

INDUSTRY CLASSIFICATION

(U) - Process Industries - Chemicals, Foods, Beer and Tobacco

AGE AT INTERVIEW

36

ELECTION OR TRANSFER TO:

Member

FIRST DEGREEBSc from Univ. of Central England in Mech. Eng., 1986
Eng. Council Exam. Part 2, 1994**SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS** - None**EXPERIENCE PRIOR TO PRESENT POSITION**

British Steel plc, 1983-1984 - Undergraduate Trainee

Quickpack UK Ltd., 1985 - Maintenance Engineer

British Steel plc, 1986-1987 - Control Engineer; 1987-1993 - Special Projects Engineer; 1993-1995 - Plant Engineer

PRESENT POSITION

Weetabix Ltd., 1995-present - Project Engineer. Duties include:

- Project feasibility studies, proposals and payback analysis
- Preparing detailed project plans
- Accountability for project and future operation of new plant
- Vetting and evaluating tenders
- Detailed design, drafting and specification using in-house or external consultants
- Keeping abreast of latest technologies, including health, safety and environmental issues
- Control of contractors during installation to ensure compliance with H&SAW and CDM regulations
- Planning and co-ordinating commissioning programmes

STAFF REPORTING -
PROFESSIONAL
TECHNICAL
MANUAL
OTHER

variable, depending on project
variable, depending on project
variable, depending on project
variable, depending on project
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	Involved specialists from other disciplines as appropriate when replacing heavy equipment Cranage for process plant Effluent treatment

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	Infra-red measuring system for improving accuracy of pipe-cutting process. Planning new lifting system. R & D on transport of bulk cereal granules

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>Drainage of process plant - was responsible from start to finish for the project (all aspects, including budgets, staff, other resources and overall planning)</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>Good oral presentation demonstrated at interview.</p> <p>Has received a commendation for his written reporting skills.</p> <p>His responsible position required extensive interpersonal skills.</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>CDM and Pressure System Regulations.</p> <p>Familiar with H & S legislation and QA accreditation.</p> <p>Electronics course.</p> <p>Training of graduates in company; engineering adviser at college Careers Fairs</p>

COMPETENCES AWARDED

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

PANEL RECOMMENDATION

Transfer to Member

MEMBERSHIP COMMITTEE DECISION

Transfer to Member