Collection Name	Level	Reference	Description	Dates	Creator(s)	Admin History	Archival History
			A collection of engineering drawings for engines and engine parts supplied by				
Benjamin Goodfellow	Collection	1970.70	Benjamin Goodfellow of Hyde	1875-1905			
Benjamin Goodfellow		1970.70/1	Standard couplings				
Benjamin Goodfellow	Item	1970.70/2	Standard keyways Standard 4 3/4 inch self lubricating S.A.				
Benjamin Goodfellow	Item	1970.70/3	hanger				
Benjamin Goodfellow		1970.70/4	Standard 4 1/2 inch hanger				
Benjamin Goodfellow		1970.70/5	Standard 4 1/2 inch D-A pedestal block				
Benjamin Goodfellow Benjamin Goodfellow	ltem Item	1970.70/6 1970.70/7	Shell cap pedestals Standard D.A. pedestal bock				
-	Item	1970.70/8	Standard 3 inch pillar bracket				
Benjamin Goodfellow		1970.70/9	Standard wall boxes				
,	Item	1970.70/10	Standard valve rod ends				
	ltem Item	1970.70/11 1970.70/12	Standard pistons and piston rings Method of constructing shape of tooth	Jun 1899			
Benjamin Goodfellow		1970.70/13	Details of governor				
	Item	1970.70/14	Details of barring engine				
Benjamin Goodfellow		1970.70/15	Arrangement of barring engine				
Benjamin Goodfellow Benjamin Goodfellow		1970.70/16 1970.70/17	Barring Engine general arrangement. Barring Engine general arrangement.				
Benjamin Goodfellow		1970.70/18	Two cylinder engine with pump				
			2 cylinder horizontal X compound ram				
Benjamin Goodfellow	ltem	1970.70/19	pumps	Nov 1896			
Benjamin Goodfellow	ltem	1970.70/20	Vertical side by side 2 cylinder compound condensing engine				
Benjamin Goodfellow		1970.70/21	Vertical X compound condensing engine				
			End elevation vertical triple expansion				
Benjamin Goodfellow	Item	1970.70/22	condensing engine				
Benjamin Goodfellow	ltem	1970.70/23	Side and end elevation vertical triple expansion condensing engine				
Derijarnin Goodiellow	item	101010/20	Side and end elevation vertical triple				
Benjamin Goodfellow	Item	1970.70/24	expansion condensing engine				
	li e ee	1070 70/25	Arrangement of valve gear				
Benjamin Goodfellow	Item	1970.70/25	Ashton Brothers, Carrfield Shed, Vertical Triple Expansion Condensing				
Benjamin Goodfellow	Item	1970.70/26	Baerlem And Co, Manchester				
			Plan of non-condensing compound Corliss				
Poniamin Coodfollow	Itom	1070 70/27	engine Edinburgh Corporation				
Benjamin Goodfellow	litem	1970.70/27	Arrangement of X compound condensing				
			engine and boilers				
Benjamin Goodfellow	ltem	1970.70/28	Empress Spinning and Weaving Co Ltd				
			Plan and elevation of beam engine and				
Benjamin Goodfellow	Item	1970.70/29	pumps Local Board Water Works				
			Plan of tandem compound horizontal engine				
			and boiler				
Benjamin Goodfellow	Item	1970.70/30	James Greaves, Manchester Triple expansion cylinders				
Benjamin Goodfellow	Item	1970.70/31	R J Greaves	Nov 1889			
			Arrangement of X compound engine and				
		4070 70/20	boilers				
Benjamin Goodfellow	Item	1970.70/32	Howard and Bullough, Accrington General arrangement of tandem compound				
			condensing engine				
Benjamin Goodfellow	ltem	1970.70/33	Henry Livesey and Co Ltd, Blackburn				
Deniomin Coodfellow	lian	1070 70/24	E.C.C. continuous current dynamo				
Benjamin Goodfellow	Item	1970.70/34	Manchester Corporation Side by side compound vertical steam				
			engine				
Benjamin Goodfellow	Item	1970.70/35	Mannesman Tube Co, Landore				
Benjamin Goodfellow	Itom	1970.70/36	Low Pressure Engine T Rhodes, Hadfield Mills				
Berijamin Goodiellow	Item	1970.70/30	Arrangement of condensing plant				
Benjamin Goodfellow	Item	1970.70/37	F A Robinson, London				
		1070 70/00	Proposed cross compound vertical engine				
Benjamin Goodfellow	Item	1970.70/38	Royal Arsenal Woolwich Valve gear for a single beam engine				
Benjamin Goodfellow	Item	1970.70/39	Royal Gun Factories, Woolwich				
			Excelsior Dynamo				
		1070 70/40	Stanley and Davies, Mary St. Ironworks,	May 4000			
Benjamin Goodfellow	Item	1970.70/40	Hyde Plan for compound a pair of 35 high	May 1893			
			pressure beam engines				
Benjamin Goodfellow	Item	1970.70/41	G Swindells and Son, Bollington	May 1893			
			Proposed compound condensing beam				
Baniamin Goodfallow	Itom	1970.70/42	pumping engine West Ham				
Benjamin Goodfellow	110111	1310.10/42	Beam pumping engine suction and delivery				
			valves				
Benjamin Goodfellow	Item	1970.70/43	West Ham				
Benjamin Goodfellow	ltom	1970.70/44	Elevation of beam engines West Ham				
	Rem		Layout of proposed engines, boilers and				
			piping				
Benjamin Goodfellow	ltem	1970.70/45	West Ham				

Scope & Content

			Proposed centrifugal pumps with vertical	
			driving engines	
Benjamin Goodfellow	Item	1970.70/46	West Ham 4 1/2 inch S.L. flat pedestal for second	
			motion shaft in engine house	
			Order No. 5	
Benjamin Goodfellow	Item	1970.70/47	B. Goodfellow Cast iron Bevel wheel	
			Order No. 6	
Benjamin Goodfellow	Item	1970.70/48	R. Hall and Sons	
			Arrangement for boring cranks	
Benjamin Goodfellow	Item	1970.70/49	Order No. 8 B. Goodfellow	
Denjamin Goodiellow	Rom		Boring head for shop	
			Order No. 8	
Benjamin Goodfellow	Item	1970.70/50	B. Goodfellow Details of boring bars	
			Order No. 8	
Benjamin Goodfellow	Item	1970.70/51	B. Goodfellow	
			Hook and shackle for large chain blocks	
Benjamin Goodfellow	Item	1970.70/52	Order No. 10 B. Goodfellow	
Denjamin Goodiellow	Rom		Shop (machine tackle) boring rings	
			Order No. 10	
Benjamin Goodfellow	Item	1970.70/53	B. Goodfellow	
			Strap gear for boring lathe Order No. 11	
Benjamin Goodfellow	Item	1970.70/54	B. Goodfellow	
			Headstock for boring bar	
Benjamin Goodfellow	Item	1970.70/55	Order No. 11 B. Goodfellow	Apr 1901
Benjamin Goodiellow	nem	1310.10/35	Brackets for carrying shaft	Api 1901
			Order No. 46	
Benjamin Goodfellow	Item	1970.70/56	R McClure and Sons, Travis Brook Mill	
			Hoisting and derricking gear, 10 ton electric crane	
			Order No. 87	
Benjamin Goodfellow	Item	1970.70/57	Ernest Grether and Co, Manchester	
			General arrangement of 10 ton electric travelling crane	
			Order No. 87	
Benjamin Goodfellow	Item	1970.70/58	[Ernest Grether and Co, Manchester]	
			Fixing for driving picker Order No. 123	
Benjamin Goodfellow	Item	1970.70/59	Ashton Brothers, Throstle Bank	
201 janiin Occaronom	Rom		Arrangement of gearing (vertical shaft in	
			mill)	
Benjamin Goodfellow	ltom	1970.70/60	Order No. 138 D. Moseley and Sons, Ardwick	
Denjamin Goodicilow	nom	1310.10/00	D. Moscley and Johis, Ardwick	
			Arrangement of governor stand and gearing	
Benjamin Goodfellow	ltem	1970.70/61	Order No. 138 D. Moseley and Sons, Ardwick	
Derijamin Goodiellow	nom	1310.10/01	Arrangement of rope drive in No. 4 card	
			room	
Benjamin Goodfellow	Itom	1970.70/62	Order No. 223 S. Greg and Co. Ltd.	
Benjamin Goodrellow	nem	1370.70/02	Pair of bevil wheels	
			Order No. 248	
Benjamin Goodfellow	Item	1970.70/63	R. Marsden and Co.	
			General arrangement of L. P. cylinder Order No. 330	
Benjamin Goodfellow	Item	1970.70/64	J. H. Ratcliffe, Charlesworth	
			22 inch cylinder 4 inch stroke	
Benjamin Goodfellow	ltem	1970.70/65	Order No. 330 J. H. Ratcliffe, Charlesworth	
Denjamin Goodiellow	Rom		Arrangement of valve boxes	
			Order No. 330	
Benjamin Goodfellow	Item	1970.70/66	J. H. Ratcliffe, Charlesworth	
			General arrangement of low pressure cylinder	
			Order No. 330	
Benjamin Goodfellow	Item	1970.70/67	J. H. Ratcliffe, Charlesworth	
			Wall bracket and hangers in weaving shed	
			Order No. 408	
Benjamin Goodfellow	Item	1970.70/68	Bradbury Brady and Co., Bombay	
			Pillar fixing on silent drum gear Oder No. 463	
Benjamin Goodfellow	Item	1970.70/69	Bradbury Brady and Co., Bombay	Jul 1905
,			Arrangement of valve gear for 70 I.H.P.	
			triple expansion engine, cylinders 7 1/2 inch,	
			11 inch, 18 inch by 2 feet Order No. 581	
Benjamin Goodfellow	Item	1970.70/70	The Wadhams Engineering Co	Nov 1905
			Adjust wedge for exhaust valves	
Benjamin Goodfellow	Item	1970.70/71	Order No. 1646 Oak Spinning Co	
Dongarian OUUUenUW	Rom			

