

INDUSTRY CLASSIFICATION (Y1) – Consultancy and Local Government

AGE AT INTERVIEW 28

ELECTION OR TRANSFER TO: Member

FIRST DEGREE MA (2:1 Hons.) from Cambridge Univ. in Manufacturing Engineering, 1994

SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS – MEng (Hons. – Distinction) from Cambridge University in Manufacturing Engineering, 1995; Studying for Open University PhD

EXPERIENCE PRIOR TO PRESENT POSITION
APV Baker Ltd., 1990-1996; sponsored student and graduate trainee

PRESENT POSITION
Cambridge Consultants Ltd., 1996-present – Engineer (Manufacturing Development). Duties include:

- Supporting and leading projects connected to new product development and operations/manufacturing systems
- Developing manufacturing plans
- Reviewing product concepts
- Working as a manufacturing assessment authority

STAFF REPORTING - PROFESSIONAL 0-8, depending on project
TECHNICAL 0-4, depending on project
MANUAL 0
OTHER 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	Formal systems theory for managing large projects. Able to analyse production processes and create improvements. Devised novel dispensing devices.

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	Extended projects when new problems were discovered. Developing new concept for measuring manufacturing complexity. Evaluates customer proposals, creates solutions and builds simulations. Demonstrated logical approach.

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>Works in small teams created for each project.</p> <p>Project leader up to ~ £160K.</p> <p>Quality audits up to ISO 9000.</p> <p>Leads teams on clients' premises.</p>
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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>Sensitive and very competent communicator.</p> <p>Able to work in difficult client climates and situations.</p> <p>Good at building short-duration 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>Company adviser on machine safety.</p> <p>ISO 9000 trained.</p> <p>Working for Open University PhD.</p> <p>Community projects – promoted Royal Academy of Engineering event.</p> <p>6th form scheme with present employer.</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