Scott and Hodgson - MS Papers 0628 Engineering drawings

Drawing number	Order number	Detail	Date	Customer
None	[None]	General arrangement of horizontal cross compound engine	19.8.1924	The Holland Mill Co. Ltd, marple, Cheshire
None	1040	None [general arrangement drawing]	1908	Upper Forest iron Steel and Template Co.
None	T13B	None	[Not dated]	none
None None	[None] [None]	General arrangement Drawing of 28 x 66" hoisting engine Fig two showing method of removing pistons and rods	2.6.1906 1.7.1919	Messrs Bower and Partners Ltd Mr Pilling Paper
None	[None]	Whitmore Brake engine	6.5.1921	Caledonian Collieries Ltd, Watt Street, Newcastle
None	[None]	General arrangement of high pressure three crank reversing plate mill engine	[Not dated]	none
None	[None]	Proposed engine for Finland	[Not dated]	S Brooks Esq, Union iron Works, Gorton
None	[None]	Proposed engine room, Wood Green North for Barratt and Co Ltd	[Not dated]	The Ocean Accident and Guarrantee Corp[oration ltd, 36- 44 Morgate street, EC
None	[None]	General arrangement of horizontal condensing engine	[Not dated]	Scott and Hodgson?
None	[None]	6 x 12 self lubricating straight pedestal	25.3.1902	none
None None	[None] [None]	Stresses in CS flywheels Ground plan of mill and premises	17.8.1923 [Not dated]	none Glasgow Cotton Spinning Co Ltd
None	[None]	22" x 48" semi- Corliss winding engine General arrangement	[Not dated]	Markham and Co Ltd, Chesterfield
None	[None]	12' x18' semi- conical drum	[Not dated]	none
	Diam's	Occasion and the lating and the Ool V COI	0.0.4005	Frazer and Chalmers, Erith for Messrs Bower and
none None	[None] [None]	General arrangement of hoisting engine, 28" X 66" none [general arrangement drawing]	2.6.1905 [Not dated]	Partners none
None	[None]	none	[Not dated]	none
None	[None]	none	[Not dated]	none
44805 AS139	[None] [None]	Electric hoist Winding drum	[Not dated] 5.4.1921	Caledonian Collieries Ltd, Newcastle
AS140	[None]	General arrangement of winding engine	[Not dated]	Caledonian Collieries Ltd, Newcastle
AS142	[None]	Reversing gear details	21.3.1921	Caledonian Collieries Ltd, Newcastle
AS146	[None]	Cylinder valve and piston for brake engine 15 Piston throttle valve for winding engines	15.4.1921	Caledonian Collieries Ltd, Newcastle Caledonian Collieries Ltd, Newcastle
AS147 SNo143	[None] [None]	Sectional plan of bottom	22.4.1921 12.4.1921	Caledonian Collieries Ltd, Newcastle
SNo 144	[None]	Cylinder and valve gear for winding engines	15.4.1921	Caledonian Collieries Ltd, Newcastle
SNo148	[None]	Wallace's patent overwinding & indicator gear	[Not dated]	Caledonian Collieries Ltd, Newcastle
SNo154 101S	[None] [None]	Reversing engine Horizontal cross compound condensing engine - plan	2.5.1921 [Not dated]	Caledonian Collieries Ltd, Newcastle
101S	[None]	Horizontal cross compound condensing engine - elevation	[Not dated]	
102S	[None]	Inverted vertical compound condensing engine - plan	[Not dated]	
102S 103S	[None]	Inverted vertical compound condensing engine - elevation	[Not dated]	
103S	[None] [None]	Inverted vertical cross compound condensing engine - elevation Inverted vertical cross compound condensing engine - plan	[Not dated] [Not dated]	
104S	[None]	Arrangement of 300IHP compound condensing engine	[Not dated]	
105S	[None]	Reduction gears, pinion housings and roll housings for wire rod mill	[Not dated]	
106S 107S	[None] [None]	Arrangement of screw conveyor 32" reversing roughing mill	[Not dated] [Not dated]	
107S	[None]	Arrangement of rail breaking machine	[Not dated]	
109S	[None]	Arrangement of shears for steel sheets	[Not dated]	
236S	[None]	35HP endless rope double haulage gear	28.10.1925	
240S 241S	[None] [None]	Arrangement of proposed gear drive Arrangement of proposed gear drive	5.11.1925 5.11.1925	British Thomson Houston British Thomson Houston
281S	5,9	Instruction plate	27.3.1933	Ditasii ilionisoii iloustoii
335S	[None]	Proposed drive for 6 tinplate mills	[Not dated]	
337S	[None]	Proposed engine & reduction gears for driving 3 tinplate mills Arrangement of proposed barring engine & gear	[Not dated]	
340S 341S	[None] [None]	Arrangement of proposed electric winder - plan	[Not dated] 17.5.1926	
341S	[None]	Arrangement of proposed electric winder - elevation	17.5.1926	
342S	[None]	Arrangement of proposed electric winder - plan	17.5.1926	
346S 349S	520 [None]	Detail of flywheel shaft couplings Arrangement of proposed horizontal tandem drop engine	25.5.1926 [Not dated]	
350S	[None]	Proposed 400IHP non-condensing uniflow engine	[Not dated]	
352S	[None]	Proposed reduction gears for winder	24.6.1926	
354S 367S	[None] [None]	Proposed single cylinder drop valve engine Proposed horizontal condensing compound tandem engine	27.10.1925 [Not dated]	
368S	[None]	Proposed electric winder reduction gears for skip winding	[Not dated]	
369S	[None]	Proposed electric winder with double reduction gears for skip winding	[Not dated]	
377S 385S	[None] [None]	Arrangement of proposed horizontal compound tandem non-condensing engine Arrangement of proposed flywheel & bedplate	[Not dated] [Not dated]	
386S	[None]	Arrangement of geared drive for sheet mills	[Not dated]	
391S	[None]	Sulzer' rolling mill engine	[Not dated]	
392S	[None]	Arrangement of proposed IHP uniflow engine - elevation	[Not dated]	
392S 394S	[None] [None]	Arrangement of proposed IHP uniflow engine - plan Flywheel tests	[Not dated] 4.11.1926	
396S	[None]	Proposed horizontal tandem condensing engine - plan	[Not dated]	
396S	[None]	Proposed horizontal tandem condensing engine - elevation	[Not dated]	
405S 405S	[None] [None]	Proposed geared electric winder - plan Proposed geared electric winder - elevation	[Not dated] [Not dated]	
416S	[None]	Arrangement of proposed turbine reduction gear &c	[Not dated]	
417S	[None]	Proposed reversing reduction gear	[Not dated]	
418S	[None]	Castings for 14'-6" diameter flywheel	[Not dated] [Not dated]	
430S 430S	[None] [None]	Drive for 2-30" sheet mills - elevation Drive for 2-30" sheet mills - plan	[Not dated]	
431S	[None]	Proposed geared rolling mill drive	[Not dated]	
435S	[None]	Proposed single cylinder horizontal engine	[Not dated]	
457S 457S	[None]	Proposed electric winder - plan Proposed electric winder - elevation	31.5.1927	
457S 458S	[None] [None]	Proposed geared 'Koepe' winder	31.5.1927 31.5.1927	
461S	[None]	Proposed geared 'Koepe' winder	6.6.1927	
462S	[None]	Proposed electric winder with double drums - plan	15.6.1927	
463S 464S	[None] [None]	Proposed single-cage man winder Proposed electric winder with single drum - plan	[Not dated] 15.6.1927	
476S	[None]	Proposed electric winder - plan	[Not dated]	
477S	[None]	Proposed electric winder - elevation	[Not dated]	
542S 607S	[None] [None]	Alterations to rope coiling gear Proposed geared drive for sheet mills	12.5.1928 8.1.1929	Hong Kong Tin Ltd, Ayer Hitam Tin Ltd
755S	[None]	Special coupling for 32" reversing mill	4.1.1930	
757S	[None]	Foundations for 6" x 6" barring engine	10.12.1929	
759S	[None]	Proposed geared drive	[Not dated]	
762S 784S	[None] [None]	Indicator cards from reversing rolling mill engines Proposed section of cast steel flywheel	[Not dated] 18.1.1930	
795S	[None]	Proposed double drum winder - plan	7.2.1930	
797S	[None]	Arrangement of valve gear with late cut-off motion	3.2.1930	Hick Hargreaves stamp
799S	[None]	Proposed electric propelling gear for 60 ton ladle carriage	15.2.1920	
802S 804S	[None] [None]	Proposed rope drives for cold rolls Cast steel piston and junk ring	20.2.1930 18.2.1930	
826S	[None]	Proposed engine and rope drives for cold rolls	27.3.1930	
846S	[None]	Particulars of roll necks and extension	24.4.1930	
847S 847	298 [None]	Particulars for balancing flywheel Proposed plan of horizontal engine	12.7.1932 [Not dated]	A Butterworth & Sons, Glebe Mills, Hollinwood
347	[140116]	roposed pidit or monzonial engine	[NOI GAIEG]	A Dattel Worth & Johns, Glebe Willis, Florill Wood

853S	174, 176	33" DH vanadium steel mill pinions	5.5.1930	
876S	247	Cast iron rope pulley	25.6.1930	
923S	358	Detail of corrugating rolls for 6th stage	4.11.1930	
924S 939S	150	Actual profile of 11' diameter flywheel	8.10.1930	
9395 944S	[None] [None]	Section of proposed cylindro conical winding drum Proposed direct coupled flywheel set for rolling mill drive	[Not dated] [Not dated]	
948S	[None]	Proposed 12.5" 3-high pinion housing	21.11.1930	
958S	[None]	Proposed geared electric winder	[Not dated]	
959S 960S	[None] [None]	Bibby patent couplings - multiple spring type Proposed single rope incline haulage	22.12.1930 3.1.1931	
962S	[None]	Arrangement of proposed geared drive for sheet & tinplate mills	31.12.1930	
965S	[None]	Proposed post brakes with swivel shoes	10.1.1931	
1005S	160	7' diameter forged steel flywheel	20.10.1931	
1007S 1050S	[None] [None]	Proposed double reduction geared drive No 8 drive altered to drive new roughing mills	1.8.1931 29.1.1932	
1179S	13	Nameplate for pinion housing	31.1.1933	
	102 [None]	General arrangement of weaving shed for Japan	5.7.1887	John M Sumner & Co, Manchester
103/55	[None]	Arrangement of driving hoist	23.12.1898	Faulder & Co, Stockport
	105 [None]	General arrangement of spinning and weaving machinery	[Not dated]	John M Sumner & Co, Manchester
	685 [None] 687 [None]	Arrangement of proposed new engine Arrangement of proposed new engine	[Not dated] [Not dated]	C Koch & Co Ltd C Koch & Co Ltd
	688 [None]	Arrangement of proposed new engine	[Not dated]	C Koch & Co Ltd
	689 [None]	Arrangement of proposed new engine	[Not dated]	C Koch & Co Ltd
1015	[None]	Arrangement of horizontal engine	[Not dated]	Messrs John M Sumner & Co, Manchester
1024 1034	[None] 425	High pressure cylinder 15" diameter, 2'9" stroke with Corliss valves Wall plate for top end of diagonal shaft, one off	[Not dated] 15.9.1887	
1036	425	Wall bracket and fixing carrying bottom end of diagonal shaft, one off	16.9.1887	
1146	541	Governor gear &c	[Not dated]	
1149	[None]	Arrangement of proposed horizontal compound condensing engine & second motion drive	8.4.1914	
1162	[None]	Proposed plan of driving card room	24.10.1910	Thomas Houldsworth & Co, Reddish
1162	[None]	[mill plans]	10.1.1911	Thomas Houldsworth & Co, Reddish
1174	[None]	Proposed new dynamo	6.12.1910	John Ashworth Ltd, Newtown Mill, Pendlebury
1180	[None]	Proposed vertical engine & rope driving	24.1.1911	G Cheetham & Sons, Stalybridge
1181	[None]	Plan of proposed engine & rope drive	30.1.1911	Richard Fitton's Watersheddings Mill, Oldham
1183	[None]	Arrangement of proposed horizontal engine & rope drive	2.2.1911	Ashworth & Sons Ltd, Cleator Mills
1187 1188	[None] [None]	Proposed horizontal high pressure engine Proposed tandem compound condensing engine	14.2.1911 15.2.1911	The Melingriffith Co Ltd, near Cardiff Richard Goodair Ltd, Springfield Mill, Preston
1193	[None]	Plan of shafting &c for driving machinery in extension	9.3.1911	McConnell & Co Ltd, Ancoats
1199	[None]	Arrangement of proposed vertical cross compound engine	[Not dated]	The Associated Portland Cement 1900 Ltd, Gravesend
1200	[None]	Associated francisco describing the second	[Not dated]	Messrs John Summers & Sons Ltd, Hawarden Bridge
1200	[None] [None]	Arrangement of proposed free flow hydraulic pumps Proposed horizontal cross compound condensing engine	[Not dated] 26.4.1911	Works, Shotton, Flints.