Benjamin Goodfellow	Item	1970.70/72	Rope pulley Order No. 2068 Hetherington a
Benjamin Goodfellow	Item	1970.70/73	Arrangement o Order No. 208 J & H Charlton General arrang
Benjamin Goodfellow	ltem	1970.70/74	engine Order No. 2255 S Johnson and 41 inch low pre Order No. 2269
Benjamin Goodfellow	ltem	1970.70/75	Shaw Jardine a Manchester 10 foot rope pu
Benjamin Goodfellow	Item	1970.70/76	Order No. 2295 Guest and Broo Rope Pulley
Benjamin Goodfellow	ltem	1970.70/77	Order No. 231 Howard and Bu Rope pulleys, 6
Benjamin Goodfellow	Item	1970.70/78	diameter Order No. 2322 Guest and Broo Strap shifting ta millwright's sho
Benjamin Goodfellow	ltem	1970.70/79	Order No. 2323 B Goodfellow Arrangement o
Benjamin Goodfellow	ltem	1970.70/80	Order No. 2323 B Goodfellow General plan o
Benjamin Goodfellow	ltem	1970.70/81	Order No. 235 <sup>7</sup> John Mayall, M engines Second motion Order No. 2355
Benjamin Goodfellow	ltem	1970.70/82	Order No. 235 Kellner Parting Engine bed Order No. 236

Rope pulley 68 and Co, Manchester t of alteration to tandem engine )81 on, Manchester ngement of compound tandem 255 Ind Co pressure cylinder 269 e and Co, Murray St Mills, pulley . 295 rooks, Manchester 11 Bullough, Accrington s, 6 foot 3 inches and 7 inch 322 rooks, Manchester g tackle for main drive to hop 323 t of gearing for shop of engines, cross compound 51 Mossley, General Plan of ion pulley 355 ngton Paper Co Order No. 2363 Shaw Jardine and Co, Butter St, Manchester Rope pulley, 7 foot 2 inch diameter Order No. 2364 James Tucker, Cardiff James Tucker, Cardiff Bevil wheels and footstep fixing Order No. 2366 R Greg and Co, Reddish Arrangement of tandem compound engine Order No. 2368 James Buckley's Trustees, Brookbottom Arrangement of valve gear for single condensing engine Order No. 2369 J Smale and Son, Macclesfield General arrangement of cross compound General arrangement of cross compound engine Order No. 2376 The May Mill Co Ltd General arrangement of cross compound engine Order No. 2383 The China Mill Co, India Proposed wall engine Order No. 2396 Hetherington and Sons Ltd, Manchester Arrangement of low-pressure condensing Order No. 2421 The Dacca Twist Co, Gorton Mills Cylinders for compound vertical engines Order No. 2434 Mannesman Tube Co, Landore Arrangement of triple expansion engine, Class G Class G Order No. 2446 Frognerkilens Fabrik, Norway Triplex engine class G, cylinders Order No. 2446 Frognerkilens Fabrik, Norway Triplex engine class G, valve Order No. 2446 Frognerkilens Fabrik, Norway Triplex engine class G, dynamo drive Order No 2446 Frognerkilens Fabrik, Norway

		Ashton Brothers, Hyde
		Barring Engine general arrangement.
		Order No. 2483 Ashton Brothers, Hyde
		Bevil gearing
		Order No. 2495
		The Brookbottom Spinning Co Ltd, M Proposed arrangement of cross com
		Corliss condensing engine
		Order No. 2496
		City of Leeds Tramways
		Flywheel
		Order No. 2497
		Wallshaw Mill Co, Oldham
		General arrangement of cross compo
		engine
		Order No. 2499
		The Ryecroft Mill Co
		Connecting rod and crankshaft
		Order No. 2503
		C Swindells and Son, Bollington
		Crankshaft pedestals
		Order No. 2503 C Swindells and Son, Bollington
		Engine beam
		Order No. 2503
		C Swindells and Son, Bollington
		Weight rim, tooth ring on fly-wheel
		Order No. 2503
		C Swindells and Son, Bollington
2515	Wire rope pulley	Alfonso A Lize, Barcelona
2529	Milling tool and socket	
2536	Gearing in rope race	The Ryecroft Mill Co, Ashton
2545	Valves in discharge tunnel	Manchester Corporation Waterworks Woodhead
2040	Fixing for carrying driving gear for machine for turning rope	woodliead
2561	pulleys	B Goodfellow
2576	Triple expansion Corliss engine	Ashton Brothers, Hyde
2584	General arrangement of McNaught cylinders	Wood Brothers, Glossop
2589	General arrangement of gearing	McConnell, Manchester
2591	Various gear wheels (inc. 2592)	McConnell, Manchester
2599	General arrangement for low pressure engine	
2601	Arrangement of McNaught cylinder	George Mayall and Co
2629	Alterations to rope engine	Thos Rhodes and Son, Hadfield
2629 2638	Arrangement of Number One Galloway engine Proposed arrangement of vertical Corliss engine	Thos Rhodes and Son, Hadfield Kirkstall Forge, Leeds
2640	General plan of gearing	Brooks and Doxey, West Gorton
2640	General arrangement of gearing in rope races	Brooks and Doxey, West Gorton
2656	Bedframe for shop drilling machine	
2698	General arrangement of engines	Oak Spinning Co, Hollinwood
2699	Plan of triple expansion engines	Oak Spinning Co, Hollinwood
2699	Elevations of triple expansion engines	Oak Spinning Co, Hollinwood
2699	Pipe arrangement for new engines	Oak Spinning Co, Hollinwood
2706	General arrangement of compound tandem engine	Tweedale and Smalley, Rochdale
2723	22 inch cylinder	Park Road Spinning Co, Dukinfield
2723 2723	Low pressure cylinder and exhaust valve Crankshaft pedestals	Park Road Spinning Co, Dukinfield Park Road Spinning Co, Dukinfield
2723	right hand engine and air pump compressor	Park Road Spinning Co, Dukinfield
2723	right hand engine and air pump compressor	Park Road Spinning Co, Dukinfield
2723	Connecting rod and crankshaft	Park Road Spinning Co, Dukinfield
2723	Exhaust eccentric	Park Road Spinning Co, Dukinfield
2723	Eccentrics	Park Road Spinning Co, Dukinfield
2723	Piston rods and spider crosshead	Park Road Spinning Co, Dukinfield
2723	Coupling rods	Park Road Spinning Co, Dukinfield
2723	Air pump gear	Park Road Spinning Co, Dukinfield
2723 2723	Arrangement of valve gear f Clack box escape valve	Park Road Spinning Co, Dukinfield Park Road Spinning Co, Dukinfield
2723	Rope drive bevel gear	Park Road Spinning Co, Dukinfield
2723	Main cross head	Park Road Spinning Co, Dukinfield
2723	6 inch injection valve	Park Road Spinning Co, Dukinfield
2723	2 1/2 inch escape valve	Park Road Spinning Co, Dukinfield

Triplex engine class G, crank and eccentric Order No. 2446 Frognerkilens Fabrik, Norway Arrangement for high pressure cylinder Order No. 2451 S Moorhouse, Stockport General arrangement of triple expansion in line condensing engine Order No. 2471 Hugo Solfverarm, Finland General arrangement of cross compound condensing engine Order No. 2481 Ashton Brothers, Hyde 32 inch diameter fly-wheel Order No. 2481 Ashton Brothers, Hyde Barring Engine general arrangement. der No. 2483 hton Brothers, Hyde evil gearing rder No. 2495 e Brookbottom Spinning Co Ltd, Mossley oposed arrangement of cross compound orliss condensing engine der No. 2496 ty of Leeds Tramways /wheel der No. 2497 allshaw Mill Co, Oldham eneral arrangement of cross compound igine rder No. 2499 e Ryecroft Mill Co onnecting rod and crankshaft rder No. 2503 Swindells and Son, Bollington ankshaft pedestals der No. 2503 Swindells and Son, Bollington rder No. 2503 Swindells and Son, Bollington /eight rim, tooth ring on fly-wheel der No. 2503 Swindells and Son, Bollington ionso A Lize, Barcelona e Ryecroft Mill Co, Ashton lanchester Corporation Waterworks, /oodhead Goodfellow hton Brothers, Hyde ood Brothers, Glossop Connell, Manchester cConnell, Manchester eorge Mayall and Co os Rhodes and Son, Hadfield hos Rhodes and Son, Hadfield irkstall Forge, Leeds ooks and Doxey, West Gorton ooks and Doxey, West Gorton ak Spinning Co, Hollinwood ak Spinning Co, Hollinwood ak Spinning Co, Hollinwood ak Spinning Co, Hollinwood weedale and Smalley, Rochdale ark Road Spinning Co, Dukinfield rk Road Spinning Co, Dukinfield

