

INDUSTRY CLASSIFICATION (P) – National Health Service

AGE AT INTERVIEW 34

ELECTION OR TRANSFER TO: Member

FIRST DEGREE

Brunel University, Mechanical Engineering, BEng (Hons), 1st Class (Hons), 07.90

SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS

University of Oxford, Orthopaedic Engineering, DPhil, 03.97

EXPERIENCE PRIOR TO PRESENT POSITION

Lucas Diesel Systems,	Student Training Scheme,	86 – 90
Lucas EUI System,	Graduate Trainee,	01.91 – 09.92
	Assistant Development Engineer	
	Development Engineer	
University of Oxford,	Dept of Engineering Science – Research Student,	10.92 – 09.96
	St Hilda's College - College Lecturer in Engineering,	10.95 – 09.98 (P/T)

PRESENT POSITION

Nuffield Orthopaedic Centre NHS Trust, Senior Motion Analysis Bio-Engineer, 09.96

<u>STAFF REPORTING -</u>	<u>PROFESSIONAL</u>	0
	<u>TECHNICAL</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	Displays a deep knowledge and understanding of the chosen speciality Motion analysis using water tools Using latest research equipment

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	Active participant in the field of human motion analysis Lectures Reviews papers for international journals Attends technical meetings Writes and publishes papers Work applied to clinical treatment of patients, shows high degree of commitment and skill. Before and after analysis performed to gauge effectiveness.

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 ensures team members have appropriate skills contribution to continuous improvement via quality management	Actively encourages development of competencies in others Monitors 3 research students Non ISO, but concerned with equipment accuracy and upgrades

D Communication and inter-personal skills

Key elements of competence	Examples of meeting D
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	Lectures, clear delivery of information Good Professional Review Report External Assessor Successful in obtaining govt grants for research work

E Professional conduct

Key elements of competence	Examples of meeting E
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	As per health sector demands Competent self Development Action Plan Promotes close interaction between clinical staff and engineers

COMPETENCE LEVEL AWARDED

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

PANEL RECOMMENDATION

Transfer to Member

MEMBERSHIP COMMITTEE DECISION

Transfer to Member