		η σ. σ		
1216	[None]	Plan shewing [sic] proposed arrangement of gearings &c	26.6.1911	Brooks & Doxey Ltd, The Cotton Machinery Trust Co Ltd
1166	[None]	Details of proposed gearing	3.11.1910	The British Westinghouse Electric & Man Co Ltd Partington Steel & Iron Co Ltd, Cadishead, near
1177	[None]	Proposed reversing rolling mill engine	5.1.1911	Manchester
1221	[None]	Plan of proposed dynamo driving	[Not dated]	Thomas Houldsworth & Co Ltd, Reddish
1231	[None]	Plan of proposed horizontal engine & gearing	19.10.1911	WE&F Dobson Ltd, Nottingham
1232	1231 [None] [None]	Arrangement of proposed horizontal side by side condensing engines Proposed arrangement of horizontal tandem engine and gearing for driving rolls by ropes	14.11.1923 [Not dated]	The Fairwood Tinplate Co Ltd, Gowerton, South Wales
1236	[None]	Plan of vertical engine and rope driving	[Not dated]	Hardman, Ingham & Dorson, Oldham
1238	[None]	Arrangement of proposed vertical engine and rope driving	10.11.1911	Thomas Rhodes & Sons Ltd, Hadfield
1242	[None]	Arrangement of proposed triple tandem condensing engines	1.12.1911	Equitable Spg Co Ltd, Oldham
1252 1264 (x2)	[None] [None]	Proposed engine & rope driving Plan of proposed vertical engine & rope driving	23.1.1912 9.4.1912	The Sun Paper Mill Co Ltd, Feniscowles, Blackburn Kershaw Leese & Co Ltd, Stockport
1264A	[None]	Proposed arrangement of pipes	21.5.1912	Kershaw Leese & Co Ltd, Stockport
1269	[None]	Proposed arrangement of driving gassing room	[Not dated]	Rivetts, Stockport
1270	[None]	Plan showing no2 and 3 rooms driven by large motor	[Not dated]	CE Bennnet & Co, Fine Cotton Spinners Association
1277	[None]	Plan of proposed foot fixing &c	30.5.1912	J&G Walthew Ltd, Stockport
1278	[None]	Arrangement of proposed horizontal compound side-by-side condensing rolling mill engine	13.6.1912	Baldwins Ltd, Panteg Steelworks, near Newport
1283	[None]	Proposed vertical cross compound engines	[Not dated]	CF Taylor & Co, Shipley
1284 1287	[None] [None]	Proposed arrangement of driving small weaving shed from second mo shaft Proposed arrangement of engine and rope driving	27.6.1912 2.8.1912	Ashton Weavng Co Ltd John Baines & Co Ltd, Southgate Mill, Preston
1303	[None]	Proposed arrangement of gearing etc in No 1 & 2 rooms	13.11.1912	The Gorsey Bank Doubling Co, Stockport
1309	[None]	Arrangement of proposed compound tandem rolling mill engine	3.12.1912	John Summers & Sons Ltd, Shotton
1310 1311	[None] [None]	Arrangement of proposed compound tandem rolling mill engine Plan showing proposed arrangement of carrying motors & c	3.12.1912 5.12.1912	John Summers & Sons Ltd, Shotton Thomas Rhodes Ltd, Hollingworth
1314	[None]	30 x 36 3 cylinder pumping engine general arrangement	[Not dated]	Davy Brothers Ltd, Sheffield
1317	[None]	Arrangement of proposed horizontal tandem rolling mill engine	16.12.1912	·
1318	[None]	Arrangement of proposed vertical cross compound engine	10.1.1913	Portland Cement Construction Co Ltd, Gravesend
1322 1325	[None] [None]	Arrangement of proposed inverted compound condensing engine General arrangement of compounding present engines	21.1.1913 17.8.1888	Messrs S Hague & Co, North St Mill, Oldham
1333	[None]	Proposed gearing for mule rooms	10.3.1913	Una Mill Co Ltd, Mossley
1342	[None]	Proposed position of engine and boiler houses	25.4.1913	Richard Haworth & Co Ltd
1342	[None]	Proposed position of engine and boiler houses Proposed position of engine and boiler houses	29.4.1913 30.4.1913	Richard Haworth & Co Ltd Richard Haworth & Co Ltd
1342 1344	[None] [None]	Proposed position or engine and boiler nouses Proposed arrangement of driving ring room &c	6.5.1913	Richard Haworth & Co Ltd Reyners (1912) Ltd
1345	[None]	Arrangement of proposed horizontal engine and rope drive	7.5.1913	Joseph Hardman Esq, Waterhead
1347	[None]	Plan of proposed turbine & rope drive	15.5.1913	Kershaw, Leese, & CO Ltd, Stockport
1351	[None]	Arrangement of proposed vertical engines	[Not dated]	C Ashworth & Sons Ltd, Birch Street Mll, Ashton-u-Lyne
1355	570	Fly spur wheel	[Not dated]	·
1360	[None]	2300 BHP steam turbine & gearing	12.8.1913	CA Parsons & Co Ltd, Scott & Hodgson
1367 1368	[None] [None]	Proposed free flow electrically-driven pumps Plan of proposed new engine & rope driving	6.10.1913 4.10.1913	Frodingham Iron & Steel Co Ltd, Scunthorpe Joseph Clegg Ltd, High Crompton
1372	[None]	Plan of proposed vertical engine & rope driving Plan of proposed vertical engine & rope driving	15.10.1913	The Lees Union Mills Co Ltd, Oldham
1378	[None]	Plan of proposed vertical engine	31.10.1913	Joseph Clegg Ltd, High Crompton
1379	[None]	Plan of proposed vertical engine	31.10.1913	Joseph Clegg Ltd, High Crompton
1380 1384	[None] [None]	Plan of proposed shafting &c for driving machinery in cellar Plan of proposed new engine	3.11.1913 7.11.1913	Dee Mill Ltd, Shaw Newton Bros, Waterhead
1386	[None]	Proposed arrangement of rope driving	25.11.1913	Bury Cotton Spinning Co Ltd, Bury
		Curve showing variation in steam consumption with various degrees of superheat, machine		
1410	[None]	no 1452	[Not dated]	Kershaw, Leese & Co Ltd
1412 1426	[None] [None]	Proposed arrangement of horizontal engine, boilers & gearing Proposed re-arrangement of card & Frame rooms	14.1.1914 31.1.1914	Lees Union Mills Co Ltd, Oldham Guide Bridge Spinning Co Ltd
1432	[None]	Proposed arrangement of driving numbers 2 & 3 frame rooms in rope race	12.2.1914	A&G Murray Ltd, Ancoats
1434	[None]	Proposed arrangement of new horizontal engine & rope driving	21.2.1914	Stanley spinning Co Ltd, Lees
1438	[None]	Proposed re arrangement of card room Arrangement of proposed horizontal engines	27.2.1914	A&G Murray Ltd, Ancoats CWS Manchester
1446 1452	[None] [None]	Proposed plan of shafting &c for driving machinery in card room	1.4.1914 22.4.1914	G Swindells & Sons Ltd, Clarence Mill, Bollington
1457	[None]	Proposed horizontal compound tandem condensing engine	5.4.1914	,, g

Mode Proceed process or common of controllary growing 14,504	1462	[None]	Proposed arrangement of driving tope spinning room	8.5.1914	Lees & Knott Ltd, Ashton
1647 Plane Proceed continues of a mark with a family souring cold and hypothesis (1.6 minutes) 1.6 minutes 1.6 minutes	1464	[None]	Proposed vertical compound condensing engine	14.5.1914	
1970					W Sutcliffe & Sons, Manchester
1972 Street Str	1470	[None]	Proposed extension of 2nd motion shaft & driving weaving shed shaft by ropes	18.6.1914	
1.00 1.00		[None]	Arrangement of proposed 4" wrot steel boiler feed range		
1966 1972	1478	[None]	Proposed arrangement of driving mules in numbers 4, 5 & 6 rooms	21.7.1914	
1900 170					Esdaile & Co Ltd, London
101 102 103	1490	776	Details of crab for 15 ton travelling crane	[Not dated]	
16.77 Share Amazament of processed pages Share Amazament of page					
1000 1000					Magaza Aktishalagat Elaktron, Cathanhura
1000 1001					
	1566	530		[Not dated]	
Part					
1686 Nove Amongonesis of proposed branch conceptor labeline sources on purpose 16.5 PM					
100					
	1591	102	Sectional elevations of 25 ton travelling crane	[Not dated]	,,
1935 New Proposed compound condensing below a engine 24,1916 No. 1995 Service Fire & Co. Ltd. Stockschaftys Serv	1609	[None]	Diagrams taken Sept 21 1915	7.10.1915	A McDougall Ltd, City Corn Mill, Manchester
1933 1938 207 Septembro Proposed strangment of riches Abertal Schaller Proposed strangment of riches Models Proposed Models Propose					Samuel Fox & Co. Ltd. Stockshridge
1					·
Percent Proposed arrangement of prival position Proposed private Peter Peter	1670	[None]	Proposed hydraulic cake press	20.11.1916	Chilworth Gunpowder Co Ltd, Fernilee Mills
Page	1678	[None]		22.1.1916	
1922					Palmers Shipbuilding & Iron Co, Jarrow-on-Tyne
Plane Plane Plane Copyright Plane Plane Plane Copyright Plane Plan					
Plane of Looped Inviting See To recting final 10.5.1917 Mayes Ellison *1.Co., Darnell Works Mayes El					
1764 Novel Proposed armagment of the publication of publication of the publication	1696	[None]	Plan of rope driving &c for rolling mill	10.5.1917	
1787 Nove Proposed arrangement of hydraulic purps S. 1819 Nove Proposed arrangement of hydrogla by pressed in door and gasen 1.4 1919 Nove Proposed arrangement of hydrogla by pressed in the proposed in the	1697				
1731 Nove Proposed arrangement of protopod host contenting angine 174 Nove Arrangement of proposed host contenting angine 22.5 1919 1916 Nove Arrangement of proposed host contenting angine 22.5 1919 1916 Nove Arrangement of proposed host contenting angine 22.5 1919 1916 Nove Arrangement of proposed host contenting angine 22.5 1919 1919 Nove Arrangement of proposed host compound condensing engine 12.5 1912 Nove 1917 Nove 1917		1787 [None]	Proposed arrangement of hydraulic pumps	5.4.1919	
1816 Niver 1816					Ryhope Colliery, Sunderland
1830 None Arrangement of proposed rolling mill drive for three sheet mills 14.11.1919 1968 None 19		1816 [None]	Arrangement of proposed horizontal compound condensing engine	22.8. 1919	
1864 Nume Third scheme arrangement of angine and gearing 1869 Nume Amangement of houseast cross compound engine with trunk frame 12.1 1922 1.3 1922		1816 [None]	Arrangement of proposed horizontal compound condensing engine	22.8. 1919	
1964 None Proposed vertical compound condening angle engine with trunk frame 2.1 922 10.3 19		1830 [None]	Arrangement of proposed rolling mill drive for three sheet mills	14.11.1919	Mocore Wright Howarth and Co. Ltd. Albert Works, New
1971 None 1971 None 1972 None 1972 None 1972 None 1973 None		1964 [None]		2.2.1922	
1970 7.46 Arrangement of rope driving for No 1 Throsel Room 15.12.1889 3.4.1922 1.2.1889 3.4.1922 1.2.1889 3.4.1922 1.2.1889 3.4.1980 3.4.198		1969 [None]	Arrangement of horizontal cross compound engine with trunk frame	10.3.1922	
1972 None Arrangement of vertical cross compound condensing engines 3.4, 1922 3.86 Secretal arrangement of HP Cortiss of yoline Proposed horizontal tandem engine and generator dive for roughing and finishing mills 12.5, 1922 1987 None Proposed horizontal tendem engine and generator dive for roughing and finishing mills 12.5, 1922 1987 None Proposed vortical compound condensing engines 26.7, 1922 1997 None Proposed vortical compound condensing engines with rope pulley outside 26.7, 1922 1997 None Proposed vortical compound condensing engines with rope pulley outside 26.7, 1922 1997 None Proposed vertical compound condensing engines with rope pulley outside 26.7, 1922 1997 None Proposed vertical mill engine 14.9, 1922 1997 None Proposed vertical mill engine 19.9, 1922 1997					City of Ahmedabad Spinning and Manufacturing Co, India
1821 1866 General arrangement of HP Cortiss Cylinder 1821 1822	1970				
1982 None Proposed nonzonate landem engine and generator dive for roughing and finishing mills 16.5 1922 Messrs The Steel Company of Scotland 1997 None Proposed nonzonatening engine with rope pulley outside 20.7 1922 2010 None Proposed nonzonatening engines with rope pulley outside 20.7 1922 2010 None Proposed working compound tenders no received in the proposed of	1821				
1992 None Proposed vertical compound condensing online 36.1922 26.7.1922 27.7.1924 27.7.					
1997 None Proposed vertical compound condensing engine with rope pulley outside 26.7 r. 1922 2007 None Proposed single cylinder horizontal engine 17.4 months 18.5 mon					Messrs The Steel Company of Scotland
2007 None Proposed single cylinder horizontal engine 17.4 1890 Messrs John Summers & Sons, Staleybridge 14.9 1922 17.4 1890 Messrs John Summers & Sons, Staleybridge 14.9 1922 17.4 1890 Messrs John Summers & Sons, Staleybridge 14.9 1922 17.4 1890 Messrs John Summers & Sons, Staleybridge 18.9 1922 18.0 18.0		1997 [None]		3.6.1922	. ,
2010 None Proposed two Cylinder reversing folling mill engine 17.4.1890 14.9.1922 14.9.192					
2010 None Proposed worsign for line grille gr	2109	[None]	General arrangement of compound tandem horizontal engine		Messrs John Summers & Sons, Staleybridge
2011 None Proposed vertical mill engines 19.9.1922 18.0.1895 18.0.1892 18.0.	2010A				
2012		2011 [None]	Proposed vertical mill engines		
1213 120					
2017 None Proposed vertical mill engine 5.10.1922 2025 None Proposed arrangement of three cylinder reversing rolling mill engine 17.10.1922 2025 None 2029 None Proposed and rolling mill engine 19.10.1922 2039 None Proposed non-condensing rolling mill engine 10.11.1922 2034 None Proposed non-condensing rolling spindles for counts average 20s with 750 looms 14.11.1922 2036 None Proposed non-condensing rolling spindles for counts average 20s with 750 looms 14.11.1922 2036 None Proposed non-condensing spindles for counts average 20s with 750 looms 14.11.1922 2036 None Proposed non-condensing engine 2031.1923 2038 None Arrangement of 2500 h phorizontal cross compound condensing engine 2031.1923 2039 None Arrangement of engines, boilers, pipes and gearing for the new fine spinning mill, 1165,064 2039 None Arrangement of engines, boilers, pipes and gearing for the new fine spinning mill, 1165,064 2031 None Arrangement of proposed 800 hp uniflow engine and rope drive 20.11.1923 2035 None Arrangement of proposed horizontal compound tandem condensing engines 20.11.1923	2113	120	Arrangement of rope driving in No3 & 4 rooms, East Mill	18.4.1890	
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2034 [None] Plan of mill to contain 9315 ring spindles for counts average 20s with 280 looms 7.10.1922 2036 [None] Plan of mill to contain 3020 ring spindles for counts average 20s with 750 looms 14.11.1922 2038 [None] Plan of mill to contain 40.194 ring spindles for counts average 20s with 100 looms 14.11.1922 2038 [None] Arrangement of 2500 hp horizontal cross compound condensing engine [Not dated] Arrangement of spindles of engines, boilers, pipes and gearing for the new fine spinning mill, 1165,064 2092 [None] Arrangement of engines, boilers, pipes and gearing for the new fine spinning mill, 1165,064 2092 [None] Arrangement of proposed 800 hp uniflow engine 61.11.923 2132 [None] Arrangement of proposed horizontal compound tandem condensing engines 21.11.1923 2135 [None] Arrangement of proposed duritow engine and rope drive 20.11.1923 2136 [None] Proposed conversion of number 1 sheet mill drive, scheme A using existing crank shaft 23.11.1923 2139 [None] Proposed conversion of number 1 sheet mill drive, scheme C 2 fly wheels on pinion shaft 21.12.1923 2139 [None] Proposed vertical compound condensing engines 17.1.1924 2138 [None] Proposed vertical compound surface condensing engines 17.1.1924 2138 [None] Proposed inverted vertical compound surface condensing engines 12.4.1924 2138 [None] Proposed inverted vertical compound surface condensing engine 21.1.1924 2139 [None] Proposed inverted vertical compound surface condensing engine 21.1.1924 2139 [None] Proposed inverted vertical compound surface condensing engine 21.1.1924 2139 [None] Proposed inverted vertical compound surface condensing engine 21.1.1924 2139 [None] Arrangement of 2 foot diameter for huller 27.7.1924 2139 [None] Arrangement of 2 foot diameter for huller 27.7.1924 2139 [None] Arrangement of 2 foot diameter for huller 27.7.1924 2139 [None] Arrangement of 2 foot diameter for huller 27.7.1924 2139 [None] Arrangement of 2 foot diameter for huller 27.7.1924 2235 [None] Arrangement of 2 foot diameter for huller 27.7.1924 2235 [None] Arrangement of		2029 [None]	Proposed non-condensing rolling mill engine	3.11.1922	Ea, Oromback Hills, Olumani
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2039 [None] Arrangement of sheet tin plate mill drives Arrangement of engines, boilers, pipes and gearing for the new fine spinning mill, 1165,064 2092 [None] spindles spindles 37.1923 Bolton for the Basildon Mill, Bamber Bridge 2132 [None] Arrangement of proposed 800 hp uniflow engine 6.11.1923 41.11.11.1924 41.11.1923 41.11.1923 41.11.1923 41.11.1923 41.11.1923 41.11.11.11.11.11.11.11.11.11.11.11.11.1					