2723	Distance piece between high pressure and low pressure cylinders	Park Road Spinning Co, Dukinfield
2723	Steam and exhaust bridles	Park Road Spinning Co, Dukinfield
2723	Piping between cylinders	Park Road Spinning Co, Dukinfield
2723	Rock shafts and levers, high pressure side	Park Road Spinning Co, Dukinfield
2723	Exhaust coupling rods	Park Road Spinning Co, Dukinfield
2723	Details of tripping gear	Park Road Spinning Co, Dukinfield
2723	Exhaust eccentric rod	Park Road Spinning Co, Dukinfield
2723	Valve spindles and exhaust valve levers	Park Road Spinning Co, Dukinfield
2723	Rock shafts and levers, intermediate side	Park Road Spinning Co, Dukinfield
2723	Steam eccentric	Park Road Spinning Co, Dukinfield
2723 2723	Metallic packing (inc. 2888) Dashpot	Park Road Spinning Co, Dukinfield Park Road Spinning Co, Dukinfield
2723	Proposed clack box	Park Road Spinning Co, Dukinfield
2723	Proposed double acting feed pump and escape valve	Park Road Spinning Co, Dukinfield
	Distance piece between high pressure and low pressure	·
2723	cylinders	Park Road Spinning Co, Dukinfield
2723	Bed frame for triple expansion engines	Park Road Spinning Co, Dukinfield
2723	General arrangement triple expansion Corliss Engine	Park Road Spinning Co, Dukinfield
2723	Details of air pump	Park Road Spinning Co, Dukinfield
2723	Steam and exhaust bridles for high pressure cylinder	Park Road Spinning Co, Dukinfield
2725	Detail of pulsation lubricator	B Goodfellow
2726 2726	Floor plating round low pressure cylinder	Park Road Spinning Co, Dukinfield
2720	Floor plating and beams General arrangement of piping	Park Road Spinning Co, Dukinfield Park Road Spinning Co, Dukinfield
2727	Combined strainer and back pressure valve	Park Road Spinning Co, Dukinfield
2727	Receiver between high pressure and low pressure cylinders	Park Road Spinning Co, Dukinfield
2730	Sight feed lubricator intermediate pressure cylinder	Park Road Spinning Co, Dukinfield
2730	Crank shaft oiling arrangements	Park Road Spinning Co, Dukinfield
2749	Valve for gas producer in connection with shop boilers	B Goodfellow
2756	General arrangement of a pair of McNaughted beam engines	J Mayall, Mossley
2756	Details of parallel motion for McNaughted beam engines	J Mayall, Mossley
2756	Details of parallel motion for low pressure cylinder and air pump	J Mayall, Mossley
2758 2784	General arrangement of engines General arrangement of triple expansion engines	Hope Mill Co, Bombay Ashton Brothers, Hyde
2815	Alterations to second motion shaft	Brooks and Doxey, Miles Platting
2819	General arrangement of boilers and piping for engines	Platt Brothers, Oldham
2840	Facing rest	B Goodfellow
2845	General arrangement of alterations to engines	Rhodes Manufacturing Co, Middleton
2873	Arrangement of second motion shaft	Ashton Brothers, Hyde
2884	Arrangement of steam piping	Park Road Spinning Co, Dukinfield
2917	General arrangement of engines - plan	Globe Engineering Co
2917	General arrangement of engines - elevation	Globe Engineering Co
2917	General arrangement of cylinder and crankshaft	Brunswick Mill, New Mills
2961	Detail of high pressure cylinder and base	J Mayall, Mossley
2961	General arrangement of McNaught cylinder and packing stage	J Mayall, Mossley
2974	General arrangement of compound vertical engine	Globe Engineering Co
2980	Second and third motion shaft in rope race	Ashton Brothers, Hyde
2980	Arrangement of pillars	Ashton Brothers, Hyde
2981	alteration to low pressure valve gearing	Astley Mill Co
2999	Proposed arrangement of 20,000 cubic foot refrigerator	Ashton Brothers, Hyde
3001	General arrangement of vertical engine for driving blowing room	S Greg and Co, Bollington
3009	Pair of horizontal engines	Whittle Spinning Co
3011	Proposed arrangement of winding engine	Shireoaks Colliery Rand Mines Co
3012 3012	Arrangement of vertical triple expansion engines Arrangement of gearing for number 2 card room	Rand Mines Co
3029	Arrangement for line shafts	I Rhodes Ltd, Hollingworth
0020		Transdoo Eta, Tromingirorar
3042	Arrangements for driving cross shafts, Number two card room	E Hibbert, Hyde
3042	Arrangements for driving cross shafts, Number two card room	E Hibbert, Hyde
3051 3073	Detail of gearing for driving dynamo General arrangement of alternations to compound engine	Ashton Brothers, Hyde Jardine and Co, Manchester
	General analigement of alternations to compound engine	
3073	Governor pillar and dear	larding and Co. Manchester
3073 3079	Governor pillar and gear Air pump	Jardine and Co, Manchester New Victoria Spinning Co, Bury
3079	Air pump	New Victoria Spinning Co, Bury
3079 3079	Air pump Fly wheel and pinion	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury
3079 3079 3079	Air pump Fly wheel and pinion New cylinder for compound engine	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft
3079 3079 3079 3080 3095 3095	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft
3079 3079 3079 3080 3095 3095 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co
3079 3079 3080 3095 3095 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co
3079 3079 3080 3095 3095 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co
3079 3079 3080 3095 3095 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co
3079 3079 3080 3095 3095 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co
3079 3079 3080 3095 3095 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co
3079 3079 3080 3095 3095 3098 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods McNaught staging	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co
3079 3079 3079 3080 3095 3095 3098 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods McNaught staging Valve box for 43 inch old cylinder Two McNaught cylinders right and left Fly pulley for 13 ropes	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co
3079 3079 3080 3095 3095 3098 3098 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods McNaught staging Valve box for 43 inch old cylinder Two McNaught cylinders right and left Fly pulley for 13 ropes General arrangement for triple expansion engine	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton Brothers, Hyde
3079 3079 3080 3095 3095 3098 3098 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods McNaught staging Valve box for 43 inch old cylinder Two McNaught cylinders right and left Fly pulley for 13 ropes General arrangement for triple expansion engine 30 foot rope pulley	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Greenwood and Batley, Leeds Ashton Brothers, Hyde
3079 3079 3079 3080 3095 3098 3098 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods McNaught staging Valve box for 43 inch old cylinder Two McNaught cylinders right and left Fly pulley for 13 ropes General arrangement for triple expansion engine 30 foot rope pulley Crossheads	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Addleton and Tonge Spinning Co Addleton Brothers, Hyde Ashton Brothers, Hyde
3079 3079 3080 3095 3095 3098 3098 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods McNaught staging Valve box for 43 inch old cylinder Two McNaught cylinders right and left Fly pulley for 13 ropes General arrangement for triple expansion engine 30 foot rope pulley Crossheads General arrangement of gearing and ropes	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Asiton Brothers, Hyde Ashton Brothers, Hyde Ashton Brothers, Hyde
3079 3079 3080 3095 3098 3098 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods McNaught staging Valve box for 43 inch old cylinder Two McNaught cylinders right and left Fly pulley for 13 ropes General arrangement for triple expansion engine 30 foot rope pulley Crossheads General arrangement of gearing and ropes General arrangement of vertical lighting engines	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Addleton and Tonge Spinning Co Middleton and Tonge Spinning Co Ashton Brothers, Hyde Ashton Brothers, Hyde Manchester Corporation Lighting Station
3079 3079 3080 3095 3095 3098 3098 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods McNaught staging Valve box for 43 inch old cylinder Two McNaught cylinders right and left Fly pulley for 13 ropes General arrangement for triple expansion engine 30 foot rope pulley Crossheads General arrangement of gearing and ropes General arrangement of vertical lighting engines Layout of lighting station	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Greenwood and Batley, Leeds Ashton Brothers, Hyde Ashton Brothers, Hyde Manchester Corporation Lighting Station Manchester Corporation Lighting Station
3079 3079 3080 3095 3098 3098 3098 3098 3098 3098 3098 3098	Air pump Fly wheel and pinion New cylinder for compound engine Arrangement of engine and boilers General arrangement of McNaught cylinder Details of McNaught cylinder General arrangement of engine Steam and exhaust eccentrics Rocking levers for McNaught and low pressure cylinders Arrangement of piping Staging over valve rods McNaught staging Valve box for 43 inch old cylinder Two McNaught cylinders right and left Fly pulley for 13 ropes General arrangement for triple expansion engine 30 foot rope pulley Crossheads General arrangement of gearing and ropes General arrangement of vertical lighting engines	New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury New Victoria Spinning Co, Bury Ganges Flour Mill, India Abel Buckley, Ryecroft Abel Buckley, Ryecroft Middleton and Tonge Spinning Co Middleton and Tonge Spinning Co Addleton and Tonge Spinning Co Middleton and Tonge Spinning Co Ashton Brothers, Hyde Ashton Brothers, Hyde Manchester Corporation Lighting Station

