

INDUSTRY CLASSIFICATION

(T) – Oil Industry & Offshore & Topside Engineering

AGE AT INTERVIEW

29

ELECTION OR TRANSFER TO:

Member

FIRST DEGREE

Abertay University, Mechanical Engineering, BEng (Hons), 2:1 (Hons), 11.95

SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS

None

EXPERIENCE PRIOR TO PRESENT POSITION

Aker Oil & Gas Tech UK, Graduate Mechanical Engineer, 02.96 – 07.97

Aker Oil & Gas Tech UK, Mechanical Engineer, 07.97 – 07.00

PRESENT POSITION

Aker Oil & Gas Tech UK, Senior Mechanical Engineer, 07.00 - date

<u>STAFF REPORTING -</u>	<u>PROFESSIONAL</u>	3
	<u>TECHNICAL</u>	2
	<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	Development of new methods to meet Montreal protocol involving assessment of new metrologies. Identification of major operational problems with supplied equipment. Manufacturing Technology – developed degreasing method for high tech systems.

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	An identified problem with pump assemblies in Sulomn Voe oil terminal and developed an appropriate solution, which not involve replacement of pumps. This saved a substantial sum and prevented major down time. Having to work adaptively at the Sulomn Voe terminal, taking into account safety issues. Pump maintenance and seal development/replacement

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>Preparation of deliverables and activities for Britannia compressor upgrade.</p> <p>Skill specifications at a remote operating site, particularly in Shetland.</p> <p>Responsible for Schiehallion transshipment project activity, supervising engineering staff and reporting to distant project manager.</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>Direct involvement in project management meeting which are required for smooth project activity.</p> <p>Direct negotiation with representatives of clients and prime contractors.</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>Expressed clear views on the professional responsibilities towards clients, employer.</p> <p>Guilfax project activity – justification of test programme.</p> <p>Participation in IMechE training courses – e.g. compressor training.</p>

COMPETENCE LEVEL AWARDED

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

PANEL RECOMMENDATION

Transfer to Member

MEMBERSHIP COMMITTEE DECISION

Transfer to Member