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2152 [None] Proposed vertical compound condensing engines 17,1,1924 2165 [None] Arrangement of proposed mechanical equipment for electric winder 26.4,1924 2183 [None] Proposed inverted vertical compound surface condensing engines 12,4,1924 2186 [None] Proposed enverted vertical compound surface condensing engine 11,4,1924 2186 [None] Proposed new Corliss cylinders for triple expansion engine [Not dated] 2186 224 General arrangement of Corliss cylinder and valve gear 26.6,1890 2195 218 141/4" diameter x5' stroke high press: cylinder [Not dated] Not dated] Not dated] 2215 [None] Arrangement of 3 foot 6 inch diameter frice huller 27.7,1924 2216 [None] Arrangement of 2 foot diameter hulling cone 177.1924 2216 [None] Arrangement of proposed arrangement of haulting engine [Not dated] 2235 [None] Arrangement of proposed drive for cold rolls 1,11,1924 2236 [None] Arrangement of proposed horizontal tandem rolling mill engine 5.11,1924 2236 [None] Arrangement of proposed horizontal tandem steam extraction engine [Not dated] East Lancashire Paper Mill Co Ltd		2151 [None]		[Not dated]	
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2186 [None] Proposed inverted vertical compound surface condensing engine 2186 [None] Proposed new Corliss cylinder and valve gear 26.6.1890 [Not dated] 2186 224 General arrangement of Corliss cylinder and valve gear 26.6.1890 [Not dated] 218 141/4" diameter x 5" stroke high press: cylinder [Not dated] 2215 [None] Arrangement of 2 foot diameter rice huller 27.7.1924 [None] Arrangement of 2 foot diameter hurling cone 17.7.1924 [Not dated] 2216 [None] Proposed arrangement of hauling engine [Not dated] 2235 [None] Arrangement of proposed rope drive for cold rolls 11.1.1924 [Not dated] 2236 [None] Arrangement of proposed horizontal tandem steam extraction engine [Not dated] East Lancashire Paper Mill Co Ltd					
2186 224 General arrangement of Corliss cylinder and valve gear 26,6.1890 2195 218 1411/4" diameter x 5" stroke high press: cylinder (Not dated)		2184 [None]	Proposed inverted vertical compound surface condensing engine	11.4.1924	
218 218 141/4" diameter x 5' stroke high press: cylinder [Not dated] Old mill 2215 [None] Arrangement of 3 foot 6 inch diameter rice huller 27.7.1924 2216 [None] Proposed arrangement of 2 foot diameter hurling cone 17.7.1924 2216 [None] Proposed arrangement of hauling engine [Not dated] 2235 [None] Arrangement of proposed rope drive for cold rolls 1.11.1924 2236 [None] Arrangement of proposed horizontal tandem rolling mill engine 5.11.1924 2251 [None] Arrangement of proposed horizontal tandem steam extraction engine [Not dated] East Lancashire Paper Mill Co Ltd	2186				
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2236 [None] Arrangement of proposed horizontal tandem rolling mill engine 5.11.1924 2251 [None] Arrangement of proposed horizontal tandem steam extraction engine [Not dated] East Lancashire Paper Mill Co Ltd		2216 [None]	Proposed arrangement of hauling engine	[Not dated]	
2251 [None] Arrangement of proposed horizontal tandem steam extraction engine [Not dated] East Lancashire Paper Mill Co Ltd					
2253 [None] Proposed vacuum pumping engine 16.1.1924		2251 [None]	Arrangement of proposed horizontal tandem steam extraction engine	[Not dated]	East Lancashire Paper Mill Co Ltd
		2253 [None]	Proposed vacuum pumping engine	16.1.1924	

	2258	[None]	Proposed rope drive for rolling mills	2.2.1925	
		[None]	Arrangement of 40 inch cogging mill	13.2.1925	
		[None] [None]	Arrangement of proposed electric winder Proposed cast steel cylindro-conical winding drum 15-30 feet diameter	[Not dated] [Not dated]	
		[None]	Brake gear details for proposed electric winder	7.5.1925	
		[None]	Plan of proposed engines and boilers	22.5.1925	The Cavendish Spg Co Ltd, Ashton under Lyne
	2296	[None]	Plan of proposed engines and boilers Arrangement of Scott and Hodgson's patent combined overwind and overspeed preventer	19.5.1925	The Cavendish Spg Co Ltd, Ashton under Lyne
		[None]	and depth indicator for colliery winders patent no 250306	[Not dated]	
		[None] [None]	Arrangement of proposed vertical engines and rope drive Process of shrinking wheel centre on shaft	6.10.925 21.4.1925	The Pennington Spg Co (Buckleys) Ltd, Mossley
		[None]	Arrangement of proposed mill etc. for rolling tin plate	[Not dated]	The Redbrook Tin Plate Co, Pontnewydd near Newport
		[None]	General arrangement of winding engine	[Not dated]	
		[None] [None]	Details of steel work General arrangement of cross compound winding engine	[Not dated] [Not dated]	
		[None]	Proposed 1800 IHP uniflow engine and rope drive for 6 sheet mills	20.2.1926	
		[None]	Proposed electrical geared drive for 45 sheet mills with two motors and 3 fly wheels Proposed horizontal cross compound condensing engine	30.3.1926	
		[None] [None]	Proposed gear drive for 3 sheet mills and 2 cold rolls	[Not dated] 30.3.1926	
	2385	[None]	Proposed vertical engine for tin plate mills	[Not dated]	
2394		[None] [None]	General arrangement of compound tandem engine Proposed arrangement for winding engine	6.1.1890 [Not dated]	Messrs Winfield Ltd, Birmingham
		[None]	Proposed arrangement for winding engine	[Not dated]	
2410		576	General arrangement of engine	[Not dated]	
		[None] [None]	Arrangement of proposed electrical geared drive for 4 30inch sheet mills and 2 cold rolls Arrangement of proposed valve gear for new high pressure cylinders	2.11.1926 24.11.1926	The Llanelly Foundry and Engineering Co Ltd
		[None]	General arrangement of pumping plant	[Not dated]	
		[None] [None]	Arrangement of twin compound engine Proposed uniflow engine for sheet mill and cold rolls	[Not dated] 28.12.1926	
		[None]	Proposed drilliow engine for sheet filling and cold folis Proposed horizontal compound tandem condensing engine	11.2.1927	
			Arrangement of proposed horizontal cross compound rolling mill engines for driving 7 sheet		
		[None] [None]	mills Arrangement of proposed inverted vertical enclosed engines and reduction gears	25.2.1927 20.4.1927	
		[None]	Arrangement of proposed horizontal winding engine	[Not dated]	
2474		[None]	General arrangement of side by side engine	11.3.1891	John Turner Esq, Denford
2474 2483		[None] [None]	General arrangement of side by side engine General arrangement of compound tandem engine	[Not dated] 19.3 1891	Messrs John Turner, Denton Messrs Winfields Ltd, Birmingham
		-			Park St and Bridge St Mills, T Isherwood and Co Ltd,
	2501	[None]	Arrangement of proposed turbine and rope drives	[Not dated]	Heywood Belliss and Morcom Ltd, at Messrs Prockters and Co Ltd,
	2510	[None]	Arrangement of proposed steam turbine and rope drive	17.12.1927	Vale Mill, Hollingwood
		[None]	General arrangement of triple expansion engine and pumps	[Not dated]	-
		[None] [None]	Proposed arrangement of vertical engines conversion for heat extraction Arrangement of proposed inverted vertical triple expansion surface condensing engine	12.9.1928 22.9.1928	Belfast Rope Works Co Ltd, Belfast
		[None]	General arrangement of engines and boilers	[Not dated]	Beliast Nope Works Go Eta, Beliast
					South Staffordshire Water Works, Maple Brook Pumping
		[None] [None]	Diagrams taken during test of triple expansion pumping engine Arrangement of triple expansion inverted vertical condensing engines	12.11.1915 8.1.1929	Station
2589		[None]	Arrangement of side by side Corliss engines	14.7.1891	Messrs Kershaw, Leese & Co, Stockport
	2500	[None]	General arrangement combined depth indicator and overwind and overspeed preventer for colliery winders	[Not dated]	
		[None]	Diagrammatic arrangement of single lever controlling gear	[Not dated] 22.1.1929	
		[None]	Arrangement of proposed horizontal tandem rolling mill engine	26.1.1929	
		[None] [None]	Arrangement of proposed single lever control gear Arrangement of compound Bessemer blowing engine	5.2.1929 [Not dated]	
	2000	[None]	Attaingulation compound besselfer blowing engine	[Not dated]	Messrs D & S Ockleston, Manchester (Partington Paper
0000		D. L	Out and a man a second of a second data data and a	04.0.4004	Mill on Manchester Ship Canal, engine running until
2606	2607	[None]	General arrangement of compound tandem engine General arrangement of hydraulic cumping engine	24.9.1891 [Not dated]	Mill on Manchester Ship Canal, engine running until scrapped in 1968)
2606	2619	[None] [None]	General arrangement of hydraulic pumping engine	[Not dated] 6.7.1916	
	2619 2620	[None] [None] [None]	General arrangement of hydraulic pumping engine Engine	[Not dated] 6.7.1916 10.7.1916	scrapped in 1968)
2606 2623 2630	2619 2620	[None] [None]	General arrangement of hydraulic pumping engine	[Not dated] 6.7.1916	
2623	2619 2620 2633	[None] [None] [None] 550 [None] [None]	General arrangement of hydraulic pumping engine Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated]	scrapped in 1968) West End Spinning Co, Oldham
2623	2619 2620 2633 2635	[None] [None] [None] 550 [None] [None] [None]	General arrangement of hydraulic pumping engine Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of gas engines	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated]	scrapped in 1968) West End Spinning Co, Oldham
2623	2619 2620 2633 2635 2644	[None] [None] [None] 550 [None] [None]	General arrangement of hydraulic pumping engine Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated]	scrapped in 1968) West End Spinning Co, Oldham
2623	2619 2620 2633 2635 2644 2646 2648	[None] [None] [None] 550 [None] [None] [None] [None] [None] [None]	General arrangement of hydraulic pumping engine Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated]	scrapped in 1968) West End Spinning Co, Oldham
2623 2630	2619 2620 2633 2635 2644 2646 2648 2652	[None] [None] [None] 550 [None] [None] [None] [None] [None] [None] [None] [None]	General arrangement of hydraulic pumping engine Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engines	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated]	scrapped in 1968) West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto
2623 2630 2678 2678	2619 2620 2633 2635 2644 2646 2648 2652	[None] [None] [None] 550 [None] [None] [None] [None] [None] [None] [None] 214 214	General arrangement of hydraulic pumping engine Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of engine for drive Arrangement of compound beam engine Arrangement of compound beam engine	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [1.00]	scrapped in 1968) West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham
2623 2630 2678	2619 2620 2633 2635 2644 2646 2648 2652	[None] [None] [None] 550 [None] [None] [None] [None] [None] [None] 214 214	General arrangement of hydraulic pumping engine Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine General arrangement of compound side by side engine	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated]	Scrapped in 1968) West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H
2623 2630 2678 2678	2619 2620 2633 2635 2644 2646 2648 2652	[None] [None] [None] 550 [None] [None] [None] [None] [None] [None] [None] 214 214	General arrangement of hydraulic pumping engine Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of engine for drive Arrangement of compound beam engine Arrangement of compound beam engine	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [1.00]	scrapped in 1968) West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham
2623 2630 2678 2678	2619 2620 2633 2635 2644 2646 2648 2652 2688 2694 2699	[None] [None] [None] 550 [None] [None] [None] [None] [None] [None] [None] 214 2 [None] [None] [None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine General arrangement of compound side by side engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] 12.11.1891 [Not dated] 12.14.1893 12.4.1930 12.5.1930	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne
2623 2630 2678 2678	2619 2620 2633 2635 2644 2646 2648 2652 2688 2694 2699	[None] [None] [None] 550 [None] [None] [None] [None] [None] [None] 214 214 2 [None] [None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of a rank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engines Proposed arrangement of uniflow engine Arrangement of compound beam engine Arrangement of compound beam engine General arrangement of propound side by side engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed horizontal tandem steam extraction engine	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated] 12.11.1891 [Not dated] 12.11.1930	Scrapped in 1968) West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd
2623 2630 2678 2678	2619 2620 2633 2635 2644 2648 2652 2688 2694 2699 2707	[None] [None] [None] 550 [None] [None] [None] [None] [None] [None] [None] 214 2 [None] [None] [None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 5 crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine Arrangement of compound beam engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed horizontal tandem steam extraction engine Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] 12.11.1891 [Not dated] 12.14.1893 12.4.1930 12.5.1930	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne
2623 2630 2678 2678	2619 2620 2633 2635 2644 2646 2648 2652 2688 2694 2699 2707 2715	[None] [None] [None] [Sone] [None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of S crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engines Proposed arrangement of compound beam engine Arrangement of compound beam engine General arrangement of compound beam engine General arrangement of foroposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed horizontal tandem steam extraction engine Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and	[Not dated] (6.7.1916 (10	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne
2623 2630 2678 2678	2619 2620 2633 2635 2644 2646 2648 2652 2688 2694 2699 2707 2715	[None] [None] [None] [Sone] [None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 5 crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine Arrangement of compound beam engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed horizontal tandem steam extraction engine Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit	[Not dated] 6.7.1916 10.7.1916 [Not dated] 1.9.1891 [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] 12.11.1891 [Not dated] 12.11.1930 12.4.1930 June 1930	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne
2623 2630 2678 2678 2679	2619 2620 2633 2635 2644 2646 2652 2688 2694 2699 2707 2715 2717	[None] [None] [None] [None] [Sone] [None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine General arrangement of compound beam engine Arrangement of compound beam engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets)	[Not dated] 6.7.1916 10.	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne North of Ireland Paper Mill Ltd, Larne
2623 2630 2678 2678 2679	2619 2620 2633 2635 2644 2648 2652 2688 2694 2699 2707 2715 2717 2720	[None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets) Arrangement of proposed spines and high pressure non-condensing engine	Not dated 6.7.1916 10.7.1916 10.7.1916 10.7.1916 Not dated 1.9.1891 Not dated 12.11.1891 Not dated 12.11.1891 Not dated 12.3.1930 12.4.1930 12.4.1930 19.3	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne
2623 2630 2678 2678 2679	2619 2620 2633 2635 2644 2646 2648 2652 2688 2694 2699 2707 2715 2717 2720	[None] [None] [None] [None] [Sone] [None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine General arrangement of compound side by side engine General arrangement of compound side by side engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets) Arrangement of horizontal high pressure non-condensing engine Arrangement of high press. valve gear	[Not dated] 6.7.1916 10.	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne North of Ireland Paper Mill Ltd, Larne
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2623 2630 2678 2678 2679 2742 2777 2806 2811 2812	2619 2620 2633 2635 2644 2646 2648 2652 2688 2694 2699 2707 2715 2717 2720	[None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of as engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Bluit up cylinder for uniflow engines Proposed arrangement of uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine General arrangement of foropound beam engine Garrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed horizontal tandem steam extraction engine Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets) Arrangement of horizontal high pressure non-condensing engine Arrangement of compound tandem engine Intermediate cylinder	Not dated 6.7.1916	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne North of Ireland Paper Mill Ltd, Larne Messrs Wilde & Booth, Denton Messrs Easdaile & Co Ltd, London