4 August 1892

3152		
	General arrangement compound Corliss condensing engine	Manchester Corporation Lighting Station
3152	Staring gear for horizontal engine	Manchester Corporation Lighting Station
3156	General arrangement of triple expansion engine	Robert Hall, Kingston Mill, Hyde
3156	Detail of dashpot	Robert Hall, Kingston Mill, Hyde
3156	Details of wheel teeth	Robert Hall, Kingston Mill, Hyde
3156	Arrangement of valve motion	Robert Hall, Kingston Mill, Hyde
3156	Proposed rebuilding of old mill	Robert Hall, Kingston Mill, Hyde
3156	Proposed arrangement of engines and gearing	Robert Hall, Kingston Mill, Hyde
3156	Plan and elevations of engine house	Robert Hall, Kingston Mill, Hyde
3156	Engine house door	Robert Hall, Kingston Mill, Hyde
3156	Detail of engine house roof	Robert Hall, Kingston Mill, Hyde
3156	Detail of flywheel and pinions	Robert Hall, Kingston Mill, Hyde
3156	Foundations for triple expansion Corliss engines	Robert Hall, Kingston Mill, Hyde
3156	Eccentric and coupling rods	Robert Hall, Kingston Mill, Hyde
3156	Arrangement of piping	Robert Hall, Kingston Mill, Hyde
3156	Camshaft, connecting rod and piston rods	Robert Hall, Kingston Mill, Hyde
3156	Arrangement of steam pipes for Barring engine	Robert Hall, Kingston Mill, Hyde
3156	Condenser and air pump	Robert Hall, Kingston Mill, Hyde
3156	Rock shaft, levers and governor wheel	Robert Hall, Kingston Mill, Hyde
3156	Coupling rods	Robert Hall, Kingston Mill, Hyde
3156	Arrangement of feed pump, clack box and pipes	Robert Hall, Kingston Mill, Hyde
3156	Air pump levers, blunger centre, spider, crosshead	Robert Hall, Kingston Mill, Hyde
3156	Details of trip motion	Robert Hall, Kingston Mill, Hyde
3161	Vacuum valve and knock off gear	Robert Hall, Kingston Mill, Hyde
3161	Oil splasher and trays	Robert Hall, Kingston Mill, Hyde
3162	Detail of second motion fixings and shaft	Robert Hall, Kingston Mill, Hyde
3163	Arrangement of steam pipes for triple expansion engine	R Hall and Sons Ltd
3165	Details of gearing weaving shed	R Hall and Sons Ltd
3165	Hangers for weaving shed	R Hall and Sons Ltd
3165	Wall fixing and footstep for upright	R Hall and Sons Ltd
3165	Race for second motion shaft	R Hall and Sons Ltd
3165	Silent drum fixings for blowing room	R Hall and Sons Ltd
3165	Upright for Brook Mill	R Hall and Sons Ltd
3165	Upright fixings for Brook mill footstep	R Hall and Sons Ltd
3165	Fixing for upright shaft numbers 23 and 4 rooms	R Hall and Sons Ltd
3165	Wheel fixing for Number One room	R Hall and Sons Ltd
3165	Silent drum fixings for Number Two blowing room	R Hall and Sons Ltd
3165	Dressing room upright top fixings	R Hall and Sons Ltd
3165	Re-enforcement for weaving shed	R Hall and Sons Ltd
3165	Fixings for upright in Cop Cellar	R Hall and Sons Ltd
3183	General arrangement for electric light installation	Manchester Ship Canal Co
3183	General arrangement of 100 HP compound engine	Manchester Ship Canal Co
3183	General arrangement of 100 HP compound engine - side view	Manchester Ship Canal Co
3198	Jockey pulleys for [order number] 3148 vertical engine	Manchester Corporation Lighting Station
3213	General arrangement of compound Corliss Engine	F.A.Robinson, London
3213	Details of trunk frames	F.A.Robinson, London
3213	Details of crankshaft for compound Corliss engine	F.A.Robinson, London
3213	Details of counter gearing	F.A.Robinson, London
3213	Back slides for compound Corliss engine	F.A.Robinson, London
3213	High pressure cylinder for compound Corliss engine	F.A.Robinson, London
3213	Surface condenser	F.A.Robinson, London
3213	Fly rope pulley	F.A.Robinson, London
3213	Details of barring gear	F.A.Robinson, London
5215		F.A.Robinson, London
2212		I ARUDIIISUII, LUIUUII
3213	Arrangements of governor	E A Bobinson London
3213	Details of Reynolds Corliss trip gear	F.A.Robinson, London
3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder	F.A.Robinson, London
3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders	F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine	F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder	F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine	F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping	F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London
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3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods	F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London
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3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low	F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London
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3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder	F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder	F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder	F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder Cylinder for pumping engine	F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley	F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942	F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side	F.A.Robinson, London F.A.Robinson, London Poynton Collieries Greenwood and Batley, Leeds Hugh Kershaw, Mossley
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan	F.A.Robinson, London F.A.Robinson, London
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine number 2	F.A.Robinson, London F.A.Robinson, London F.A.Robin
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Arrangement of valve gear, high pressure cylinder Varmeplate for low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine number 2 Arrangement of engines and gearing	F.A.Robinson, London F.A.Robinson, London F.A.Robin
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Arrangement of valve gear, high pressure cylinder Arrangement of valve gear, high pressure cylinder Arrangement of to valve gear, bigh pressure cylinder Arrangement of to valve gear, bigh pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 Arrangement of solde lever engine number 2 Arrangement of engines and gearing General arrangement of engine, twin compound	F.A.Robinson, London F.A.Robinson, London F.A.Robin
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 Arrangement of engines and gearing General arrangement of engine, twin compound General arrangement of engine, twin compound	F.A.Robinson, London F.A.Robinson, London F.A.Robin
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3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Arrangement of valve gear, high pressure cylinder Varengement of valve gear, high pressure cylinder Arrangement of valve gear, high pressure cylinder Vinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine number 2 Arrangement of engines and gearing General arrangement of engine, twin compound General arrangement of engine, twin compound General arrangement of engine, twin compound Clutch gear for driving dynamo Liner for 45 inch low pressure cylinder	F.A.Robinson, London F.A.Robinson, London Showells Brewery, Stockport Linotype Co, Broadheath B Goodfellow Wainwright and Riley
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine number 2 Arrangement of engines and gearing General arrangement of engine, twin compound General arrangement of engine, twin compound Clutch gear for driving dynamo Liner for 45 inch low pressure cylinder Oiling arrangement	F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London F.A.Robin
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3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 Arrangement of engines and gearing General arrangement of engine, twin compound General arrangement of engine, twin compound General arrangement of engine, twin compound Clutch gear for driving dynamo Liner for 45 inch low pressure cylinder Oling arrangement	F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine number 2 Arrangement of engines, twin compound General arrangement of engine, twin compound Clutch gear for driving dynamo Liner for 45 inch low pressure cylinder Oiling arrangement	F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London Poynto Collieries Greenwood and Batley, Leeds Hugh Kershaw, Mossley Samuel Greg and Co. Bollington Showills Brewery, Stockport Linotype Co, Broadheath Linotype Co, Broadheath B Goodfellow Wainwright and Riley Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine, twin compound General arrangement of engine, twin compound Clutch gear for driving dynamo Liner for 45 inch low pressure cylinder Detail of geared winding engine Winding drums, brakes and spur wheels Winding engine details Cast iron Details for winding engine Details of brake and drain cock gear	F.A.Robinson, London F.A.Robinson, London Sharison, London F.A.Robinson, London Sheviff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Arrangement of valve gear, high pressure cylinder Nameplate for low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine number 2 Arrangement of engines and gearing General arrangement of engine, twin compound General arrangement of engine, twin compound General arrangement of engine, twin compound Clutch gear for driving dynamo Liner for 45 inch low pressure cylinder Oiling arrangement Detail of geared winding engine Winding drums, brakes and spur wheels Winding engine details Cast iron Details for winding engine	F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London Poynto Collieries Greenwood and Batley, Leeds Hugh Kershaw, Mossley Samuel Greg and Co. Bollington Showills Brewery, Stockport Linotype Co, Broadheath Linotype Co, Broadheath B Goodfellow Wainwright and Riley Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine, twin compound General arrangement of engine, twin compound Clutch gear for driving dynamo Liner for 45 inch low pressure cylinder Detail of geared winding engine Winding drums, brakes and spur wheels Winding engine details Cast iron Details for winding engine Details of brake and drain cock gear	F.A.Robinson, London F.A.Robinson, London Sheviff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Arrangement of valve gear, high pressure cylinder Arrangement of valve gear, high pressure cylinder Cylinder for pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine number 2 Arrangement of engines and gearing General arrangement of engine, twin compound General arrangement of engine, twin compound Clutch gear for driving dynamo Liner for 45 inch low pressure cylinder Oiling arrangement Detail of geared winding engine Winding drums, brakes and spur wheels Winding drums, brakes and spur wheels Winding drums, brakes and spur wheels Winding engine details Cast iron Details for winding engine Details of brake and drain cock gear Details of brake and drain cock gear Details of brake and drain cock gear Details of staring and clutch gear Cylinder 13 inch by 36 inch, general arrangement for right hand cylinder	F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London F.A.Robinson, London S. A.Robinson, London F.A.Robinson, London Showells Brewery, Stockport Linotype Co, Broadheath B Goodfellow Wainwright and Riley Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg
3213 3213 3213 3213 3213 3213 3213 3213	Details of Reynolds Corliss trip gear Diagrams for exhaust valve for high pressure cylinder Diagrams of steam valves high pressure cylinders Alterations to valves compound Corliss engine Diagrams for steam valves, low pressure cylinder Details of low pressure cylinder for compound Corliss engine Arrangement of piping Diagrams for exhaust valves low pressure cylinder Eccentric rods and coupling rods governor details Details of Reynolds Corliss trip gear for high pressure and low pressure Arrangement of valve gear, low pressure cylinder Arrangement of valve gear, high pressure cylinder Or pumping engine 12 foot 6 inch rope pulley General arrangement of twin cylinder engine number 942 General arrangement of twin cylinder engine number 942 - side view and plan Repairs to side lever engine number 2 Arrangement of engines and gearing General arrangement of engine, twin compound Clutch gear for driving dynamo Liner for 45 inch low pressure cylinder Oiling arrangement Detail of geared winding engine Winding drums, brakes and spur wheels Winding engine details Cast iron Details for winding engine Details of staring and clutch gear Cylinder 13 inch by 36 inch, general arrangement for right hand	F.A.Robinson, London F.A.Robinson, London S.A.Robinson, London F.A.Robinson, London F.A.Robinson, London Sharita Stratevine Str

