

INDUSTRY CLASSIFICATION

(I) – Computers in Engineering & IT

AGE AT INTERVIEW

34

ELECTION OR TRANSFER TO:

Member

FIRST DEGREE

MEng from Shanghai Jiaotong Univ. in Marine Power Eng., 1992

SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS – PhD on “Turbulent Modelling of Buoyancy-driven and Fire-induced Flows” from South Bank University, 2000.

EXPERIENCE PRIOR TO PRESENT POSITION

Shanghai Jiaotong University, 1992-1994 – Research Fellow.
CHAM Ltd., London, 1998-2000 – CFD Engineer.

PRESENT POSITION

Fluent Europe Ltd., 2000-present – CFD Engineer and Developer

<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	All covered in Professional Review Report
applies a creative approach to problem solving	All covered in Professional Review Report
introduction/exploitation of emerging technologies	All covered in Professional Review Report
promotes innovation and advances in technology	All covered in Professional Review Report

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	All covered in Professional Review Report
participates in or specifies research, design and development	Covered during interview
plans and implements solutions	All covered in Professional Review Report
evaluates solutions	All covered in Professional Review Report
identifies what has been learnt from the activity	All covered in Professional Review Report

C Leadership and management

Key elements of competence	Examples of meeting C
experience of effective project planning and implementation	All covered in Professional Review Report
manages and plans budgets, tasks, people and/or other resources	Not applicable – is a world-class expert in own field of endeavour
ensures team members have appropriate skills	
contribution to continuous improvement via quality management	All covered in Professional Review Report

D Communication and inter-personal skills

Key elements of competence	Examples of meeting D
demonstrates oral communication skills	Good communicator
displays written communication skills	
has the ability to present and discuss ideas and plans	All covered in Professional Review Report
ability in team building and negotiating activities	Not applicable

E Professional conduct

Key elements of competence	Examples of meeting E
compliance with codes and rules of conduct of the profession	Discussed during interview
application and management of safe systems of work	
familiar with relevant legislation especially health, safety, risk and the environment	Discussed during interview
displays a commitment to undertake continuing professional development, including a personal Development Action Plan	All covered in Professional Review Report
demonstrates involvement with the IMechE, other professional engineering Institutions, schools, colleges or local other community activities	Has been involved with some IMechE events

COMPETENCES AWARDED

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

PANEL RECOMMENDATION

Transfer to Member

MEMBERSHIP COMMITTEE DECISION

Transfer to Member