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2623 2630 2678 2678 2679 2742 2777 2806 2811 2812 2865 2947	2619 2620 2633 2635 2644 2646 2648 2652 2688 2694 2699 2707 2715 2717 2720	[None] [N	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of as engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine General arrangement of compound beam engine General arrangement of compound beam engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets) Arrangement of horizontal high pressure non-condensing engine Arrangement of horizontal high pressure non-condensing engine Arrangement of figh press: valve gear General Arrangement of alteration to engine General arrangement of compound tandem engine Intermediate cylinder General arrangement of vertical engines Arrangement of triple expansion vertical engines	Not dated 6.7.1916	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne North of Ireland Paper Mill Ltd, Larne Messrs Wilde & Booth, Denton Messrs Easdaile & Co Ltd, London Messrs Crompton & Co, London Messrs The Green Lane Spinning Co Ltd, Middleton
2623 2630 2678 2678 2678 2679 2742 2777 2806 2811 2812 2865 2947	2619 2620 2633 2635 2644 2646 2648 2652 2688 2694 2699 2707 2715 2717 2720	[None] [N	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine General arrangement of compound side by side engine General arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets) Arrangement of horizontal high pressure non-condensing engine Arrangement of high press: valve gear General Arrangement of alteration to engine General arrangement of compound tandem engine Intermediate cylinder	Not dated 6.7.1916 10.7.1916 10.7.1916 10.7.1916 Not dated 1.9.1891 Not dated 12.11.1891 Not dated 12.11.1891 Not dated 12.11.1891 Not dated 19.3.1930 12.4.1930 12.4.1930 12.4.1931 19.6.1931 9.6.1931 9.6.1931 9.6.1931 Not dated Not da	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne North of Ireland Paper Mill Ltd, Larne Messrs Wilde & Booth, Denton Messrs Easdaile & Co Ltd, London Messrs Crompton & Co, London Messrs The Green Lane Spinning Co Ltd, Middleton Junction
2623 2630 2678 2678 2679 2742 2777 2806 2811 2812 2865 2947	2619 2620 2633 2635 2644 2646 2648 2694 2699 2707 2715 2717 2720	[None] [N	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed horizontal tandem steam extraction engine Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets) Arrangement of horizontal high pressure non-condensing engine Arrangement of high press: valve gear General Arrangement of etrical engines Arrangement of triple expansion vertical engines Arrangement of triple expansion vertical engines General Arrangement of triple expansion vertical engines	Not dated 6.7.1916	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne North of Ireland Paper Mill Ltd, Larne Messrs Wilde & Booth, Denton Messrs Easdaile & Co Ltd, London Messrs Crompton & Co, London Messrs The Green Lane Spinning Co Ltd, Middleton
2678 2678 2678 2679 2742 2777 2806 2811 2812 2865 2947 2956 3017 3017	2619 2620 2633 2635 2644 2646 2648 2699 2707 2715 2717 2720	[None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of compound beam engine Arrangement of compound beam engine General arrangement of compound beam engine Arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed tandem extraction engine and motors Arrangement of proposed engines, rope drive and motors Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets) Arrangement of horizontal high pressure non-condensing engine Arrangement of high press: valve gear General Arrangement of alteration to engine General Arrangement of vertical engines Arrangement of triple expansion vertical engines General Arrangement of triple expansion engines General Arrangement of triple expansion engines General Arrangement of triple expansion engines	Not dated 6.7.1916 10.7.1916 10.7.1916 10.7.1916 10.7.1916 Not dated 1.9.1891 Not dated 10.7.1891 Not dated Not da	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne North of Ireland Paper Mill Ltd, Larne Messrs Wilde & Booth, Denton Messrs Easdaile & Co Ltd, London Messrs Crompton & Co, London Messrs The Green Lane Spinning Co Ltd, Middleton Junction The Reddish Spinning Co Reddish. New Mill engines The Reddish Spinning Co Reddish. New Mill engines
2623 2630 2678 2678 2678 2679 2742 2777 2806 2811 2865 2947 2956 3017 3017 3021	2619 2620 2633 2635 2644 2646 2648 2699 2707 2715 2717 2720	[None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engines Proposed arrangement of uniflow engine and rope drive Arrangement of compound beam engine Arrangement of compound beam engine Ceneral arrangement of compound side by side engine General arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets) Arrangement of horizontal high pressure non-condensing engine Arrangement of alteration to engine General Arrangement of alteration to engine General arrangement of compound tandem engine Intermediate cylinder General Arrangement of triple expansion engines	Not dated 6.7.1916	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne North of Ireland Paper Mill Ltd, Larne Messrs Wilde & Booth, Denton Messrs Easdaile & Co Ltd, London Messrs Crompton & Co, London Messrs The Green Lane Spinning Co Ltd, Middleton Junction The Reddish Spinning Co Reddish. New Mill engines The Reddish Spinning Co Reddish. New Mill Engines
2678 2678 2678 2679 2742 2777 2806 2811 2812 2865 2947 2956 3017 3017	2619 2620 2633 2635 2644 2646 2648 2699 2707 2715 2717 2720	[None]	Engine General arrangement of high pressure cylinders Compound vertical engines General arrangement of 3 crank reversing engine Proposed arrangement of gas engines Proposed arrangement of engine for driving pilger mills and piercing mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Block plan of engines for driving piercer and pilger mills Built up cylinder for uniflow engines Proposed arrangement of uniflow engines Proposed arrangement of compound beam engine Arrangement of compound beam engine General arrangement of compound beam engine General arrangement of proposed tandem extraction engine and gearing Layout of haulage gear with safety gear as described in Colliery Guardian 14 Oct 1929 Arrangement of proposed engine, rope drive and motors Arrangement of proposed engines and high pressure pumps for gas oil Scheme 1 vertical direct coupled unit Layout of proposed gas oil pump units Scheme 1 - direct coupled vertical engines and pumps Layout of proposed gas oil pump units Scheme 2 - horizontal pumps geared to HS steam engines (10 sets) Arrangement of horizontal high pressure non-condensing engine Arrangement of horizontal high pressure non-condensing engine Arrangement of alteration to engine General arrangement of attration to engine General arrangement of vertical engines Arrangement of triple expansion engines General arrangement of triple expansion engines	Not dated 6.7.1916 10.7.1916 10.7.1916 10.7.1916 Not dated 1.9.1891 Not dated 10.7.1891 Not dated Not da	West End Spinning Co, Oldham The Boa Vista Spinning & Weaving Co Ltd, Oporto Messrs Watson & Todd, Birmingham Messrs Watson & Todd, Birmingham Messrs S & H Brookside Paper Company Ltd North of Ireland Paper Mill Ltd, Larne North of Ireland Paper Mill Ltd, Larne Messrs Wilde & Booth, Denton Messrs Easdaile & Co Ltd, London Messrs Crompton & Co, London Messrs The Green Lane Spinning Co Ltd, Middleton Junction The Reddish Spinning Co Reddish. New Mill engines The Reddish Spinning Co Reddish. New Mill engines
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2224	3	Details of each fee 7 too travelling evens fee engine haves	02.04.4002	
3224	3236 [None]	Details of crab for 7 ton travelling crane for engine house Proposed arrangement of winding engine	03.04.1893 [Not dated]	
	3238 [None]	Proposed arrangement of winding engine Proposed arrangement of winding engine	[Not dated]	
3343	240	General arrangement of compound vertical engines	[Not dated]	
00.10	3354 [None]	Proposed arrangement of pumping plant Plan No2 - with uniflow engines	[Not dated]	
	3355 [None]	Proposed arrangement of pumping plant Plan No1 - with triple expansion engines	[Not dated]	
3358	3	General arrangement of governor & knock off gear	[Not dated]	
	3364 [None]	Proposed arrangement of winding engines	[Not dated]	Bolsover Colliery, Chesterfield
	3383 [None]	Proposed arrangement of engines and boilers for new tin plate works	[Not dated]	7,
3393	[None]	General arrangement of vertical triple expansion engines	[Not dated]	Messrs The Whiteabbey Flax Spinning Co Ltd, Belfast
3393	[None]	General arrangement of vertical triple expansion engines	[Not dated]	Messrs The Whiteabbey Flax Spinning Co Ltd, Belfast
	3443 [None]	Proposed arrangement of gas engines	[Not dated]	,,,,
	3450 [None]	Proposed arrangement of uniflow condensing engine with rope drive to alternator	`6.12.1924	South Staffordshire WW Wood Green
				Southampton Corporation Waterworks, Otterbourne
	3470 [None]	General arrangement of proposed new pumping plant	[Not dated]	Pumping Station
	3483 [None]	Proposed arrangement of hydraulic pumping engine	16.3.1925	Great Western Railway, Port Talbot Docks
	3569 [None]	Proposed arrangement of horizontal tandem condensing steam extraction engine	15.1.1926	Mersey White Lead Co
	3570 [None]	Proposed arrangement of horizontal tandem condensing steam extraction engine	15.1.1926	Wansborough Paper Co
	3578 [None]	Section through throttle valve	[Not dated]	
	3581 [None]	Proposed arrangement of uniflow engine and boilers	[Not dated]	Brooksbank Ltd, Cannon Mills, Bradford
	3583 [None]	Uniflow jet condensing engine	3.2.1926	Avondale Tinplate Co Ltd, Newport
	3590 [None] 3591 [None]	Uniflow engine driving sheet mills Uniflow engines driving mills of no 1 block	18.2.1926	
	3592 [None]	Uniflow engines driving mills of no 1 block Uniflow engines driving mills of no 1 block	[Not dated] 26.2.1926	Messrs J Lysaughts (?), Newport
	3609 [None]	Uniflow jet condensing engine	[Not dated]	Horsley, Smith & Co, Hull
3634	[None]	Arrangement of compound vertical engine	21.04.1894	Messrs Lomax & Co, Manchester
3652	[None]	General arrangement of vertical engine	[Not dated]	Messrs The Smithfield Flax Spinning Co Ltd, Belfast
3652	[None]	General arrangement of vertical triple expansion engine	[Not dated]	Messrs The Smithfield Flax Spinning Co Ltd, Belfast
3678	[None]	General arrangement of alterations to engine	[Not dated]	Messrs W Wood & Son, Wigan
				Messrs The ??????choo Spinning & ?Handloom? Co Ltd,
3760	[None]	Arrangement of vertical triple expansion engines	27.06.1894	Ahmedabad
3760	[None]	Arrangement of vertical triple expansion engines	25.06.1894	Messrs The Hitechhoo
	3762 [None]	Inverted vertical triple expansion surface condensing engine	1.4.1927	Urquhart, Lindsay, Dundee
	3764 [None]	Proposed arrangement of pumping plant	[Not dated]	South Essex Waterworks Co, Romford
	2702 111- 3	Date of mindian analysis with a smallest decision	20 5 4007	National Boiler & General Insurance Co for the Weardale
2704	3793 [None]	Pair of winding engines with parallel drum	28.5.1927	Steel, Coal and Coke Co Ltd, Co Durham
3781	319	General arrangement of engine	21.07.1894	Now State Areas I t-
0000	3836 [None]	Pair of direct acting winding engines	24.10.1927	New State Areas Ltd
3836 3836	[None]	General arrangement of engines hellers etc	[Not dated]	Messrs J & N Philips & Co, Tean Messrs J & N Philips & Co, Tean
3838	[None] [None]	General arrangement of engines, boilers etc General arrangement of compound vertical engine	[Not dated] 03.09.1894	Messrs Abel Buckley & Co, A.u.L
3893	[None]	Arrangement of vertical triple expansion engine	[Not dated]	Messrs The Lime Mill Co Hollinwood
3893	[None]	Arrangement of vertical triple expansion engine	[Not dated]	Messrs The Lime Mill Co Ltd, Hollinwood
3893	[None]	Arrangement of vertical triple expansion engine	[Not dated]	Messrs The Lime Mill Co Ltd. Hollinwood
3929	[None]	Arrangement of Boiler Seatings, Flues & Economisers	06.06.1892	Messrs The Reddish Spinning CO Ltd, Reddish
3986	630	Arrangement of high pressure valve gears	[Not dated]	
	4007 [None]	Arrangement of proposed vertical drop valve pumping engine	[Not dated]	Wolverhampton Corporation, Dimmingsdale Waterworks
	4013 [None]	Proposed arrangement of pumping plant	[Not dated]	
4026	630	General arrangement of horizontal compound side-by-side engines	28.2.1895	
	4046 [None]	Re-compounding horizontal twin engine	[Not dated]	
	4000 711 1			WH Brady & Co, Manchester for The Ahmedabad New
	4066 [None]	Vertical compound condensing engine	16.3.1929	Standard Mills Co Ltd
4000	D. L	General arrangement of vertical compound engines	Delica de centra	Messrs The Boa Vista Spinning & Weaving Co Ltd, Oporto
4082 4082	[None] 70	General arrangement of vertical compound engines	[Not dated] 19.4.1893	Ороно
4101	210	Arrangement of engine and boiler house	16.5.1895	
4102	42	General arrangement of engines	[Not dated]	
4102	4183 [None]	New position for boiler feed pump & driving gear	23.1.1930	The Rubber Regenerating Co Ltd, Manchester
	4100 [None]	Tron position for boild rood pump a diffing goal	20.1.1000	City of Birmingham Water Dept, Aston Well Pumping
	4193 [None]	Proposed arrangement of pumping plant	[Not dated]	Station
	4223 [None]	Present horizontal four cylinder triple expansion engine	[Not dated]	JH Hawkins for Viyella Spinning Co, Portugal
	4224 [None]	New valve gear for pair of winding engines	[Not dated]	
	4226 [None]	Proposed additions to control gear of three crank rolling mill engine	26.6.1930	David Colville & Sons Ltd, Motherwell
4234	[None]	Arrangement of triple expansion engines	[Not dated]	Messrs The Ahmedabad Cotton Manuf Co, Ahmedabad
4234	[None]	Plan	[Not dated]	
4234	[None]	Front elevation	[Not dated]	
	4250 [None]	Conversion of horizontal tandem engine into four cylinder triple expansion	[Not dated]	WH Brady for Himalhai
4261	[None]	Foundations for horizontal engines	[Not dated]	Messrs J Summers & Sons, Stalybridge
4262	[None]	Arrangement of compound vertical engines	[Not dated]	Messrs Armitage & Rigby, Manchester
4262	290 4266 [None]	Arrangement of compound vertical engines Position of new engine house for uniflow engine	16.10.1895 [Not dated]	
4277	4266 [None] 526	General arrangement of side-by-side engines	[Not dated]	J Hetherington & Sons, Manchester
4277	[None]	General arrangement of side-by-side engines	[Not dated]	J Hetherington & Sons, Manchester
	4294 [None]	Engine, boilers & supermiser for tinplate mill drive	22.1.1931	The Pemberton Tinplate Co Ltd, Llanelly
	4334 [None]	Engine for controlling throttle drives	[Not dated]	
	4335 [None]	Engine for controlling reversing gear	[Not dated]	
	4342 [None]	Hydraulic pumping engine	[Not dated]	
4343	680	Foundations for vertical engine	[Not dated]	Messrs The Fabrica de Fiacao Tecidos do Jacinto, Porto
	4349 [None]	Section through HP cylinder of JE Wood's engine	7.9.1931	Arnold & Co Ltd, Manchester for Loyal Mills
	40E0 [N]	Vertical triple expansion numbing engine	7.0.4004	Crown Agents for Colonics Dumming station at Darlington
	4350 [None] 4352 [None]	Vertical triple expansion pumping engine Vertical triple expansion, Corliss, pumping engine	7.9.1931 [Not dated]	Crown Agents for Colonies, Pumping station at Barbados
	4376 [None]	Proposed new cylinders, bedframe &c	[Not dated]	
4004	0 [140[16]			
	670	Arrangement of triple expansion side by side tandem engine		
4381	670 4386 [None]	Arrangement of triple expansion side by side tandem engine Detail of oscillating chamber for deep well pumping engine	[Not dated] [Not dated]	
4381	670 4386 [None] 740	Arrangement of triple expansion side by side tandem engine Detail of oscillating chamber for deep well pumping engine Side elevation of platforms	[Not dated] [Not dated] 25.3.1896	
4461 4462	4386 [None] 740 740	Detail of oscillating chamber for deep well pumping engine	[Not dated]	
4461 4462 4463	4386 [None] 740	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns	[Not dated] 25.3.1896	
4461 4462 4463 4503	4386 [None] 740 740 740 740 [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Plan of boiler seatings, flues and economisers	[Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896	Messrs Holdsworth & Gibb Ltd, Swinton
4461 4462 4463 4503 4504	4386 [None] 740 740 740 740 [None] [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Plan of boiler seatings, flues and economisers Engine house window	[Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896 30.3.1896	Messrs Holdsworth & Gibb Ltd, Swinton
4461 4462 4463 4503 4504 4505	4386 [None] 740 740 740 [None] [None] [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Plan of boiler seatings, flues and economisers Engine house window Arrangement of boiler house doors	[Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896 30.3.1896 30.3.1896	Messrs Holdsworth & Gibb Ltd, Swinton Messrs Holdsworth & Gibb Ltd, Swinton