3335	Revised arrangement for geared winding engine, brakes	Sheriff Swisley, Johannesburg
3335	General arrangement of twin winding engine	Sheriff Swisley, Johannesburg
3335	Detail of clutch gear for pinion on crank shaft	Sheriff Swisley, Johannesburg
3335	Details of reversing gear	Sheriff Swisley, Johannesburg
3335	8 inch by 12 inch pedestal	Sheriff Swisley, Johannesburg
3335	7 inch by 11 inch pedestal	Sheriff Swisley, Johannesburg
3335	Brake for winding engine	Sheriff Swisley, Johannesburg
3335	Bed frames	Sheriff Swisley, Johannesburg
3335	Depth indicator gear	Sheriff Swisley, Johannesburg
3335	Motion details	Sheriff Swisley, Johannesburg
3335	Details of rock shaft	Sheriff Swisley, Johannesburg
3335	Alterations of foundations	Sheriff Swisley, Johannesburg
3335	Details of brake shaft rim	Sheriff Swisley, Johannesburg
3335 3335	Revised foundation plan	Sheriff Swisley, Johannesburg
3335	Brass name plate Eccentric and rods	Sheriff Swisley, Johannesburg Sheriff Swisley, Johannesburg
3335	Connecting rods and crosshead	Sheriff Swisley, Johannesburg
3335	Fixings for crank and drum shaft	Sheriff Swisley, Johannesburg
3335	Details of spur wheel and pinion	Sheriff Swisley, Johannesburg
3335	Lagging for cylinders	Sheriff Swisley, Johannesburg
3335	General arrangement of gear for winding engine	Sheriff Swisley, Johannesburg
3335	7 inch stop valve	Sheriff Swisley, Johannesburg
3342	Goodfellow's friction clutch arranged for bevil wheel transmission	
3364	Arrangement of low pressure Corliss cylinders	John Mayall, Mossley - [Britannia Mill]
3364	Trip gear for Corliss valves	John Mayall, Mossley - [Britannia Mill]
3364	Details for low pressure cylinder for beam engine	John Mayall, Mossley - [Britannia Mill]
3364	Coupling and eccentric rods	John Mayall, Mossley - [Britannia Mill]
3364	Details of bridles, valves and spindles	John Mayall, Mossley - [Britannia Mill]
3364	low pressure cylinder and bed frame	John Mayall, Mossley - Britannia Mill
3364	Details of dashpot	John Mayall, Mossley - Britannia Mill
3365	General arrangement barring engine	John Mayall, Mossley - Britannia Mill
3365 3366	Arrangement of Barring engine to second motion pinion	John Mayall, Mossley John Mayall, Mossley Britannia Mill
3366	General arrangement for staging for beam engine	John Mayall, Mossley - Britannia Mill
• • • =	General arrangement of horizontal compound Corliss engine	J Harwood, Cawnpore
3402 3403	Foundations for horizontal compound engine Pipe arrangements for horizontal compound engine	J Harwood, Cawnpore J Harwood, Cawnpore
3403	General arrangements of triple expansion Corliss engine	Artificial Silk Co, Wolston
3452	Spur wheel	Hyde Lane Colliery
3464	Arrangement of steam and water pipes	Giles Atherton, Stockport
3464	General arrangement of tandem compound engine	Giles Atherton, Stockport
3464	General arrangement of tandem compound engine	Giles Atherton, Stockport
3465	Beams and floor plate	J Jennison, Belle Vue
3467	Liner for low pressure cylinder	Astley Mill Co
3468	High pressure cylinder	Samuel Johnson, Failsworth
3468	General arrangement compound Corliss engine	Samuel Johnson, Failsworth
3493	General arrangement of tandem engine and shafting	Robert Hyde, Millbrook
3493	General arrangement of tandem compound engine	Robert Hyde, Millbrook
3528	Pipe arrangements	Narangee Patel Co
3532	Arrangement of spinning room, first floor	Narangee Patel Co
3532	Arrangement of blow room and card room, ground floor	Narangee Patel Co
3532	Arrangement of mule spinning room, top floor	Narangee Patel Co
3532	Section of mill	Narangee Patel Co
3532	Rope race shafts	Narangee Patel Co
3532	Rope race shafts, wall boxes and beams	Narangee Patel Co
3545	General arrangement of horizontal compound tandem engine	Whitehead Brothers, Greenfield Robert Hall and Sons. Hvde
3573	General arrangement of inverted vertical compound engine	
3579 3592	General arrangement of claw coupling General arrangement of horizontal compound Corliss engine	Cressbrook Mill, Monsall Dale Southern Mahratta Spinning Co
3602	6 foot wire rope pulley	Colombo Commercial Co
3651	high pressure cylinder for beam engine	Barnfield Mill Co
3658	General arrangement of horizontal compound Corliss engine	Cuurumbhoy Mill
3664	General arrangement of horizontal compound Corliss engine	The Gold Mohur Mills
3689	General arrangement of horizontal compound Corliss engine	Rekchand Mohota
3694	Plan of rope race	The Gold Mohur Mills
3696	Ground plan - card room intermediate frames	The Gold Mohur Mills
3696	First floor and top floor plans	The Gold Mohur Mills
3696	Roe race shafts	The Gold Mohur Mills
3756	General arrangement of horizontal compound Corliss engine	J Bentley and Co, Manchester
3766	Proposed new brackets for cylinder packing stages	London County Council
3783	Weldless steel rings	London County Council
3786	General arrangement of air pump General arrangement of Corliss engine	Shaw Jardine and Co J&T Brocklehurst
3797 3797	General arrangement of Corliss engine	J&T Brocklehurst
3797	Arrangement of governor gear	London County Council
3797	Cast steel pinions	Shaw Jardine and Co
3798	Detail of flywheel	Shaw Jardine and Co
3807	Arrangement of valve gear	Shaw Jardine and Co
3807	Dashpot and trip gear	Shaw Jardine and Co
3807	High pressure cylinder	Shaw Jardine and Co
3807	Bed frame	Shaw Jardine and Co
3807	Governor stand and pillar	Shaw Jardine and Co
3812	Improved Reynolds trip gear (version F)	A Robinson and Co, London
3835	Box frame brackets to carry gearing for turning fly wheels	B Goodfellow
3837	Spur wheel	G Andrew, Compstall
3842	Gearing for number two ring spinning room	R McClure, Stockport
3842	Wall box and brackets	R McClure, Stockport
3842	Wall box	R McClure, Stockport
3846 3846	Pair of tandem Corliss compound engines Pair of tandem Corliss compound engines	Linotype Co, Broadheath Linotype Co, Broadheath
3846		

