

INDUSTRY CLASSIFICATION

(MI) - Manufacturing Industries

AGE AT INTERVIEW

30

ELECTION OR TRANSFER TO:

Member

FIRST DEGREE

2:2 Hons. from University of Wales in Mech. Eng., 1992

SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS - Studying for an MBA**EXPERIENCE PRIOR TO PRESENT POSITION**

Churchill Tableware, 1992-1995 - Assistant Development Engineer

British Timken, 1995-1997 - Manufacturing Engineer; 1997-1998 - Supervisor of Manufacturing Engineering

PRESENT POSITION

British Timken, 1998-present - Project Leader, Process Development, Timken Research Europe. Duties include:

- Leading a large capital investment project of \$4.2M in the package bearing facility
- Implementation of new manufacturing capacity to meet market demand
- Specifying equipment, together with work handling and post-process gauging
- Co-ordinating the installation of services for the new line, together with installation of the equipment

<u>STAFF REPORTING -</u>	<u>PROFESSIONAL</u>	0
	<u>TECHNICAL</u>	0
	<u>MANUAL</u>	0
	<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	Specified all equipment and services for new production line Early involvement of specialist departments Introduced laser etching technology for marking bearings

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	Centreless grinding of bearing external diameters Machining cell and run tests Demonstrated that he can apply his engineering knowledge and use the lessons learned in subsequent assignments

C Leadership and management

Key elements of competence	Examples of meeting C
experience of effective project planning and	Handling system for tapered roller bearing

<p>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>assembly</p> <p>Planned entire projects. has extensive experience of managing budgets, tasks, people and other resources.</p> <p>Has improved quality in a logical and consistent manner.</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>Demonstrated these at interview; also meetings with component suppliers.</p> <p>PRR of a high standard.</p> <p>Presentation of specifications; team formation for grinding machine project</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>Familiar with relevant health & safety requirements, including US standards.</p> <p>Enrolled for MBA</p>

COMPETENCES AWARDED

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

PANEL RECOMMENDATION

Transfer to Member

MEMBERSHIP COMMITTEE DECISION

Transfer to Member