4461 4462 4463 4503 4504 4505 4506	4386 [None] 740 740 740 [None] [None] [None] [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Plan of boiler seatings, flues and economisers Engine house window Arrangement of boiler house doors Elevation of engine & boiler house (sectional elevation)	[Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896 30.3.1896	Messrs Holdsworth & Gibb Ltd, Swinton Messrs Holdsworth & Gibb Ltd, Swinton Messrs Holdsworth & Gibb Ltd, Swinton
4461 4462 4463 4503 4504 4505 4506 4507	4386 [None] 740 740 740 [None] [None] [None] [None] [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Plan of boiler seatings, flues and economisers Engine house window Arrangement of boiler house doors Elevation of engine & boiler house (sectional elevation) Elevation of engine & boiler house (front elevation)	[Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896	Messrs Holdsworth & Gibb Ltd, Swinton Messrs Holdsworth & Gibb Ltd, Swinton Messrs Holdsworth & Gibb Ltd, Swinton Messrs Holdsworth & Gibb Ltd, Swinton
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4461 4462 4463 4503 4504 4505 4506 4507 4508 4607 4607	4386 [None] 740 740 740 [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Plat of boiler seatings, flues and economisers Engine house window Arrangement of boiler house doors Elevation of engine & boiler house (sectional elevation) Elevation of engine & boiler house (front elevation) Plan of engine & boiler house Arrangement of vertical engine Plan General arrangement of vertical engine	Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 14.7.1896 15.7.1896	Messrs Holdsworth & Gibb Ltd, Swinton Messrs Holdsworth & Gibb Ltd, Swinton Messrs Holdsworth & Gibb Ltd, Swinton Messrs Holdsworth & Gibb Ltd, Swinton
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4461 4462 4463 4503 4504 4505 4506 4507 4508 4607 4657 4663 4663 4663 4722	4386 [None] 740 740 740 [None] [None] [None] [None] [None] [None] [None] [None] [Rone] 680 [None] [None] [None] [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Platform round columns Plan of boiler seatings, flues and economisers Engine house window Arrangement of boiler house doors Elevation of engine & boiler house (sectional elevation) Elevation of engine & boiler house (front elevation) Plan of engine & boiler house Arrangement of vertical engine Plan General arrangement of vertical engine Arrangement of vertical triple expansion engines Plan Front elevation Block plan of engine house etc	[Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 [Not dated] 17.9.1896 [T.9.1896 17.9.189 17.9.1896 17.9.1896 17.9.1896 17.9.1896 17.9.1896 17.9.1896 17.	Messrs Holdsworth & Gibb Ltd, Swinton Messrs The Bharatkhand Spg. & Wg. Co Ltd, Ahmedabad Messrs J Summers & Sons, Stalybridge
4461 4462 4463 4503 4504 4505 4506 4507 4607 4607 4667 4663 4663 4663 4722 4748	4386 [None] 740 740 740 [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Platform round columns Plan of boiler seatings, flues and economisers Engine house window Arrangement of boiler house doors Elevation of engine & boiler house (sectional elevation) Elevation of engine & boiler house (front elevation) Plan of engine & boiler house Arrangement of vertical engine Plan General arrangement of vertical engine Arrangement of vertical triple expansion engines Plan Front elevation Block plan of engine house etc Arrangement of compound tandem engine	Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 [Not dated] 17.9.1896 17.9.1896 17.9.1896 17.9.1896 [Not dated]	Messrs Holdsworth & Gibb Ltd, Swinton Messrs The Bharatkhand Spg. & Wg. Co Ltd, Ahmedabad Messrs J Summers & Sons, Stalybridge Messrs J Hetherington & Sons Ltd, Manchester
4461 4462 4463 4504 4505 4506 4507 4508 4607 4667 4663 4663 4722 4748	4386 [None] 740 740 740 [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Plan of boiler seatings, flues and economisers Engine house window Arrangement of boiler house doors Elevation of engine & boiler house (sectional elevation) Elevation of engine & boiler house (front elevation) Plan of engine & boiler house Arrangement of vertical engine Plan General arrangement of vertical engine Arrangement of vertical triple expansion engines Plan Front elevation Block plan of engine house etc Arrangement of compound tandem engine Plan of vertical triple expansion engines	[Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 14.7.1896 [Not dated] 17.9.1896 17.9.1896 17.9.1896 [Not dated] [Not dated] [Not dated] [Not dated] [Not dated] [Not dated]	Messrs Holdsworth & Gibb Ltd, Swinton Messrs The Bharatkhand Spg. & Wg. Co Ltd, Ahmedabad Messrs J Summers & Sons, Stalybridge Messrs J Hetherington & Sons Ltd, Manchester Messrs Holdsworth & Gibb Ltd, Swinton
4461 4462 4463 4503 4504 4505 4506 4507 4508 4607 4607 4663 4663 4663 4722 4748 4760	4386 [None] 740 740 740 [None]	Detail of oscillating chamber for deep well pumping engine Side elevation of platforms Front elevation of platforms Platform round columns Platform round columns Plan of boiler seatings, flues and economisers Engine house window Arrangement of boiler house doors Elevation of engine & boiler house (sectional elevation) Elevation of engine & boiler house (front elevation) Plan of engine & boiler house Arrangement of vertical engine Plan General arrangement of vertical engine Arrangement of vertical triple expansion engines Plan Front elevation Block plan of engine house etc Arrangement of compound tandem engine Plan of vertical triple expansion engines Side elevation of vertical triple expansion engines	Not dated] 25.3.1896 25.3.1896 25.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 30.3.1896 [Not dated] 17.9.1896 17.9.1896 17.9.1896 [Not dated] [Not dated] [Not dated] [Not dated] [Not dated]	Messrs Holdsworth & Gibb Ltd, Swinton Messrs The Bharatkhand Spg. & Wg. Co Ltd, Ahmedabad Messrs J Summers & Sons, Stalybridge Messrs J Hetherington & Sons Ltd, Manchester Messrs Holdsworth & Gibb Ltd, Swinton

4869	4.40	Continued alexanting of empire 9 hailan havene	20.4.4007	Massas The Carel Mill Co Ltd. India
4928	140 [None]	Sectional elevation of engine & boiler houses Arrangement of vertical triple expansion engines	20.4.1897 [Not dated]	Messrs The Coral Mill Co Ltd, India Messrs The Sasangpore Spg Co Ltd, Ahmedabad
4928	[None]	Front elevation of vertical triple expansion engines	[Not dated]	The Ahmedabad Saranapore Mills Co Ltd, India
5005	[None]	Ground plan of Old Mill & New Mill	[Not dated]	Messrs The Coral Mill Co Ltd, Tuticorin
5005	[None]	First floor of Old Mill & New Mill	[Not dated]	Messrs The Coral Mill Co Ltd, Tuticorin
5005	194	Wall boxes and beams in rope race for B & C lines	[Not dated]	
5006	194	Wall boxes and beams in rope race for D & E lines	3.7.1897	
5007	[None]	Arrangement of compound tandem engine	[Not dated]	Messrs J Summers & Sons, Stalybridge
5018	[None]	Side elevation of vertical compound engines	25.9.1897	Messrs William Brown & Nephews, Wigan
5023	[None]	General arrangement of alterations to engines	18.10.1897	Messrs The Broadway Spinning Co Ltd
5050	[None]	Detail of house for new blast engine	18.45.1898	
5059 (5452)	[None]	Arrangement of 4" governor, Whitehead's patent	[Not dated]	Manage The Day Viete Crimina & Westing Co. Oneste
5075 5075	[None] [None]	General arrangement of vertical engine General arrangement of vertical engine	[Not dated] [Not dated]	Messrs The Boa Vista Spinning & Weaving Co, Oporto Messrs The Boa Vista Spinning & Weaving Co, Oporto
5075	[None]	Plan	[Not dated]	iviessis The Boa vista Spirifing & Weaving Co, Oporto
5081	[None]	Ground floor plan	7.12.1897	Messrs The Record Mill Co, Ashton in Makerfield
5082	[None]	Plan of first floor	7.1.2.1897	Messrs The Record Mill Co, Ashton in Makerfield
5083	[None]	Plan of second floor	[Not dated]	Messrs The Record Mill Co, Ashton in Makerfield
5083	[None]	Plan of second floor	17.3.1899	Messrs The Record Mill Co, Ashton in Makerfield
5083	[None]	Arrangement of gearing for dynamo driving	23.12.1898	Messrs The Record Mill Co, Ashton in Makerfield
5135	[None]	Elevation of pumps and gear	7.4.1898	Messrs The Coral Mills Co, India
5135	140	Front elevation of vertical triple expansion engines	[Not dated]	Messrs The Coral Mills Co, India
5135	[None]	End elevation of vertical triple expansion engines	7.4.1898	Messrs The Coral Mills Co, India
5179	160	Position of stop valve for No 2 engine	[Not dated]	
5187	141-12	1000 ton hydraulic press	21.10.1912	none
5219	[None]	Plan of boiler seatings, flues and economisers	23.5.1898	Messrs The National Cotton Spinning Co, Bulgaria
5227	[None]	New engine house	[Not dated]	Messrs R H Buckley & Sons, Mossley
5283	[None]	End elevation of vertical triple expansion engines	[Not dated]	Messrs The National Cotton Spinning Co, Bulgaria
5283 5284	[None] [None]	Front elevation of vertical triple expansion engines Arrangement of blowing engine	[Not dated] [Not dated]	Messrs The National Cotton Spinning Co, Bulgaria Messrs The Holwell Iron Co Ltd, Asfordby
5284	[None]	Arrangement of blowing engine Arrangement of blowing engine	[Not dated]	Messrs The Holwell Iron Co Ltd, Astordby
5364	[None]	Arrangement of compound tandem engine	[Not dated]	Messr Thomas Bolton & Sons, Oakamoor
5408	[None]	Arrangement of deepwell hump drive	6.5.1909	Croydon WW Wadon Well
5448	[None]	General arrangement of horizontal compound condensing side by side engines	[Not dated]	Messrs The Lamb Mill Co, Higginshaw
01.0	[.10.10]	Contract arrangement of nonzental compound condensing state by state originate	[riot datod]	The Hon Rao Bahadur Runchorlall Chotalall C.I.E.,
5457	[None]	Front elevation of vertical triple expansion engines	1.3.1899	Ahmedabad
5592	390	Arrangement of horizontal tandem compound non-condensing engine	[Not dated]	
				Messrs The Grimshaw Lane Spinning Co, Middleton
5610	[None]	General arrangement of new boiler and engine house	24.7.1899	Junction
				Messrs The Cia Mechanica Importadara de Sao Paulo,
5626 (A)	[None]	Arrangement of horizontal tandem compound non-condensing engine	2.8.1899	Brazil
5631	108	General arrangement of engine	21.8.1899	Messrs J Ashworth & Co Ltd, Bolton
5640	[None]	General arrangement of vertical compound engines	17.6.1915	Fabrica de Fiacao e Tecidos do Jacinto, Oporto
5702	594	Steel bevel wheels	25.11.1899	
5759B	[None]	Arrangement of compound tandem condensing engines	25.10.1900	Messrs J Summers & Sons, Hawarden Bridge
5809	[None]	Surface condenser 480	10.11.1908	Croydon WW Wadon Well
5810	[None]	Condenser tube plates and tube gland plates	2.12.1908	Croydon WW Waddon Well
5811	[None]	Detail of bell crank driving well pumps	10.11.1908	Croydon WW Wadon Well no customer info says Frodingham iron & Steel Co lts,
E0/11	[None]	General Arrangement of gas-blowing engine	10.4.1019	Scunthorpe, Lincs
5841 5917	[None] [None]	General arrangement of year-blowing engine General arrangement of vertical triple expansion engine	19.4.1918 [Not dated]	Messrs Felber Jucker & Co, Manchester
5922	[None]	Arrangement of wheels and shafting for No 1 spinning room	[Not dated]	Messrs Reddish Spinning Co Ltd
5923	[None]	Arrangement of wheels and shafting for No 2 spinning room	[Not dated]	Messrs Reddish Spinning Co Ltd
5924	268	Arrangement of upright shaft	[Not dated]	Messrs Grimshaw Lane Spinning Co
5961	546	General arrangement of horizontal compound pumping engine, plan	[Not dated]	Wessia Chinishaw Earle Ophining Co
5961	546	General arrangement of horizontal compound pumping engine, elevation	[Not dated]	
6094	450	20'0" rope pulley	[Not dated]	
6117	[None]	Plan of inverted triple expansion engine	8.1.1901	Messrs R Baxendell & Son, Manchester
6117	[None]	Elevation of inverted triple expansion engine	8.1.1901	Messrs R Baxendell & Son, Manchester
6117	[None]	Front elevation of inverted triple expansion engine	11.1.1901	Messrs R Baxendell & Son, Manchester
6123	[None]	Arrangement of compound tandem condensing engine	[Not dated]	Messrs Felber Jucker & Co, Manchester
6164	[None]	Fly spur wheel (of 50)	7.2.1901	
6186	[None]	Rope pulley for driving dynamo of 193	27.2.1901	
6190	[None]	Fly spur wheel	1.3.1901	
6208	232	General arrangement of inverted vertical compound non-condensing engine	[Not dated]	
		Bevel wheels and fixings (of 382)		
6210	[None]	Bever wheels and fixings (or 562)	21.5.1901	Manage Costsides 9 Co. Ltd. Wellington Mills. Ashton
				Messrs Gartsides & Co Ltd, Wellington Mills, Ashton -
6210 6235	[None]	Front elevation of triple expansion engines	[Not dated]	under-Lyne
6235 6236	[None]	Front elevation of triple expansion engines End elevation of inverted triple expansion engines	[Not dated] 23.7.1901	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton -
6235	[None]	Front elevation of triple expansion engines	[Not dated]	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne
6235 6236 6237	[None] [None] 590	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines	[Not dated] 23.7.1901 24.7.1901	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs The East Ferry Road Engineering Works Co Ltd,
6235 6236 6237 6249	[None] [None] 590 [None]	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines Position of steam and water branches	[Not dated] 23.7.1901 24.7.1901 [Not dated]	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne
6235 6236 6237 6249 6254	[None] [None] 590 [None] 384	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines Position of steam and water branches 16" diameter x 10" stroke Edwards patent air pump	[Not dated] 23.7.1901 24.7.1901 [Not dated] [Not dated]	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs The East Ferry Road Engineering Works Co Ltd,
6235 6236 6237 6249	[None] [None] 590 [None]	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines Position of steam and water branches	[Not dated] 23.7.1901 24.7.1901 [Not dated]	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs The East Ferry Road Engineering Works Co Ltd,
6235 6236 6237 6249 6254 6264	[None] [None] 590 [None] 384 [None]	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines Position of steam and water branches 16" diameter x 10" stroke Edwards patent air pump Wheel fixing (of 596)	[Not dated] 23.7.1901 24.7.1901 [Not dated] [Not dated] 10.6.1901	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs The East Ferry Road Engineering Works Co Ltd, Millwall
6235 6236 6237 6249 6254 6264 6271	[None] 590 [None] 384 [None] 450	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines Position of steam and water branches 16° diameter x 10° stroke Edwards patent air pump Wheel fixing (of 596) End elevation of inverted vertical triple expansion engines Front elevation of inverted vertical triple expansion engines Fly spur wheel (of 736)	[Not dated] 23.7.1901 24.7.1901 [Not dated] [Not dated] 10.6.1901 2.8.1901	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs The East Ferry Road Engineering Works Co Ltd, Millwall Messrs The Queen Mill Co Ltd, Dukinfield
6235 6236 6237 6249 6254 6264 6271 6271 6337	[None] [None] 590 [None] 384 [None] 450 [None] [None] [None]	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines Position of steam and water branches 16" diameter x 10" stroke Edwards patent air pump Wheel fixing (of 596) End elevation of inverted vertical triple expansion engines Front elevation of inverted vertical triple expansion engines Fly spur wheel (of 736) Plan showing size and position of engine house	[Not dated] 23.7.1901 24.7.1901 [Not dated] [Not dated] 10.6.1901 2.8.1901 8.8.1901 3.9.1901 2.10.1901	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs The East Ferry Road Engineering Works Co Ltd, Millwall Messrs The Queen Mill Co Ltd, Dukinfield Messrs The Queen Mill Co Ltd, Dukinfield Messrs The Sun Mill Co Ltd, Dukinfield