3854	Facing tackle for 5 inch boring bar high pressure cylinder, 27 inch diameter, 7 foot stroke	B Goodfellow Astlev Mill Co
3901 4033	Scroll for turning rods	B Goodfellow
4087	Arrangement of staging	London County Council
4093	Arrangement of steam piping	Showells Brewery, Stockport
4108	Dashpot and trip gear	Astley Mill Co
4108	Dash pot and trip gear	Astley Mill Co
4108 4121	Bracket for exhaust rock shaft high pressure cylinder	Astley Mill Co J Jennison, Belle Vue
4121	low pressure cylinder low pressure dash pot and gear	J Jennison, Belle Vue
4121	Hood fixings	J Jennison, Belle Vue
4121	4 inch stop valve	J Jennison, Belle Vue
4121	Foundation plan	J Jennison, Belle Vue
4121	Knock-off gear	J Jennison, Belle Vue
4121	Dash pot and gear	J Jennison, Belle Vue
4121	Knock-off gear	J Jennison, Belle Vue
4121 4121	Horizontal compound Corliss engine High pressure cylinder for side by side engines	J Jennison, Belle Vue J Jennison, Belle Vue
4121	Low pressure cylinder	J Jennison, Belle Vue
4121	Dashpot and gear	J Jennison, Belle Vue
4121	Hood fixings	J Jennison, Belle Vue
4121	Arrangement of valve gear	J Jennison, Belle Vue
4121	Arrangement of governor gear	J Jennison, Belle Vue
4122	Details of surface condenser and circulating pumps	J Jennison, Belle Vue
4122	Clack boxes for circulating pumps	J Jennison, Belle Vue
4122 4122	Arrangement of pipes in engine house	J Jennison, Belle Vue J Jennison, Belle Vue
4122	Surface condenser and circulation pumps Clack boxes for circulating pumps	J Jennison, Belle Vue
4122	Proposed plan for staging intermediate pressure and low	J Jennison, Delle Vue
4181	pressure cylinders	London County Council
4186	Detail of pillar and hand wheel for valves	London County Council
4191	Boss and arms for flywheel	R Hall and Sons, Hyde
4197	Beds for 12 inch and 23 inch horizontal engines	J Jennison, Belle Vue
4197	Crank shaft pedestal	J Jennison, Belle Vue
4197	Beds for 12 inch and 23 inch side by side horizontal engines	J Jennison, Belle Vue
4211	Barring engine details Distance piece between high pressure and intermediate pressure	London County Council
4215	cylinders	London County Council
4215	Arrangement of jacket drains and steam traps	London County Council
4215	Arrangement of copper pipes	London County Council
4215	high pressure cylinder	London County Council
4215	low pressure cylinder	London County Council
4215	Intermediate pressure, cylinder	London County Council
4215	Valve gear bracket and dash pot	London County Council
4215	Valve shaft with brackets	London County Council
4215 4215	Cast steel pistons	London County Council London County Council
4215	Connecting shaft bearings Details of governor drive	London County Council
4215	General arrangement of governor gear and staging	London County Council
4215	Eccentric rods	London County Council
4215	Details of stop valve pillar	London County Council
4215	Index plate for stop valve pillar	London County Council
4215	Clack box and feed pump	London County Council
4045	Hand cut off and index for intermediate pressure and low	Landar County Council
4215 4215	pressure cylinders arrangement of top radius brackets	London County Council London County Council
4215	Valve settings for high pressure, intermediate pressure and low	Echabil County Council
4215	pressure cylinders	London County Council
4215	Valve gear for high pressure cylinder	London County Council
4215	Valve gear bracket and dash pot LOW PRESSURE cylinder	London County Council
4215	Trip gear for intermediate pressure cylinder	London County Council
4215	Trip gear for LOW PRESSURE cylinder	London County Council
1015	Flitch beams, steel gudgeons, high pressure and intermediate	Landar County Council
4215 4215	pressure motion links Proposed arrangements for tripling beam engines	London County Council London County Council
4215	Pipe arrangement for compounding engines	London County Council
4215	General arrangement for compounding existing beam engine	London County Council
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4215	Cross sections of beam and gudgeon of existing beam engine	London County Council
4215	Plans and sectional elevations of existing beam engine	London County Council
4215	Brackets for parallel motion	London County Council
4215	Arrangement of drains to valve bridles	London County Council
4215	Arrangement for relief valves	London County Council London County Council
4215 4215	Floor plates over air pump Arrangement of cast iron neck bushes	London County Council
4215	Analigement of cast from neok busiles	Echacin County Council
4215	Jigs for intermediate pressure and LOW PRESSURE cylinder	London County Council
4215	Foundation for main beams	London County Council
4215	Arrangement of vacuum and pressure gauges	London County Council
4215	Lubricators	London County Council
4215	Arrangement of Sumner lubricator	London County Council
4045	Distance piece between high pressure and intermediate pressure	London County Course
4215 4215	cylinders Arrangement of bottom radius bracket	London County Council London County Council
4210	Arrangement of bottom radius bracket Arrangement of steam traps and jacket drains - Victoria and	London County Council
4215	Albert Edward engines	London County Council
4215	Arrangement of main and auxiliary steam pipes	London County Council
4215	Arrangement of drain pipes and steam traps	London County Council
4215	Governor bracket	London County Council
4215	Trip gear for high pressure cylinder	London County Council

