	<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	Responsibility for developing new metal rolling machine, involving control technology, hydrostatics, acoustics, etc. issues (among others)

**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	In developing the product, he has had to particular problems, e.g. conflicting viscosity requirements for oils.  Responsible for product development; identifies and implements cost and performance improvements.

**C Leadership and management**

Key elements of competence	Examples of meeting C
experience of effective project planning and implementation manages and plans budgets, tasks, people and/or other resources	Has had to plan his project work around budgets.  Only short-term personnel management, drawing

ensures team members have appropriate skills contribution to continuous improvement via quality management	on resources from central pool.
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#### **D Communication and inter-personal skills**

<b>Key elements of competence</b>	<b>Examples of meeting D</b>
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	Fluent and persuasive at interview.  Discussed ideas, project needs and options and reasons for decisions.  Team building within company for projects and with customers in various countries.

#### **E Professional conduct**

<b>Key elements of competence</b>	<b>Examples of meeting E</b>
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	Aware of health & safety legislation in several countries and had taken steps to comply.  Demonstrated application of safe system to design of plant.  Development Action Plan presented – his own, not his firm's ideas.  Some IMechE involvement – wishes to do more, e.g. presentation of papers.

#### **COMPETENCES AWARDED**

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

#### **PANEL RECOMMENDATION**

Transfer to Member

#### **MEMBERSHIP COMMITTEE DECISION**

Transfer to Member