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6235 6236 6237 6249 6254 6264 6271 6271 6337 6337 6337 6413	[None] [None] 590 [None] 384 [None] 450 [None] [None] [None] [None] [None] [None] [None]	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines Position of steam and water branches 16" diameter x 10" stroke Edwards patent air pump Wheel fixing (of 596) End elevation of inverted vertical triple expansion engines Front elevation of inverted vertical triple expansion engines Fly spur wheel (of 736) Plan showing size and position of engine house Elevation showing position of engine house crane corbels etc Plan showing position of engine house etc General arrangement of engines	[Not dated] 23.7.1901 24.7.1901 [Not dated] [Not dated] 10.6.1901 2.8.1901 3.9.1901 2.10.1901 9.1.1902 9.1.1902 [Not dated]	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs The East Ferry Road Engineering Works Co Ltd, Millwall Messrs The Queen Mill Co Ltd, Dukinfield Messrs The Queen Mill Co Ltd, Dukinfield Messrs The Sun Mill Co Ltd, Dldham Messrs The Sun Mill Co Ltd, Oldham Messrs The Sun Mill Co Ltd, Oldham Messrs Heywood Spinning Co
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6235 6236 6237 6249 6254 6264 6271 6321 6337 6337 6413 6414	[None] [None] 590 [None] 384 [None] 450 [None] [None] [None] [None] [None] [None] [None] [None]	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines Position of steam and water branches 16° diameter x 10° stroke Edwards patent air pump Wheel fixing (of 596) End elevation of inverted vertical triple expansion engines Front elevation of inverted vertical triple expansion engines Fly spur wheel (of 736) Plan showing size and position of engine house Elevation showing position of engine house crane corbels etc Plan showing position of engine house etc General arrangement of engines General arrangement of engines Front elevation of vertical compound surface condensing engine	[Not dated] 23.7.1901 24.7.1901 [Not dated] [Not dated] 10.6.1901 2.8.1901 8.8.1901 3.9.1901 2.10.1901 9.1.1902 9.1.1902 [Not dated] [Not dated]	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs The East Ferry Road Engineering Works Co Ltd, Millwall Messrs The Queen Mill Co Ltd, Dukinfield Messrs The Queen Mill Co Ltd, Dukinfield Messrs The Sun Mill Co Ltd, Dldham Messrs The Sun Mill Co Ltd, Oldham Messrs The Sun Mill Co Ltd, Oldham Messrs The Sun Mill Co Ltd, Oldham Messrs Heywood Spinning Co Messrs Heywood Spinning Co Messrs The East Ferry Road Engineering Works Co Ltd, London Messrs The East Ferry Road Engineering Works Co Ltd,
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6235 6236 6237 6249 6254 6264 6271 6321 6337 6337 6337 6413 6414 6455 6455 6570 6581 6581 6589 6615 6645	[None] [None] 590 [None] 384 [None] 450 [None]	Front elevation of triple expansion engines End elevation of inverted triple expansion engines Plan of inverted triple expansion engines Position of steam and water branches 16° diameter x 10° stroke Edwards patent air pump Wheel fixing (of 596) End elevation of inverted vertical triple expansion engines Front elevation of inverted vertical triple expansion engines Front elevation of inverted vertical triple expansion engines Fly spur wheel (of 736) Plan showing size and position of engine house Elevation showing position of engine house crane corbels etc Plan showing position of engine house etc General arrangement of engines General arrangement of engines Front elevation of vertical compound surface condensing engine End elevation of vertical compound engine Rope pulleys and pedestals End elevation of vertical triple expansion engines Front elevation of vertical triple expansion engines 18° diameter x 30° stroke HP cylinder General arrangement of horizontal compound tandem condensing engines Lubricated angled pedestal	[Not dated] 23.7.1901 24.7.1901 [Not dated] [Not dated] 10.6.1901 2.8.1901 3.9.1901 2.10.1901 9.1.1902 9.1.1902 [Not dated] 2.2.1902 4.4.1902 22.3.1902	under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs Gartside & Co Ltd, Wellington Mills, Ashton - under-Lyne Messrs The East Ferry Road Engineering Works Co Ltd, Millwall Messrs The Queen Mill Co Ltd, Dukinfield Messrs The Queen Mill Co Ltd, Dukinfield Messrs The Sun Mill Co Ltd, Oldham Messrs Heywood Spinning Co Messrs Heywood Spinning Co Messrs The East Ferry Road Engineering Works Co Ltd, London Messrs The East Ferry Road Engineering Works Co Ltd, Millwall Messrs Crossley Bros Ltd Messrs The River Etherow Bleaching Co Ltd, Hollingworth Messrs The River Etherow Bleaching Co Ltd, Hollingworth
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6861 6926	124 290	Arrangement of main rope driving Arrangement of compound tandem condensing engine	14.12.1902 [Not dated]	Messrs the Sun Mill Co. Ltd., Oldham Messrs C. Andrew & Sons, Compstall
6929	360	Arrangement of compound tandem condensing engine Arrangement of horizontal compound tandem engine	15.10.1903	none
6989	[None]	General arrangement of alterations to engine for Indore State Cotton Mills	[Not dated]	Indore, India
7008	[None]	Arrangement of beams pulleys tec in rope race	[Not dated]	none
7083	8 spur wheel	Spur wheel	[Not dated]	none
		-1		none (drawing also includes order no 1050 crankshaft
7119	1046	Cranks & crankshaft	[Not dated]	extension
7229	204	Arrangement of horizontal compound tandem engine	[Not dated]	none
7261	[None]	General arrangement of horizontal compound tandem condensing engine	[Not dated]	Messrs the British Aluminium Co Ltd, london
7263	432	Detail of foundation for spur wheel fixing	[Not dated]	West Mill
7293	890	General arrangement of jet condensing plant	[Not dated]	none
7297	432	Details of special wall box for upright shaft	[Not dated]	East Mill
7298	432	Details of wall box for West Mill	[Not dated]	none
7346	4	18' 0" rope pulley 18 1 5/8" ropes	[Not dated]	none
7348	[None]	Arrangement of new engine house	[Not dated]	Messrs T&W Hamer, Union Mill, Audenshaw
7430	278	Plan showing (sic) position of wall boxes and foundations for upright shaft etc.	16.5.1905	none
7472	364	Staging round columns	[Not dated]	none
7474	364	Plan of staging round cylinders	[Not dated]	none
7484	[None]	Detail of wall box and bridge tree in No 1 turning[?] room	[Not dated]	Messrs Thos Mason and Son Ashton under Lyne
7499	597	Engine bin	[Not dated]	none
7508	342	Wall box for bottom upright (Mason's End)	27.7.1905	none
7509	342	Wall box for bottom upright	28.7.1905	T. Mason, Oxford
7704	[None]	Plan of shafting and c for driving spinning and weaving mill	16.11.1905	Shorrock Spinning and manufacturing Co Ltd
7708	1064	Fly spur segt. wheel and pinion	[Not dated]	none
7868	[None]	Plan showing position of engine in engine house	12.6.1906	Adrew Greenhalgh Ltd, Radcliff
7872	480	Fly rope pulley	20.6.1906	none
7954	874	Plan of foundations and gearing	24.10.1906	R Hall and Sons
8025	[None]	General arrangement of inverted vertical triple expanded engines	[Not dated]	Messrs AButterworth and Son, Hollinwood
8025	[None]	General arrangement of inverted vertical triple expanded engines	21.2.1907	Messrs AButterworth and Son, Hollinwood
				messrs the Bradford Dyers Association, Bradford,
8030	[None]	General arrangement of vertical engines	13.12.1906	Manchester Bokk cloth branch
8052	245	Arrangement of pipes in boiler house	31.1.1907	Messrs A Butterworth and Sopn, Hollinwood
8170	194	Plan of rope driving Etc.	30.5.1907	The Maharaja Spinning and Weaving Co.
8174	[None]	Arrangement of alterations	[Not dated]	The North Moor Spinning Co., Oldham
8178	394	Plan of rope drawing etc.	19.6.1907	none
8237	620	Plan of gearing	23.7.1907	the Doris Spinning Co Ltd
8240	102	Plan of beams and shafting in no 2 spinning room	3.8.1907	Mc Connel & Co lumb Mill, Droylsden
8240	[None]	Plan of beams and shafting in no 2 spinning room	[Not dated]	McConnel & Co, Lumb Mill, Droylsden
8241	[None]	Plan of driving in small shed	7.8.1907	the Doris Spinning Co., Oldham
8244	394	Sketch showing position of framework round rope race	10.9.1907	Messers G Koch & Co Ltd
8321	[None]	Standard drawing of 5 1/2" x 16 1/2" self lubricating angle pedestal	20.12.1907	none
8323	[None]	standard drawing 3 1/2" x 10 1/2" self lubricating angle pedestal	7.1.1908	none
8325	[None]	4 1/4" x 8 1/2" self lubricating side pedestal	25.3.1908	none
8331	779	Plan of rope driving etc	17.12.1907	The Gibralter Mill Co
8334	[None]	Plan of gearing for first floor	28.12.1907	CWS Sun Mills Trafford Park
8335	[None]	Plan of gearing for second and third floors	31.12.1907	CWS Sun Mills, Trafford Park
8336	[None]	Plan of gearing for fifth and top floors	4.1.1908	CWS Sun Mill, Trafford Park
8362	10	Plan of driving mule rooms from counter S	17.2.1908	Messrs Kenworthy and Sons
8472	[None]	Foundation for vertical engines	[Not dated]	J. Greaves Ltd, Derker Mill, oldham
8510	546	Plan of landings in rope race	6.7.1908	Rome Mill Co.
				The Upper Forest and Wocester Steel and tin plate Ltd,
8543	[None]	Arrangement of horizontal side by side condensing rolling mill engines	29.6.1922	Morriston
8547	540	Arrangement of barring engine and gear	10.9.1908	none
8615	60	Flysteel spur segment wheel, steel spur pinion	28.1.1909	none
8616	60	40" diameter x 4'6" stroke LP cylinder	29.1.1909	none
8636	706	Boring engine	9.9.1909	none
				Gartside and Co (Of manchester) Ltd Albion Mill,
8712	[None]	General arrangement of Horizontal compound tandem condensing engine	9.7.1909	Hollinworth
8768	[None]	General arrangement of horizontal compound tandem condensing engine	1.8.1909	Thomas Bolton and Sons Ltd Oakamoor
8770	994	Details of bedplate etc for 500hp motor	29.11.1909	none
8773	862	plan showing extensions to spinning mill	10.10.1909	The Shorrock Spinning and manufacturing Co Ltd
8774	820	Plan showing extension to weaving shed	3.10.1909	The Shorrock Spinning and manufacturing Co Ltd
8901	[None]	Arrangement of horizontal compound tandem rolling mill engine	23.6.1910	J Summers and Son ltd, Hawarden Bridge, Chester
8911	[None]	Messrs Scott and Hodson Guide Bridge new offices etc	April 1909	AJ Howcroft, Architect, Waterloo, Street, , Oldham
8951	[None]	Plan of engine house and rope race	14.3.1910	messers J Kershaw and Co ltd
8973	105	Arrangement of horizontal high pressure non condensing engines	[Not dated]	none
8976	[None]	General arrangement of horizontal compound tandem condensing engine	[Not dated]	none
8976	[None]	General arrangement of horizontal compound tandem condensing engine	12.5.1910	none
9002	[None]	Arrangement of horizontal compound side by side condensing engine	15.7.1910	The Rome Mill Co Ltd, Springhead Lees, near Oldham
9005	[None]	Plan of shop	21.07.1916	
9050	[None]	Arrangement of alterations to engine	8.12.1910	Messrs Jones Sewing Machine Co Ltd, Guide Bridge
9060	940	Details of gear box etc	23.11.1910	
9110	[None]	General arrangement of engines	27.9.1911	Messrs T Holdsworth & Co, Reddish
				Messrs John Ashworth 1902 Ltd, New Town Mills,
9118	[None]	Plan showing lifting beams etc for motor & also foundation etc for generator	28.2.1911	Pendlebury
9119	74	Plan showing rope driving etc	9.2.1911	Messrs T Holdsworth & Co, Reddish
9168	[None]	Arrangement of hydraulic pumps	21.6.1911	Messrs John Summers & Sons, Shotton
9231	1146	Frame & gearing for rolling mill drive	26.10.1911	Marrie The Entern 177 Bit 10 111 5
000=	p	Occasion and the state of the s	00.10.15.:	Messrs The Fairwood Tin Plate Co Ltd, Gowerton, South
9287	[None]	General arrangement of engine and rollshafts showing positions of pipe branches	30.12.1911	Wales
9308	125	Plan showing driving of ring frames in cellar	28.2.1912	Messrs The Duke Spinning Co Ltd, Shaw Messrs G Cheetham & Sons, Stalybridge
9401	170	Details of gearing etc in No 1 room	11.6.1912	
9403	170	Details of gearing etc in No 4 room, D lineshaft	14.6.1912	Messrs G Cheetham & Sons, Stalybridge
9417	[None]	Details of gearing etc in No 1 room, A lineshaft	25.6.1912 1.7.1912	Messrs G Cheetham & Sons, Stalybridge
9418	170	Plan showing driving of scutching room shafts, F & G lines		Messrs G Cheetham & Sons, Stalybridge
9419	170	Plan showing arrangement of new engine and rope driving	5.8.1912	Messrs G Cheetham & Sons, Stalybridge
9419	170	Plan showing arrangement of new engine and rope driving	31.7.1912	Messrs G Cheetham & Sons, Stalybridge
9438	[None]	Plan showing gearing alterations in weaving shed	22.7.1912	Messrs Ashton Bros, Hyde
9449	897	Alterations to second motion shaft	21.10.1912	Messrs The South End Spinning Co Ltd Messley
9450	984	Plan of gearing in ring spinning room	24.10.1912	Messrs The South End Spinning Co Ltd, Mossley
9499	1124	Bevel wheels etc	[Not dated]	Magaza B Babinaga 9 Ca dantan
9578	[None]	Plan of engine house	29.3.1913	Messrs P Robinson & Co, denton
9615	[None]	Plan of driving humidifier pumps	19.6.1913	Messrs Shaw Jardine & Co
9690	[None]	Arrangement of sheet mill drive	10.11.1913	Messrs The Ebbw Vale Steel & Iron Co Ltd, Ebbw Vale
9714	[None]	Foundations for horizontal compound tandem engine	2.8.1913	Messrs J Hardman & Sons, Bangor Mill, Waterhead
9723	1430	Fly spur segment wheel and pinion	31.12.1913	Manage I Flatches & Comm. Ashira
9725	1241	Plan of shafting for driving new mules in No 4 room	19.12.1913	Messrs J Fletcher & Sons, Ashton
9725	1298	Plan of shafting for driving ring spinning frames	11.12.1913	Messrs T & J Leigh Ltd, Stockport
0707		Amount of storm when	45 10 10 1	Marrie The Indian Co. 10 to 1 To 11 to 1
9727	[None]	Arrangement of steam pipes	15.10.1913	Messrs The Jackson Street Spinning Co Ltd, Manchester
0050	[Nama]	Constal arrangement of inverted vertical assessment of the state of th	24 5 4044	The Anglo-Russian Cotton Factories Ltd, Petroffsky Mill,
9852	[None]	General arrangement of inverted vertical compound condensing engine	21.5.1914	Russia
0050	[Nama]	Constal arrangement of inverted vertical assessment of the state of th	6.7.4044	The Anglo-Russian Cotton Factories Ltd, Petroffsky Mill,
9852	[None]	General arrangement of inverted vertical compound condensing engine	6.7.1914	Russia
0012	15	Arrangement of shafting etc for driving doubling room	0.2.4044	Messrs J & G Walthew Ltd, Springmount Mill, Stockport
9913	45 [None]	Arrangement of shafting etc for driving doubling room	9.3.1914	
9915	[None]	Plan showing gearing for extension to scutching room Plan of motor shafting etc for card room	21.3.1914	T & J Leigh Ltd, Stockport Messrs J & G Walthew Ltd, Brinksway Mill, Stockport
9918	90	rian or motor sharing etc for card footh	4.5.1914	wessis J & G waithew Ltd, billiksway Mill, Stockport

9919				
	90 [None]	Plan of motor shafting etc for No 3 room Wire rope slings	30.6.1913	Messrs J & G Walthew Ltd, Brinksway Mill, Stockport Anglo-Russian Cotton Factories Ltd
9923 9939	183	Arrangement of main steam range	6.4.1914	Messrs Kershaw Leese & Co Ltd, India Mill, Stockport
9945	[None]	General arrangement of turbine and rope driving	12.6.1914	Messrs Kershaw Leese & Co Ltd, India Mill, Stockport
9948	140	Arrangement of new turbine and rope driving	23.9.1914	Messrs Kershaw Leese & Co Ltd, India Mill, Stockport
00.10		, in any official of now talbino and ropo arring	20.0.1011	Messrs The Shelton Iron Steel & Coal Co Ltd, Stoke-on-
9985	[None]	Arrangement of horizontal compound tandem rolling mill engine	7.9.19145	Trent
10024	435	Arrangement of gearing etc C, D & E lines	16.7.1920	Glebe Mills (Hollinwood) Ltd, Hollinwood
10026	435	Arrangement of gearing A & B lines	27.10.1920	Glebe Mills (Hollinwood) Ltd, Hollinwood
10029	[None]	(MAKER'S PLATE DESIGN)		
				Messrs E Heaton & Son, Manchester (boiler makers,
10055	[None]	Plan of horizontal cross compound engine pipes etc	27.8.1914	Ancoats)
10103	908	General arrangement of 28" x 30" three cylinder pumping engine	29.12.1914	Manage Siamana Desthara Durama Washa Ltd. Landan
10147 10183a	1050 218	Arrangement of fly wheel, bed plate etc for converter set Forged steel crank shaft	21.4.1915 10.3.1915	Messrs Siemens Brothers Dynamo Works Ltd, London
10211	791	Details of injection and overflow pipes	11.5.1915	
10211	580	Arrangement of 12.75 and 25.5 times 9'0" hydraulic intensifier	11.5.1915	
10277	674	Plan showing alterations for gearing	23.8.1915	
10492	280	16" stop valve	30.6.1916	
10521	470	General arrangement of 54" steam driven hot saw	[Not dated]	
10537	460	Details of pedestals and stands	10.5.1916	
10540	460	Arrangement of rope driving	17.5.1916	
10638	[None]	Plan of new engine & rope driving	15.2.1917	Messrs Tanner Bros Ltd, Greenfield
10701	[None]	Details of barring gear	25.4.1917	Messrs Tubes Ltd, Birmingham
10733	199	New brine coolers	28.2.1917	
10738	590	Details of fly and spur segment wheel and pinion	22.10.1917	
10756	162	Arrangement of horizontal compound tandem engine	12.3.1918	Messrs T & J Leigh Ltd. Beehive Mill
10775	[None]	General arrangement of 42" diameter swing hot saw	11.5.1917	
10786	274, 782	Arrangement of 32" cogging mill		
10813	348	28'0" diameter fly wheel	21.5.1917	
10844	482	Plan of rope drive	24.8.1917	Messrs Taylor & Farley
10845	482	Rope pulley 18'6" diameter, 20'1.5" ropes	13.6.1917	
10870	671	Details of rope pulley, 16'0" diameter, 10'1.5" ropes	245.11.1917	