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4215		
	Floor plates for air pump - Prince Consort engine	London County Council
4215	Floor plates for air pump - Victoria engine	London County Council
4215	Floor plates for air pump - Albert Edward engine	London County Council
4215	Floor plates for over air pump for Victoria engines	London County Council
4215	Valves for intermediate pressure and low pressure cylinders	London County Council
4215	Floor plates round cylinders	London County Council
4215	Parallel motion and cross head	London County Council
4216	Beam for supporting entablature columns	London County Council
4216	Cast iron beam for supporting entablature columns	London County Council
4216	Cast iron beam for entablature - engine Prince Consort	London County Council
4216	Cast iron girders	London County Council
4217	Tube plate for surface condenser	London County Council
4218	Air pump details	London County Council
4218	Air and feed pump (inc. 4219)	London County Council
4219	Clack box and feed pump	London County Council
	Re-arrangement of discharge pipes (engines - Victoria and	
4220	Alexandra)	London County Council
1220	Arrangement of jacket feed pipes (engines - Alexandra and	London Obdinty Obdinon
4220	Prince Consort)	London County Council
4220	Copper extension rings	London County Council
4220		3
	Arrangement of steam and exhaust pipes	London County Council
4220	Main engines arrangement of steam and exhaust pipes	London County Council
4220	Arrangement of circulating, overflow and feed water pipes	London County Council
4221	Barring engine 8 inch by 6 inch cylinders	London County Council
4221	Alterations to Snore ring for engine Albert Edward	London County Council
4221	General arrangement barring engine	London County Council
4221	Sections and elevation of condenser	London County Council
4221	Barring engine details	London County Council
4221	Steam and exhaust pipes for barring engine	London County Council
	Floor plate around intermediate pressure and low pressure	
4221	cylinders - Prince Consort engine	London County Council
4221	Floor plates for engine house	London County Council
4222	New "Snore" ring for engine Victoria	London County Council
4222	Snore ring for Prince Consort engine	London County Council
4223	Arrangement of 20 ton travelling crane	London County Council
4232	General arrangement of low pressure cylinder	Astley Mill Co
4232	low pressure cylinder	Astley Mill Co
4232	Trip gear	Astley Mill Co
4232		
	Brackets for steam and exhaust rock shafts	Astley Mill Co
4267	General arrangement of single acting pumping engine	Coventry Waterworks
4268	Plan of single acting pumping engine	Coventry Waterworks
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4271	General arrangement of horizontal compound condensing engine	
4271	7 foot one inch rope pulley	John Welch and Son
4271	Crankshaft and connecting rods	John Welch and Son
4271	Eccentric rods and valve spindles	John Welch and Son
4271	Foundation plan and elevation	John Welch and Son
4271	Engine bed	John Welch and Son
4271	bish succession and law success a diadawa	
4271	high pressure and low pressure cylinders	John Welch and Son
4271 4284		
4284	New cast iron distance pieces for low pressure main links	London County Council
4284 4287	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room	London County Council R McClure and Sons, Travis Brook Mill
4284 4287 4289	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder	London County Council R McClure and Sons, Travis Brook Mill London County Council
4284 4287 4289 4295	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council
4284 4287 4289 4295 4299	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges	London County Council R McClure and Sons, Travis Brook Mill London County Council
4284 4287 4289 4295 4299 4317	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council
4284 4287 4289 4295 4299 4317 4340	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council
4284 4287 4289 4295 4299 4317 4340 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council London County Council Vernon Spinning, Stockport
4284 4287 4289 4295 4299 4317 4340 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport
4284 4287 4289 4295 4299 4317 4340 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport
4284 4287 4289 4295 4299 4317 4340 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Uernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport
4284 4287 4289 4295 4299 4317 4340 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport
4284 4287 4289 4295 4299 4317 4340 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of delivery grid	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport
4284 4287 4289 4295 4299 4317 4340 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of foot box grid	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport Vernon Spinning, Stockport
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4284 4287 4289 4295 4299 4317 4340 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of 38 inch air pump Detail of foot box grid Backslide and supports Pump lever	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport
4284 4287 4289 4295 4299 4317 4350 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of 38 inch air pump Detail of foot box grid Backslide and supports Pump lever intermediate pressure valve gear	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport
4284 4287 4289 4295 4299 4317 4340 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of 38 inch air pump Detail of foot box grid Backslide and supports Pump lever	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport
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4284 4287 4289 4299 4317 4340 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of 38 inch air pump Detail of foot box grid Backslide and supports Pump lever intermediate pressure valve gear low pressure valve gear Altration to knock off cylinder Details of knock off gear Arrangement of indicator gear for high pressure engine Details of driving gear for valve motion Steam and exhaust bridles Crank and connecting rod high pressure side Arrangement of packing stages Back crosshead and slide Crosshead for high pressure side	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport
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4284 4287 4289 4295 4299 4317 4340 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of 38 inch air pump Detail of foot box grid Backslide and supports Pump lever intermediate pressure valve gear low pressure valve gear Alteration to knock off cylinder Details of knock off gear Arrangement of indicator gear for high pressure engine Details of diving gear for valve motion Steam and exhaust bridles Crank and connecting rod high pressure side Arrangement of packing stages Back crosshead for low pressure side Crosshead for low pressure side distance piece between intermediate pressure and low pressure cylinders Details of necknic rod Eccentrics for high pressure, low pressure and intermediate pressure cylinders	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport
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4284 4287 4289 4295 4299 4317 4340 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of 38 inch air pump Detail of foot box grid Backslide and supports Pump lever intermediate pressure valve gear low pressure valve gear Altration to knock off cylinder Details of knock off gear Arrangement of indicator gear for high pressure engine Details of diving gear for valve motion Steam and exhaust bridles Crank and connecting rod high pressure side Arrangement of packing stages Back crosshead for low pressure side Crosshead for low pressure side distance piece between intermediate pressure and low pressure cylinders Details of accentric rod Eccentrics for high pressure, low pressure and intermediate pressure cylinders Details of governor drive Details of governor drive Details of stop motion	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning, Stockport
4284 4287 4289 4295 4299 4317 4340 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of 38 inch air pump Detail of delivery grid Detail of foot box grid Backslide and supports Pump lever intermediate pressure valve gear low pressure valve gear Alteration to knock off cylinder Details of knock off gear Arrangement of indicator gear for high pressure engine Details of knock off gear Arrangement of packing stages Back crosshead and slide Crosshead for low pressure side distance piece between intermediate pressure and low pressure cylinders Details of sceentric rod Eccentrics for high pressure, low pressure and intermediate pressure cylinders Details of governor drive Details of stop motion Mild steel steam separator Re-arrangement of steam pipes Bed frame and girders for high pressure side	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning,
4284 4287 4289 4299 4317 4340 4350 4350 4350 4350 4350 4350 4350	New cast iron distance pieces for low pressure main links Alteration to gearing Number 2 spinning room Jigs for high pressure cylinder Bracket for main beams Name plates for gauges 15 inch boring bar Arrangement of circulating suction pipes General arrangement of triple engines Sight feed lubricators General arrangement of feed pipes Air pump details Detail of 38 inch air pump Detail of 38 inch air pump Detail of foot box grid Backslide and supports Pump lever intermediate pressure valve gear low pressure valve gear Altration to knock off cylinder Details of knock off gear Arrangement of indicator gear for high pressure engine Details of diving gear for valve motion Steam and exhaust bridles Crank and connecting rod high pressure side Arrangement of packing stages Back crosshead for low pressure side distance piece between intermediate pressure and low pressure cylinders Details of governor drive Details of governor drive Details of stop motion Mild steel steam separator Re-arrangement of sigh pressure side Back rosshead for low pressure, low pressure and intermediate pressure cylinders Details of stop motion Mild steel steam separator Re-arrangement of steam pipes Bed frame and girders for high pressure side low pressure cylinder	London County Council R McClure and Sons, Travis Brook Mill London County Council London County Council London County Council London County Council Vernon Spinning, Stockport Vernon Spinning,
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4350	10 inch full way stop valve	Vernon Spinning, Stockport
4350	Sheet steel lagging for high pressure cylinder	Vernon Spinning, Stockport
4350	Sheet steel lagging for intermediate pressure cylinder	Vernon Spinning, Stockport
4350	Sheet steel lagging for low pressure cylinder	Vernon Spinning, Stockport
4350	Arrangement of blow through piping	Vernon Spinning, Stockport
4350	Arrangement of drain pipes	Vernon Spinning, Stockport
4350	General arrangement of triple engines	Vernon Spinning, Stockport
4350	Valve shaft pedestals	Vernon Spinning, Stockport
4350	Cast steel pedestal for high pressure side	Vernon Spinning, Stockport
4350	Detail of throttle valve	Vernon Spinning, Stockport
4350	General arrangement of pipes	Vernon Spinning, Stockport
4350	high pressure valve gear	Vernon Spinning, Stockport
	Sight feed lubricators intermediate pressure and LOW	
4350	PRESSURE side	Vernon Spinning, Stockport
4350	Foundation plan for high pressure side	Vernon Spinning, Stockport
4350	Bed frame for low pressure side	Vernon Spinning, Stockport
4350	Relief valve	Vernon Spinning, Stockport
4350	Air pump and condenser	Vernon Spinning, Stockport
4350	intermediate pressure cylinder	Vernon Spinning, Stockport
4350	Plan of cylinder and pipe drains	Vernon Spinning, Stockport
4350	Arrangement of hand rails round high pressure crank	Vernon Spinning, Stockport
4350	Balanced crank	Vernon Spinning, Stockport
4350	23 inch high pressure piston	Vernon Spinning, Stockport
4350	33 inch intermediate pressure piston	Vernon Spinning, Stockport
4350	56 inch low pressure piston	Vernon Spinning, Stockport
4357	Details of town pump number one engine	Coventry Waterworks
4337	15 inch suction and delivery valves for town pump number one	Covering waterworks
4057		Covertry Weterworks
4357 4357	engine	Coventry Waterworks
	Detail of town pump bucket	Coventry Waterworks
4357	Arrangement for town pump delivery air vessels	Coventry Waterworks
4357	Valve spindle guides for Number 1 engine	Coventry Waterworks
4357	Plan of arrangement for valve gear for Number 1 engine	Coventry Waterworks
	Side arrangement of arrangement for valve gear for Number 1	
4357	engine	Coventry Waterworks
	Front elevation of arrangement for valve gear for Number 1	
4357	engine	Coventry Waterworks
4357	Detail of handling gear for Number 1 engine	Coventry Waterworks
4357	Details of cams for valve gear for Number 1 engine	Coventry Waterworks
4357	Phosphor bronze valves for cylinder for Number 1 engine	Coventry Waterworks
4357	Phosphor bronze valve seatings for cylinder for Number 1 engine	Coventry Waterworks
	high pressure and low pressure cylinder covers for Number 1	,
4357	engine	Coventry Waterworks
4357	Details of phosphor bronze saw tooth throttle valve	Coventry Waterworks
4357	5 inch stop valve	Coventry Waterworks
4357	New high pressure piston	Coventry Waterworks
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4357	Arrangement of steam stop valve for Number 1 engine	Coventry Waterworks
4357	Repairs to Number 1 pumping engine sheet 1	Coventry Waterworks
4357	Repairs to Number One pumping engine sheet 2	Coventry Waterworks
4357	New crosshead and crank	Coventry Waterworks
4357	Details of bearing brasses	Coventry Waterworks
4357	Repairs to relief valve Number 1 engine	Coventry Waterworks
4357	Air pump bucket and delivery valve	Coventry Waterworks
4357	Repairs to Number One pumping engine sheet 1	Coventry Waterworks
4357	Gunmetal piston for jack pump	Coventry Waterworks
4357	Cast iron cover for Hotwell	Coventry Waterworks
4357	Repairs to relief valve	Coventry Waterworks
4357	Governor fixings for Number 1 engine	Coventry Waterworks
4357	Governor pillar and dash pot for Number 1 engine	Coventry Waterworks
4357	Governor for Number 1 engine	Coventry Waterworks
4357	Modification of governor cap and pillar	Coventry Waterworks
4357	Arrangement of governor gear	Coventry Waterworks
4357	Arrangements for barring tackle Number 1 engine	Coventry Waterworks
4357	Revised arrangement of overflow pipes	
		Coventry Waterworks
4357	Working gear for stop valve and cocks	Coventry Waterworks
4357	Working gear for stop valve and cocks	
4357 4357	Working gear for stop valve and cocks Nameplate and dials	Coventry Waterworks Coventry Waterworks
4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear	Coventry Waterworks Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump	Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern	Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well	Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house	Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter	Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder ,	Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine	Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab	Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of high steam and low water safety valves	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of high steam and low water safety valves Details of cast iron rack for spanners	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of exist pro rab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of existing crab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of exist pro rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of existing crab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes Proposed guide for air pump rod	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes Proposed guide for air pump rod Guide for pump rod	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of existing crab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes Proposed guide for air pump rod Guide for pump rod 3 relief valves Arrangement of wedges for entablature columns	Coventry Waterworks Coventry Waterworks
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes Proposed guide for air pump rod Guide for pump rod 3 relief valves Arrangement of wedges for entablature columns Cast iron Boss and spur wheel	Coventry Waterworks Coventry Waterworks Covent
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of high steam and low water safety valves Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes Proposed guide for air pump rod Guide for pump rod 3 relief valves Arrangement of wedges for entablature columns Cast iron Boss and spur wheel Proposed arrangement of relief valve low pressure cylinder	Coventry Waterworks Coventry Council
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of existing crab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes Proposed guide for air pump rod Guide for pump rod 3 relief valves Arrangement of wedges for entablature columns Cast iron Boss and spur wheel Proposed arrangement of relief valve low pressure cylinder Beam engine tripling - floor plate round engine	Coventry Waterworks Coventry Waterworks Covent
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of existing crab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes Proposed guide for air pump rod Guide for pump rod 3 relief valves Arrangement of wedges for entablature columns Cast iron Boss and spur wheel Proposed arrangement for leifer valve low pressure cylinder Beam engine tripling - floor plate round engine Pipe arrangement main range and high pressure cylinder	Coventry Waterworks Coventry Waterworks London County Council London County Council London County Council
4357 4357 4357 4357 4357 4357 4357 4357	Working gear for stop valve and cocks Nameplate and dials Arrangement of counter gear Arrangement of platform for access to town pump Arrangement of platform over condenser cistern Platform in jack well Gangway from engine house to boiler house Arrangement of gauges and counter Cast iron moulding for bottom lagging of high pressure cylinder , Number 1 engine Arrangement of Snatch block for engine house crab Details of existing crab Details of existing crab Details of cast iron rack for spanners Re-arrangement of stem pipe and low pressure cylinder drains Arrangement of drain and warming pipes Proposed guide for air pump rod Guide for pump rod 3 relief valves Arrangement of wedges for entablature columns Cast iron Boss and spur wheel Proposed arrangement of relief valve low pressure cylinder Beam engine tripling - floor plate round engine	Coventry Waterworks Coventry Waterworks Covent

