

**INDUSTRY CLASSIFICATION**

(V) - Automobile Industry

**AGE AT INTERVIEW**

30

**ELECTION OR TRANSFER TO:**

Member

**FIRST DEGREE**

2:1 Hons. from Loughborough Univ. in Mech. Engineering, 1992

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

Jaguar Cars Ltd, 1992-1993 - Engineer, Calibration Dept.; 1993-1995 - Senior Engineer, Calibration Dept.; 1995-1997 - Project Engineer, Calibration Dept.

Cosworth Engineering, 1997-1998 - Senior Calibration Engineer; 1998 -; 1998-1999 - Senior Principal Calibration Engineer.

**PRESENT POSITION**

Cosworth Technology Ltd., 1999-present - Project Manager. Duties include:

- Developing and implementing work instructions for projects under his control.
- Managing projects in accordance with these guidelines.
- As part of the Operations Group, day-to-day running of engineering operations, under the control of the engineering director, including financial performance, technical and business strategy, cross-functional issues such as personnel, company communications, IT and site facilities.
- Business Development Co-ordinator for the Northampton site (recent appointment).

**STAFF REPORTING - PROFESSIONAL**

0

**TECHNICAL**

20 (on a project-by-project basis)

**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	Showed good understanding of engine calibration parameters, but his report was short on specific achievements.  Wants to advance developments in alternative fuel technology within his company. Is looking at fuel economy aspects.

**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	Was prepared to delay project in order to correct faulty valve train drive problem (manufacturing shortcomings).  Personally analysed the above problem using a spreadsheet approach.  Explained why vehicles are tested abroad under live conditions rather than just in UK atmospheric chambers.

**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>Example of V8 turbocharged engine project - meeting deadlines, cost targets, etc.</p> <p>Involved in budgets, task and method statements, training and appraisals.</p> <p>Major involvement with process definitions to improve team operation.</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>Rather nervous but very honest - tended to digress rather.</p> <p>PRR full of jargon, low on specifics.</p> <p>Makes presentations to clients and operates a number of project teams.</p> <p>Doesn't mention people much, as people.</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>Yes - is aware and tries to comply wherever possible.</p> <p>Yes - safety paramount in his field of work.</p> <p>Yes - familiar with UK and overseas emissions legislation.</p> <p>Yes - 1½-page Development Action Plan presented.</p> <p>No IMechE involvement but has started (informally) monitoring younger engineers - wants to pass on knowledge he has gained.</p>

**COMPETENCES AWARDED**

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

**PANEL RECOMMENDATION**

Transfer to Member

**MEMBERSHIP COMMITTEE DECISION**

Transfer to Member