10938	532	Outline of horizontal twin engine	12.9.1918	
11070	640	Arrangement of engine showing staging etc for layout of rope drive and steam supply	26.10.1918	
11077	700 670	Arrangement of oil pumps, coolers etc (with attachment) Horizontal cross compound engine, arrangement of HP cylinder and gear	2.12.1920 8.1.1919	Messrs W Brown & Nephews, Worsley Mesnes, Wigan
11090	82	Arrangement of fly wheel sets for electric winder		Messrs Siemens Brothers Ltd, London
11156b 11185	62 [None]	Nameplate	12.11.1919 10.11.1920	Messrs Siemens Bros, London
11186	[None]	Arrangement of improved trip gear, S&H patent	11.11.1920	Wessis Siemens Blos, London
11186	[None]	Arrangement of improved trip gear, S&H patent	11.11.1920	
11186a	[None]	Arrangement of improved trip gear, our patent Arrangement of improved trip gear with hand regulating gear, S&H patent	[Not dated]	
11196	82	Combined flexible coupling and friction clutch	20.5.1919	
11207	546	Details of steel rims for segment wheel and pinion	[Not dated]	
11208	546	20'0" fly spur wheel	[Not dated]	
11211	456	Arrangement of drive for cold rolls	15.8.1915	Blackplate Mill
11272	[None]	Plan of shafting etc for driving machinery in mill	8.1.1908	Messrs The Whitelands Twist Co Ltd
11299	[None]	Nameplate	(1921)	(The English Electric Co Ltd)
11358	452	Horizontal cross compound engine, arrangement of HP cylinder and gear	5.1.1919	
11388	314	General arrangement of 72" swing hot saw	1.9.1919	
11392	492	General arrangement of 60" swing hot saw	[Not dated]	
11441	850	Outline of 5001 horsepower vertical engine	21.4.1920	
11442	[None]	General arrangement of geared drive	12.1.1920	Messrs Taylor & Farley Ltd
				Messrs The Anglo-Chinese Engineers Association,
11490	286	Arrangement of cross compound engine, 4001 horsepower	[Not dated]	London
44544	000	A	0.0.4000	Messrs The Anglo-Chinese Engineers Association,
11514	286	Arrangement of cross compound engine, 4001 horsepower	3.9.1920	London
115110	286	A	23.6.1921	Messrs The Anglo-Chinese Engineers Association,
11514a 11549	268	Arrangement of cross compound engine, 4001 horsepower		London Massara Lina Mill Co. Ltd. Massalav
	200	Arrangement of gearing for driving mules	[Not dated]	Messrs Una Mill Co Ltd, Mossley Messrs G E E Cross Mills Ltd, Hyde
	110	Arrangement of accord motion shoft etc		
11550	118 [None]	Arrangement of second motion shaft etc	30.6.1920	
11558	[None]	Nameplate for fly wheel set	6.7.1920	(Davy Bros Ltd, Sheffield)
11558 11562	[None] 750	Nameplate for fly wheel set Arrangement of finishing mill drive (B set)	6.7.1920 14.10.1920	
11558 11562 11567	[None] 750 [None]	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type	6.7.1920	
11558 11562 11567 11585	[None] 750 [None] [None]	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine	6.7.1920 14.10.1920 [Not dated] 25.8.1920	(Davy Bros Ltd, Sheffield)
11558 11562 11567 11585 11648	[None] 750 [None] [None] [None]	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type	6.7.1920 14.10.1920 [Not dated] 25.8.1920 8.1.1929	(Davy Bros Ltd, Sheffield)
11558 11562 11567 11585	[None] 750 [None] [None]	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines	6.7.1920 14.10.1920 [Not dated] 25.8.1920 8.1.1929 8.6.1921	(Davy Bros Ltd, Sheffield)
11558 11562 11567 11585 11648 11713	[None] 750 [None] [None] [None] 628	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines	6.7.1920 14.10.1920 [Not dated] 25.8.1920 8.1.1929	(Davy Bros Ltd, Sheffield)
11558 11562 11567 11585 11648 11713 11714	[None] 750 [None] [None] [None] 628 628	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines	6.7.1920 14.10.1920 [Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921	(Davy Bros Ltd, Sheffield)
11558 11562 11567 11585 11648 11713 11714 11716 11742 11748	[None] 750 [None] [None] [None] 628 628 176	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of high pressure valve gear Arrangement of barring engine and gear Arrangement of hand barring gear	6.7.1920 14.10.1920 [Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921 12.5.1921	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple
11558 11562 11567 11585 11648 11713 11714 11716 11742 11748 11779	[None] 750 [None] [None] [None] 628 628 176 [None]	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of hip pressure valve gear Arrangement of barring engine and gear Arrangement of hand barring gear General arrangement of horizontal cross compound engine	6.7.1920 14.10.1920 [Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921 12.5.1921 8.4.1921 16.6.1921 19.8.1921	(Davy Bros Ltd, Sheffield)
11558 11562 11567 11585 11648 11713 11714 11716 11742 11748 11779 11877	[None] 750 [None] [None] [None] 628 628 176 [None] 178	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of high pressure valve gear Arrangement of barring engine and gear Arrangement of hand barring gear General arrangement of horizontal cross compound engine General arrangement of cold roll drive	6.7.1920 14.10.1920 (Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921 12.5.1921 16.6.1921 19.8.1921 11.6.1922	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple
11558 11562 11567 11585 11648 11713 11714 11716 11742 11748 11779 11877 11935	[None] 750 [None] [None] [None] [628 628 176 [None] 178	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of high pressure valve gear Arrangement of barring engine and gear Arrangement of barring ear General arrangement of horizontal cross compound engine General arrangement of cold roll drive Sectional front elevation of horizontal engine	6.7.1920 [Not dated] 25.8.1920 8.1.1929 8.6.1921 12.5.1921 8.4.1921 16.6.1921 19.8.1921 11.6.1922 8.1.1923	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple
11558 11562 11567 11585 11648 11713 11714 11716 11742 11778 11877 11877 11935 12016	[None] 750 [None] [None] [None] 628 628 176 [None] 178 278	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of high pressure valve gear Arrangement of barring engine and gear Arrangement of hand barring gear General arrangement of horizontal cross compound engine General arrangement of cold roll drive Sectional front elevation of horizontal engine Arrangement of alterations to HP valve gear	6.7.1920 14.10.1920 (Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921 12.5.1921 16.6.1921 19.8.1921 11.6.1922 8.1.1923	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple Messrs The Hollins Mill Co, Marple, Cheshire
11558 11562 11567 11585 11648 11713 11714 11716 11742 11748 11779 11877 11935 12016	[None] 750 [None] [None] [None] 628 628 176 [None] 178 196 278 82 [None]	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of irverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of high pressure valve gear Arrangement of barring engine and gear Arrangement of barring engine and gear Arrangement of hand barring gear General arrangement of horizontal cross compound engine General arrangement of cold roll drive Sectional front elevation of horizontal engine Arrangement of alterations to HP valve gear	6.7.1920 14.10.1920 (Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921 12.5.1921 16.6.1921 11.6.1922 8.1.1923 14.4.1923 27.4.1911	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple
11558 11562 11567 11585 11648 11713 11714 11716 11742 11779 11877 11935 12016 1201A	[None] 750 [None] [None] [None] 628 628 176 [None] 178 196 278 82 [None] 109	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of hip pressure valve gear Arrangement of barring engine and gear Arrangement of barring engine and gear General arrangement of horizontal cross compound engine General arrangement of cold roll drive Sectional front elevation of horizontal engine Arrangement of alterations to HP valve gear Plan of rope driving & High pressure cylinder	6.7.1920 14.10.1920 [Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921 12.5.1921 8.4.1921 16.6.1921 11.6.1922 8.1.1923 14.4.1923 27.4.1911 10.4.1923	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple Messrs The Hollins Mill Co, Marple, Cheshire John Bright & Bros Ltd, Rochdale
11558 11562 11567 11585 11648 11713 11714 11714 11742 11748 11779 11877 11935 12016 1201A 12023 12043	[None] 750 [None] [None] [None] 628 628 176 [None] 178 196 278 82 [None] 109	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of high pressure valve gear Arrangement of barring engine and gear Arrangement of barring engine and gear Arrangement of thand barring gear General arrangement of horizontal cross compound engine General arrangement of cold roll drive Sectional front elevation of horizontal engine Arrangement of alterations to HP valve gear Plan of rope driving &c High pressure cylinder General arrangement of compound inverted vertical jet condensing engines	6.7.1920 14.10.1920 (Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921 12.5.1921 14.4.1921 16.6.1921 11.6.1922 8.1.1923 14.4.1923 27.4.1911 10.4.1923 22.11.1923	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple Messrs The Hollins Mill Co, Marple, Cheshire John Bright & Bros Ltd, Rochdale Aryodaya Spinning & Weaving Co, Ahmedabad, India
11558 11562 11567 11585 11648 11713 11714 11716 11772 11748 11779 11877 11935 12016 1201A 12023 12043 12067	[None] 750 [None] [None] [None] 628 628 176 [None] 178 196 278 82 [None] 109 109 109	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of irriple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of high pressure valve gear Arrangement of barring engine and gear Arrangement of hand barring gear General arrangement of horizontal cross compound engine General arrangement of cold roll drive Sectional front elevation of horizontal engine Arrangement of alterations to HP valve gear Plan of rope driving &c High pressure cylinder General arrangement of compound inverted vertical jet condensing engines Arrangement of horizontal compound engine	6.7.1920 14.10.1920 1,Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921 12.5.1921 16.6.1921 11.6.1922 8.1.1923 14.4.1923 27.4.1911 10.4.1923 22.11.1923 18.10.1923	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple Messrs The Hollins Mill Co, Marple, Cheshire John Bright & Bros Ltd, Rochdale Aryodaya Spinning & Weaving Co, Ahmedabad, India Gomptipur Spinning & Weaving Co, Ahmedabad, India
11558 11562 11567 11585 11648 11713 11714 11714 11742 11748 11779 11877 11935 12016 1201A 12023 12043	[None] 750 [None] [None] [None] 628 628 176 [None] 178 196 278 82 [None] 109	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of high pressure valve gear Arrangement of barring engine and gear Arrangement of barring engine and gear Arrangement of thand barring gear General arrangement of horizontal cross compound engine General arrangement of cold roll drive Sectional front elevation of horizontal engine Arrangement of alterations to HP valve gear Plan of rope driving &c High pressure cylinder General arrangement of compound inverted vertical jet condensing engines	6.7.1920 14.10.1920 (Not dated] 25.8.1920 8.1.1929 8.6.1921 5.7.1921 12.5.1921 14.4.1921 16.6.1921 11.6.1922 8.1.1923 14.4.1923 27.4.1911 10.4.1923 22.11.1923	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple Messrs The Hollins Mill Co, Marple, Cheshire John Bright & Bros Ltd, Rochdale Aryodaya Spinning & Weaving Co, Ahmedabad, India
11558 11562 11567 11585 11648 11713 11714 11774 11774 11877 11877 11935 12016 1201A 12023 12043 12067 12190	[None] 750 [None] [None] [None] 628 628 176 [None] 178 196 278 82 [None] 109 109 120 490	Nameplate for fly wheel set Arrangement of finishing mill drive (B set) Nameplate for fly wheel set, standard type Outline arrangement of cross compound condensing engine Arrangement of triple expansion inverted vertical condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of inverted vertical compound condensing engines Arrangement of hip pressure valve gear Arrangement of barring engine and gear Arrangement of barring engine and gear General arrangement of horizontal cross compound engine General arrangement of cold roll drive Sectional front elevation of horizontal engine Arrangement of alterations to HP valve gear Plan of rope driving & High pressure cylinder General arrangement of compound inverted vertical jet condensing engines Arrangement of horizontal compound engine Arrangement of horizontal compound engine	6.7.1920 14.10.1920 [Not dated] 25.8.1920 81.1929 8.6.1921 5.7.1921 12.5.1921 8.4.1921 11.6.1922 81.1923 14.4.1923 27.4.1911 10.4.1923 22.11.1923 18.10.1923 26.2.1924	(Davy Bros Ltd, Sheffield) Messrs The Hollins Mill Co, Marple Messrs The Hollins Mill Co, Marple, Cheshire John Bright & Bros Ltd, Rochdale Aryodaya Spinning & Weaving Co, Ahmedabad, India Gomptipur Spinning & Weaving Co, Ahmedabad, India
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13003A 13046	150 350		Arrangement of triple expansion inverted vertical condensing engines CI spider, steel spur rim and pinion	[Not dated] 7.10.1927	
13070	[None]		Arrangement of mooring winch	[Not dated]	
13110	562, 42		Arrangement of 150" sheet shears	26.1.1928	
13191	240		20' diameter flywheel	3.7.1928	
1319A 1319B	[None] [None]		Proposed arrangement of driving ring frames &c Proposed arrangement of driving ring frames &c	23.12.1912 19.12.1912	Dukinfield Mill Co Lttd Dukinfield Mill Co Lttd
1347A	[None]		Plan of proposed turbine & rope drive	[Not dated]	Kershaw, Leese, & CO Ltd, Stockport
1347B	[None]		Plan of proposed turbine & rope drive	16.12.1913	Kershaw, Leese, & CO Ltd, Stockport
1352A	[None]		Plan of proposed vertical engine & rope driving	22.7.1913	Thomas Taylor & Bro Ltd, Victoria Mills, Wigan
13665	207		Arrangement of corrugating machine	10.10.1932	
13667 13668	[None] 207		Details of 1st and 2nd stages corrugating rolls for corrugating machine Details of 3rd and 4th stages corrugating rolls for corrugating machine	12.8.1932 18.8.1932	
13669	207		Details of 5th stage corrugating rolls for corrugating machine	16.8.1932	
13670	207		Details of 6th stage corrugating rolls for corrugating machine	5.8.1932	
13671	207		Details of 6A & 6B stage corrugating rolls for corrugating machine	6.8.1932	
13672	207		Details of 7th and 8th stage corrugating rolls for corrugating machine	8.8.1932	
13673 1628A	[None] [None]		Arrangement of three high sheet mill Plan of proposed horizontal engine & rope driving	6.6.1933 8.2.1916	Dacca Twist Co Ltd, Gidlow Works, Wigan
1628B	[None]		Plan of proposed horizontal engine & rope driving	8.2.1916	Dacca Twist Co Ltd, Gidlow Works, Wigan
1628C	[None]		Plan of proposed turbine & rope driving	8.2.1916	Dacca Twist Co Ltd, Gidlow Works, Wigan
1628D	[None]		Plan of proposed turbine & rope driving	8.2.1916	Dacca Twist Co Ltd, Gidlow Works, Wigan
1628E 187/85	[None] [None]		Plan of proposed turbine & rope driving Arrangement & details of shaft driving flint grinding pans	8.2.1916 23.4.1926	Dacca Twist Co Ltd, Gidlow Works, Wigan H&R Johnson, Burlsem
196/55	897, 961		General arrangement of motors &c & runway	7.5.1920	Kelly & Browning for Gorton & halliday, Middleton
2026A	[None]		Arrangement of reversing engine, cogging and finishing mills	23.10.1922	,
210	[None]		Cast steel spur wheels for 40" x 48" three cylinder vertical engine	9.11.1906	
215	[None]		Arrangement of barring engine	23.1.1891	Messrs The Neville Mill Co, Oldham
22?? (Damaged) 220-23	[None] [None]		Arrangement of electrical winder Arrangement of barring engine & fixings for lay shafts	23.12.1924 10.3.1893	Messrs The Rock Spinning Co Ltd, Ashton
225-6	[None]		General arrangement of barring engines	5.8.1892	Messrs Prockter & Co, Hollinwood
226	[None]		General arrangement of compound tandem horizontal engine	[Not dated]	Messrs J E & W Christy, Stockport
2305A	[None]		Arrangement of proposed inverted vertical engine and rope drives	9.11.1925	Bharatkhand Copper Mills Co Ltd, Ahmedabad, India
2337A	[None]		Arrangement of turbo pumping sets, new boilers and auxiliaries	23.12.1925	
244/22 249/22	[None]	22	none Arrangement of compensating gear	[Not dated] 22.4.1908	
250/22	[None]	23	Details of compensating gear	22.4.1908	
253/22	[110110]	23	Arrangement of governor connections & compensating gear	29.4.1908	Times Mill Co Ltd, Middleton
254/22	[None]		Arrangement of governor and connections	16.5.1908	Hope Sp Co Ltd, Failsworth
262	41		Arrangement of cut-off gear for high pressure cylinders	25.8.1885	Buckley & Lees, Godley
267/81	569		Arrangement of right angle rope drive for winding room	16.7.1924 12.6.1988	Messrs the Portwood SPG Co. Ltd.