4415	Arrangement of steam pipes main and high pressure cylinders	London County Council
4415	Steam mains revised	London County Council
4415	Cast steel pipe specification	London County Council
4415	Copy of proposed arrangement of circulating suction pipes	
4422	Proposed arrangement of steam traps	London County Council
4422	Proposed arrangement of steam traps and pipes	London County Council
4422	Girder under air pump	London County Council
4422	Arrangement of steam traps and pipes	London County Council
4422	Floor plate for beam engine house	London County Council
4435	Arrangement of feed pumps left hand engine	Park Road Spinning Co, Dukinfield
4439	Floor plates over main beams (engine - Alexandra)	London County Council
4439	Proposed alteration to snore rings (engine - Victoria)	London County Council
4441	Method of securing new foot to air pump bottom	London County Council
4450	Proposed arrangement of gauges and fixings	London County Council
4450	Brick pier under cylinder	London County Council
4454	Proposed arrangement of steam pipes	London County Council
4462	Arrangement of existing wrought iron floor plates	London County Council
4465	Arrangement of drain cocks and gear	London County Council
4468	Pit head sheaves	Unbreakable Pulley Co, London
4476	Proposed arrangement of counter	London County Council
4483	Arrangement of drain cocks and gear	London County Council
4484	Arrangement of drain cocks	London County Council
4485	Arrangement of indicating gear	London County Council
4489	rack arrangement for spanners	London County Council
4494	Feed valve	Vernon Spinning, Stockport
4496	low pressure crankshaft pedestal cap	Vernon Spinning, Stockport
4500		
	Lifting tackle for pedestal cap	Vernon Spinning, Stockport
4505	Proposed C. Iron balance weight for sway beam	London County Council
4510	Proposed extension to stage round high pressure cylinder	London County Council
4514	Rope pulley lathe	B Goodfellow
4514	Arrangement of beds for sliding tool rests	
4514	Proposed arrangement for oiling high pressure eccentric	London County Council
4519	Arrangement of indicating gear	London County Council
4537	General arrangement of low pressure engine	Shaw Jardine Masonic Mill
	o i o	
4543	Support for intermediate pressure and low pressure piston rods	Vernon Spinning, Stockport
4547	Suction valve for Jack pump	Coventry Waterworks
4570	Standard pipe flange jigs	
4570		S Crog Bollington
	Alterations to weaving shed gearing	S Greg, Bollington
4626	Extra weights	Coventry Waterworks
4647	Arrangement of wheel fixing for card room	Apethorn Mill Co
4655	Cylinder covers and valve plug for rotary engine	R Wallwork Woodley
4655	Details of drum, piston, valve cam and bonnet for rotary engine	R Wallwork Woodley
4655	Details of bedplate standards and buffer block	R Wallwork Woodley
4655	Details of wrought iron work for rotary engine	R Wallwork Woodley
4655	Details of eccentric for rotary engine	R Wallwork Woodley
4659	Joint between new and old plate	London County Council
4659	Floor plates over main pumps - engine Prince Consort	London County Council
4659	Floor plates over main pumps - engine Victoria	London County Council
4672	21 foot flywheel	Teasdale Brothers, Darlington
4676	Arrangement of gauge board	London County Council
4676	Flooring over valve shaft	London County Council
4676	Arrangement of circulating discharge pipes	London County Council
4676	0 0 0 0	
	Engine beam	Teasdale Brothers, Darlington
4684	Cast iron spur wheel	Hyde Lane Colliery
4690	Dimensions floor plates round cylinders (Prince Consort)	London County Council
4694	Arrangement of barring engine	Richard Johnson Nephew, Manchester
4706	Details of safety valve	London County Council
4706	Arrangement of air valves	London County Council
4706	Showing position of air valve	London County Council
4716	Cast iron weights for sway beam	London County Council
4721	Extension of staging round high pressure cylinder	London County Council
4725	Mild steel size levers for No.2 engine	S. Greg
4747	General arrangement of high speed engine	B Goodfellow esq.
4747	Compound high speed engine cylinders	B Goodfellow esq.
4747	Crank shaft and connecting rods for high speed engine	B Goodfellow esq.
4747	Pistons for compound high speed engine	B Goodfellow esq.
4749		
4749	Cast iron connecting rod	Hobson Hargreaves, Oldham
4749 4772	Cast iron connecting rod Wrought iron strap end for connecting rod	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham
4772	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport
	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham
4772 4779	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq.
4772	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803)	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport
4772 4779 4802	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co
4772 4779 4802 4806	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece
4772 4779 4802	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co
4772 4779 4802 4806	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece
4772 4779 4802 4806	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece
4772 4779 4802 4806 4812	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton
4772 4779 4802 4806 4812	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton
4772 4779 4802 4806 4812 4813 4813	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE cylinders	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton Failsworth Spinning Co J Dunkerley, Failsworth
4772 4779 4802 4806 4812 4813 4813 4817 4824	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE cylinders New high pressure cylinder to couple with low pressure cylinder New cast iron vane for piston drums	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton Failsworth Spinning Co J Dunkerley, Failsworth Williams Patent Rotary Engine
4772 4779 4802 4806 4812 4813 4813 4817 4824 4824	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE cylinders New high pressure cylinder to couple with low pressure cylinder New cast iron vane for piston drums Details of alterations to arrester	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton Failsworth Spinning Co J Dunkerley, Failsworth Williams Patent Rotary Engine Williams Patent Rotary Engine
4772 4779 4802 4806 4812 4813 4813 4817 4824 4824 4824	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE cylinders New high pressure cylinder to couple with low pressure cylinder New cast iron vane for piston drums Details of alterations to arrester Cast iron piece to be fixed to flywheel	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton Failsworth Spinning Co J Dunkerley, Failsworth Williams Patent Rotary Engine Williams Patent Rotary Engine Williams Patent Rotary Engine
4772 4779 4802 4806 4812 4813 4813 4817 4824 4824 4824 4824 4824	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE cylinders New high pressure cylinder to couple with low pressure cylinder New cast iron vane for piston drums Details of alterations to arrester Cast iron piece to be fixed to flywheel Boring head for 9 inch bar	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton Failsworth Spinning Co J Dunkerley, Failsworth Williams Patent Rotary Engine Williams Patent Rotary Engine Williams Patent Rotary Engine B Goodfellow
4772 4779 4802 4806 4812 4813 4817 4824 4824 4824 4824 4830 4905	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE cylinders New high pressure cylinder to couple with low pressure cylinder New cast iron vane for piston drums Details of alterations to arrester Cast iron piece to be fixed to flywheel Boring head for 9 inch bar New wheels and fixings	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton Failsworth Spinning Co J Dunkerley, Failsworth Williams Patent Rotary Engine Williams Patent Rotary Engine Williams Patent Rotary Engine B Goodfellow John F Booth, Leeds
4772 4779 4802 4806 4812 4813 4813 4817 4824 4824 4824 4824 4824 4824 4825 4905 4927	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE cylinders New high pressure cylinder to couple with low pressure cylinder New cast iron vane for piston drums Details of alterations to arrester Cast iron piece to be fixed to flywheel Boring head for 9 inch bar New wheels and fixings Arrangement of wheel fixings, top spinning room	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton Failsworth Spinning Co J Dunkerley, Failsworth Williams Patent Rotary Engine Williams Patent Rotary Engine Williams Patent Rotary Engine Williams Patent Rotary Engine B Goodfellow John F Booth, Leeds P Wild, Congleton
4772 4779 4802 4806 4812 4813 4817 4824 4824 4824 4824 4830 4905	Cast iron connecting rod Wrought iron strap end for connecting rod Cylinder 12 inch bore, 3 foot stroke Crankshaft governor Alterations to pair of compound tandem engines consisting of 2 new high pressure cylinders, piston rods (inc. 4803) General arrangement of pair of horizontal compound Corliss condensing engines Arrangement of rope race fixings Arrangement of intermediate pressure and LOW PRESSURE cylinders New high pressure cylinder to couple with low pressure cylinder New cast iron vane for piston drums Details of alterations to arrester Cast iron piece to be fixed to flywheel Boring head for 9 inch bar New wheels and fixings	Hobson Hargreaves, Oldham Hobson Hargreaves, Oldham Grove Mill, Stockport B Goodfellow esq. Ridgefield Spinning Co Fautanos. Carrilla Co, Syra, Greece P Wild, Congleton Failsworth Spinning Co J Dunkerley, Failsworth Williams Patent Rotary Engine Williams Patent Rotary Engine Williams Patent Rotary Engine B Goodfellow John F Booth, Leeds

July 1902

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July 1902
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	General arrangement shafting and fixings for ring frames and	
4958	mules	Dukinfield Mill
	Alterations to pair of compound tandem engines consisting of 2	
5020	new high pressure cylinders, piston rods	Hope Spinning Co
	General arrangement of new 45 inch cylinder and 20 inch air	
5026	pump	R Walker Providence Mill, Hyde
5058	Proposed arrangement of tandem triple expansion engine	[None]
7634	Transmission gear for 400 high pressure diesel engine	[None]
	Plan of shafting for weaving department	Bradbury Brady Co, Bombay
	Details of gearing for shafting	Bradbury Brady Co, Bombay
	3 inch by 6 inch side pedestal for solid lubricant	[None]
	Plan of 4 cylinder horizontal triple expansion engine	
	Side elevation of 4 cylinder horizontal triple expansion engine	

missing missing