

**INDUSTRY CLASSIFICATION**

(ST) - Steel Production

**AGE AT INTERVIEW**

27

**ELECTION OR TRANSFER TO:**

Member (from MPDS)

**FIRST DEGREE**

1st Hons. from Cambridge Univ. - Engineering Tripos, 1996

**SUBSEQUENT DEGREES AND OTHER QUALIFICATIONS** - MEng**EXPERIENCE PRIOR TO PRESENT POSITION**

Darchem Engineering Ltd., 1991-1992 - Student placement.

Corus UK Ltd. (formerly British Steel plc) - Scunthorpe Rod Mill; 1996-1997 - Graduate Trainee; 1997-1999 - Mechanical Operations Engineer.

**PRESENT POSITION**

Corus UK Ltd., Scunthorpe, 1999-present - Mechanical Process Engineer.

<b><u>STAFF REPORTING -</u></b>	<b><u>PROFESSIONAL</u></b>	0
	<b><u>TECHNICAL</u></b>	1
	<b><u>MANUAL</u></b>	0
	<b><u>OTHER</u></b>	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	Discussed ongoing maintenance of steel production plant.  Is obviously technically competent but we had no real opportunity to explore his facility for exploiting / introducing new technologies.

**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	Modified transfer system (V-rollers) in billet mill.

**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	Plans shift workload. Responsible for controlling budget. Responsible for one technician, including training.

ensures team members have appropriate skills contribution to continuous improvement via quality management	
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#### **D Communication and inter-personal skills**

<b>Key elements of competence</b>	<b>Examples of meeting D</b>
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	Quite competent and articulate (a bit nervous). Good. Presented himself well. Manages teams during annual shutdown.

#### **E Professional conduct**

<b>Key elements of competence</b>	<b>Examples of meeting E</b>
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	Safety method statements and permits to work.  Attends safety courses regularly.  Involved in schools' Engineering Challenge.

#### **COMPETENCES AWARDED**

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

#### **PANEL RECOMMENDATION**

Transfer to Member

#### **MEMBERSHIP COMMITTEE DECISION**

Transfer to Member