

APPENDIX 2.3  
(referred to in paragraph 2.20)

**Cook: foundry facts**

<i>Group divisions</i>	<i>Steel types</i>	<i>Weight range</i>	<i>Moulding facilities</i>	<i>Melting capacities</i>	<i>Quality approvals</i>
William Cook Steel Castings Ltd Sheffield and Chesterfield	Carbon and low alloys Stainless Wear resisting	0.5 kgs (1 lb) to 3,500 kgs (7,700 lbs)	Disamatic moulding Automatic high pressure squeeze Shell No Bake Automated Boxless Carousels (light and heavy)	High frequency induction: 500 kgs (1,100 lbs) to 3,500 kgs (7,700 lbs)	BS 5750 MOD 05-24 (AQAP-4) Lloyd's Register British Coal British Rail British Gas
Catton & Co Ltd Leeds	Carbon and low alloys Stainless (inc Duplex) Wear resisting	1 kg (2 lbs) to 3,500 kgs (7,700 lbs)	Autoline Slinger Shell No Bake	Electric arc 5,000 kgs (11,000 lbs) High frequency induction 270 kgs (600 lbs) to 1,215 kgs (2,650 lbs) AOD refining 8,000 kgs (17,600 lbs)	BS 5750 MOD 05-24 (AQAP-4) Lloyd's Register TUV British Rail British Coal
Holbrook Precision Castings Ltd Sheffield	Carbon and low alloys Heat resisting Martensitic Austenitic } stainless Duplex } steels Nickel-based alloys Hastelloy Monel	100 grammes (3 oz) to 75 kgs (165 lbs)	Shell CO <sub>2</sub> Lost wax Replicast Shaw	High frequency induction 250 kgs (550 lbs) to 1,000 kgs (2,200 lbs)	BS 5750 MOD 05-24 (AQAP-4) CAA Lloyd's Register DNV Germanischer Lloyd TUV
Hi-Tec Integrity Castings Ltd Penistone	Carbon and low alloys Austenitic } stain-Hardenable } less Duplex } steels Spun bronze	10,000 kgs (22,000 lbs) to 30,000 kgs (66,000 lbs)	Floor Cement Furan	Electric arc 15,000 kg (33,000 lbs) including AOD refining up to 17,000 kgs (37,400 lbs)	BS 5882 MOD 05-24 (AQAP-4) NATLAS CAA Rolls Royce

\*8 MeV Linear Accelerator.

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Blackett Hutton & Co Ltd Guisborough, Sheffield	Carbon and low alloys Austenitic } stain-Hardenable } less Duplex } steels Wear resisting Corrosion resisting	25 kg (55 lbs) to 10,000 kg (22,000 lbs)	Floor Mechanised Moulding  induction	Electric Arc 3,000 kg (6,600 lbs) to 12,000 kg (26,400 lbs) High frequency  500 kg	BS 5750 Lloyd's Register CEGB MOD 05-24
*In-house machine shop.					
Lloyds (Burton) Ltd Burton-on-Trent	Carbon steel Wear resisting (austenitic manganese) Low alloy Heat resisting	1.0 kg (2.2 lb) to 15,000 kg (33,000 lbs)	Floor Shell Slinger Carousel	Electric arc 4,000 kg (8,800 lbs) to 12,000 kg (26,400 lbs)	BS 5750 Lloyd's Register CEGB MOD 05-24
George Blair Ltd Newcastle-upon-Tyne Stanhope Tow Law Aycliffe	Carbon and low alloys	1 kg (2.2 lbs) to 500 kg (1,100 lbs)	Floor Shell CO <sub>2</sub> No bake	High frequency induction 1,000 kg (2,200 lbs) to 2,000 kg (4,400 lbs)	MOD 05-24 (AQAP-1) Lloyd's Register Bureau Veritas British Rail Germanischer Lloyd
*In-house machine shop.					
Braintree Foundries Ltd (previously Paramount) Braintree, Essex	High alloy heat resisting Low alloy creep resisting Corrosion resisting Carbon and low alloys Stainless	1 kg to 2,500 kg	Automated jolt Squeeze Shell No bake Unicast	High frequency induction 1,300 kg (2,860 lbs) Arc furnace to 4,000 kg (8,800 lbs)	MOD 05-24 TUV CEGB Lloyd's Register British Gas DNV
*4 MEV Linear Accelerator. *Creep Laboratory.					

Source: Cook.

\*Denotes special facilities.