27028 271/81	[None] 855		Arrangement of 6.5" x 7.5" Soho engine & 5" centrifugal pump Arrangement of right angle rope drive from rope race to vacuum pumps in basement	27.2.1929	Messrs Prockters & Co Ltd, Vale Mills, Hollinwood
27183	[None]		Central sections of T83 engines	[Not dated]	Wessis Fronkers & Go Eta, Vale Willis, Fronkrivou
272/22	[None]		General arrangement of governor and connections to trip gear	22.9.1908	messrs the Orme Mill Co Ltd - Waterhead
27331	[None]		Arrangement of compound grade R condensing engine	12.10.1899	
288/52 313	[None] 144		Arrangement of pipes between cylinders etc.	26.9.1902	Messrs the Globe Spinning and Manf. Co
31844	[None]		General arrangement of compound tandem horizontal engine Arrangement of 25 BHP vertical gas engine with flywheel governor	[Not dated] 19.11.1902	C Hill Esq, Gellia Mills, nr Cromford
325	335		Engine beam	[Not dated]	Messrs R Shiers & Bros, Newbreck Mills, Oldham
336/52	[None]		Arrangement of condenser & exhaust pipes from LP cylinder	9.12.1903	Messrs the Victor Mill Co. Ltd, Stalybridge
34235	[None]		Arrangement of 300 BHP vertical gas engine with flywheel governor	[Not dated]	
344/52 37887	486 [None]		General arrangement of pipes QVES gas engine and dynamo	1.2.1904 7.11.1906	Messrs the Hurst Mill Co. Ltd, Ashton under Lyne
37904	[None]		MVES gas engine and M size suction producer	6.8.1906?	
37942	[None]		Arrangement of OVES gas engine and P suction gas plant	16.4.1907	
37947	[None]		Arrangement of plant	7.5.1907	Schnabl & Co, Triest
37958	[None]		Arrangement of KV gas engine and K suction plant	8.7.1907	
398-99	20		Details of stop valve for steam hammer	[Not dated]	
403/52	83		Arrangement of steel steam pipes	17.8.1905	Messrs the Guide Bridge SFG Co. Ltd, Ashton under Lyne
420/52	83		Arrangement of steel steam pipes for main range	30.8.1905	Messrs the Guide Bridge SPG Co. Ltd, Guide Bridge
4352A	[None]		Vertical triple expansion, Corliss, pumping engine	[Not dated]	
	[None]		General arrangement of 8" x 9" vertical reversing engine	9.11.1909	
43814			General arrangement and foundation of OAVS gas engine and dynamo		
44167	[None]		General arrangement and foundation for cross compound engine	18.1.1910 16.9.1910?	
			General arrangement and foundation for cross compound engine General arrangement of single horizontal engine	16.9.1910?	Messrs Alvert & Co, Gothenberg
44167 45307 455 455	[None] [None] 415 415		General arrangement of single horizontal engine General arrangement of single horizontal engine	16.9.1910? [Not dated] [Not dated]	Messrs Alvert & Co, Gothenberg
44167 45307 455 455 46615/147	[None] [None] 415 415 [None]		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine	16.9.1910? [Not dated] [Not dated] 31.5.1911	Messrs Alvert & Co, Gothenberg
44167 45307 455 455 46615/147 47574/147	[None] [None] 415 415 [None] [None]		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine	16.9.1910? [Not dated] [Not dated] 31.5.1911 5.1.1911	·
44167 45307 455 455 46615/147 47574/147 482/19	[None] [None] 415 415 [None] [None] 635		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter	16.9.1910? [Not dated] [Not dated] 31.5.1911 5.1.1911 23.10.1912	Messrs the Ancoats Vale Rubber Co, Ancoats
44167 45307 455 455 46615/147 47574/147 482/19 484/52	[None] [None] 415 415 [None] [None]		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine	16.9.1910? [Not dated] [Not dated] 31.5.1911 5.1.1911 23.10.1912 20.8.1906	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green
44167 45307 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19	[None] [None] 415 415 [None] [None] 635 336 698 744		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 56" diameter	16.9.1910? [Not dated] [Not dated] 31.5.1911 5.1.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912	Messrs the Ancoats Vale Rubber Co, Ancoats
44167 45307 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147	[None] [None] 415 415 [None] [None] 635 336 698 744 [None]		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine	16.9.1910? [Not dated] [Not dated] 31.5.1911 51.1.911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated]	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw
44167 45307 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52	[None] [None] 415 415 [None] [None] 635 336 698 744 [None] [None]		General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes	16.9.1910? [Not dated] [Not dated] 31.5.1911 5.1.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 31.1.1907	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham
44167 45307 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52 51/56	[None] [None] 415 415 415 [None] [None] 635 336 698 744 [None] [None]		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine	16.9.1910? [Not dated] (Not dated] 31.5.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 31.1.1907 [Not dated]	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw
44167 45307 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52	[None] [None] 415 415 [None] [None] 635 336 698 744 [None] [None]		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw	16.9.1910? [Not dated] [Not dated] 31.5.1911 5.1.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 31.1.1907	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw
44167 45307 455 455 455 456 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52 51/56 53964/147 541/19 54365/147	[None] [None] 415 415 [None] [None] 635 336 698 744 [None] [None] [None] [None] [None]		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement and foundation of 12" x 14" vertical engine	16.9.1910? [Not dated] 31.5.1911 53.1.911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 31.1.1907 [Not dated] 24.3.1916 29.3.1915	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne The Vernon Mill Co. Ltd, Stockport
44167 45307 455 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52 51/56 53964/147 541/19 54365/147 545/52	[None] [None] 415 415 415 [None] [None] 635 336 698 744 [None] [None] [None] [None] [None] [None] 258? [None]		General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement and foundation of 12" x 14" vertical engine General arrangement of pipes	16.9.1910? [Not dated] [Not dated] 31.5.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 31.1.1907 [Not dated] 24.3.1916 29.3.1915 10.7.1916	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne
44167 45307 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52 51/56 53964/147 541/19 54365/147 545/52 55143/147	[None] [None] 415 415 415 [None] [None] 635 336 698 744 [None] [None] [None] [None] 258? [None] 822 [None]		General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement and foundation of 12" x 14" vertical engine General arrangement of 9" x 9" vertical engine & vertical boiler	16.9.1910? [Not dated] 31.5.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 31.1.1907 [Not dated] 24.3.1916 29.3.1915 10.7.1916 2.3.1908	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne The Vernon Mill Co. Ltd, Stockport
44167 45307 455 455 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52 51/56 53964/147 541/19 54365/147 545/52 55143/147	[None] [None] 415 415 415 [None] [None] 635 336 698 744 [None] [None] [None] [None] [None] [None] 258? [None]		General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement and foundation of 12" x 14" vertical engine General arrangement of pipes	16.9.1910? [Not dated] [Not dated] 31.5.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 31.1.1907 [Not dated] 24.3.1916 29.3.1915 10.7.1916	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne The Vernon Mill Co. Ltd, Stockport
44167 45307 455 455 455 455 456 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52 51/56 53964/147 54365/147 55143/147 558/52 573	[None] [None] 415 415 415 (None] [None] 635 336 744 [None] [None] [None] [None] [None] [None] 50?? 587		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement and foundation of 12" x 14" vertical engine General arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 12" x 14" Soho engine General arrangement of engine and pipe connections Combined governor and throttle valve	16.9.1910? [Not dated] 31.5.1911 53.1.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 31.1.1907 [Not dated] 24.3.1916 29.3.1915 10.7.1916 2.3.1908 21.5.1917 28.6.1917 [Not dated]	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne The Vernon Mill Co. Ltd, Stockport Messrs the Broadstone Spg Co. ltd., Reddish
44167 45307 455 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52 51/56 53964/147 541/19 54365/147 55240/147 55240/147 558/52 573	[None] [None] 415 415 [None] 635 336 698 744 [None] [None] [None] [None] [None] 822 [None] 822 [None] 858?		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement of foundation of 12" x 14" vertical engine General arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 12" x 14" Soho engine General arrangement of engine and pipe connections Combined governor and throttle valve Five tons fly pulley	16.9.1910? [Not dated] [Not dated] 31.5.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 12.12.1912 [Not dated] 31.1.1907 [Not dated] 24.3.1916 29.3.1915 10.7.1916 23.1908 21.5.1917 [Not dated] 16.3.1886	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne The Vernon Mill Co. Ltd, Stockport Messrs the Broadstone Spg Co. ltd., Reddish messrs J. Bannatyne and Sons Ltd, Limerick, Ireland
44167 45307 455 455 456 46615/147 47574/147 482/19 486/19 487/19 487/19 49763/147 499/52 51/56 53964/147 541/19 54365/147 545/52 55143/147 558/52 573 576 59777/147	[None] [None] 415 415 415 [None] 635 336 698 744 [None] [None] [None] [None] [None] 258? [None] [None] 509? 509? 614 [None]		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement and foundation of 12" x 14" vertical engine General arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 12" x 14" Soven engine General arrangement of 12" x 14" soven engine General arrangement of engine and pipe connections Combined governor and throttle valve Five tons fly pulley	16.9.1910? [Not dated] 31.5.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 12.12.1912 [Not dated] 12.13.1916 29.3.1915 10.7.1916 23.1919 21.5.1917 28.6.1917 [Not dated] 16.3.1886 14.4.1886 14.1.1923	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne The Vernon Mill Co. Ltd, Stockport Messrs the Broadstone Spg Co. ltd., Reddish messrs J. Bannatyne and Sons Ltd, Limerick, Ireland Calvert & Co, Gothenberg
44167 45307 455 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52 51/56 53964/147 541/19 54365/147 55240/147 55240/147 558/52 573	[None] [None] 415 415 (15) (None] (Sas) 336 698 744 (None] (None] (None] (None] (None] (None] (None] 525 (None] (None] (None) 50? 587 614 (None) (None)		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement of foundation of 12" x 14" vertical engine General arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 12" x 14" Soho engine General arrangement of engine and pipe connections Combined governor and throttle valve Five tons fly pulley	16.9.1910? [Not dated] 31.5.1911 53.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 31.1.1907 [Not dated] 24.3.1916 29.3.1915 10.7.1916 2.3.1908 21.5.1907 [Not dated] 31.1.1907 [Not dated] 31.1.1907 [Not dated] 31.1.1907 [Not dated] 31.1.1916 31.1.1916 31.1.1917 31.1.1918 31.1.1918	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne The Vernon Mill Co. Ltd, Stockport Messrs the Broadstone Spg Co. ltd., Reddish messrs J. Bannatyne and Sons Ltd, Limerick, Ireland
44167 45307 455 455 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 49763/147 499/52 51/56 53964/147 541/19 54365/147 545/52 55240/147 558/52 573 573 576 597777/147 6/84	[None] [None] 415 415 415 [None] 635 336 698 744 [None] [None] [None] [None] [None] 258? [None] [None] 509? 509? 614 [None]		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement and foundation of 12" x 14" vertical engine General arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of engine and pipe connections Combined governor and throttle valve Five tons fly pulley Five tons fly pulley Floundation arrangement of 9" x 9" vertical reversing engine Plan of shaft & fixings for top room	16.9.1910? [Not dated] 31.5.1911 23.10.1912 20.8.1906 [Not dated] 12.12.1912 [Not dated] 12.12.1912 [Not dated] 12.13.1916 29.3.1915 10.7.1916 23.1919 21.5.1917 28.6.1917 [Not dated] 16.3.1886 14.4.1886 14.1.1923	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne The Vernon Mill Co. Ltd, Stockport Messrs the Broadstone Spg Co. Itd., Reddish messrs J. Bannatyne and Sons Ltd, Limerick, Ireland Calvert & Co, Gothenberg Thos Rivett Ltd, Stockport
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44167 45307 455 455 455 46615/147 47574/147 482/19 484/52 486/19 487/19 487/19 49763/147 499/52 51/56 53964/147 541/19 54365/147 545/52 55143/147 55240/147 558/52 573 576 597777/147 6/84 608 609 602/52 630/52 654/52 674/52 687/52 674/52 688 699 622/52 630/52 654/52 674/52 674/52 688 699 609 609 609 609 609 609 609	None		General arrangement of single horizontal engine General arrangement of single horizontal engine General arrangement and foundation of 11.25" x 12" vertical engine General arrangement and foundation of 8" x 9" coupled vertical engine One new HP Piston 36" diameter Arrangement of steel steam pipes and boiler feed pipes Low Pressure piston 40 3/16" diameter New LP Piston 58" diameter General arrangement and foundation of 9" x 9" coupled vertical engine Arrangement of steam, feed injection, overflow & blow off pipes none General arrangement and foundation of 6.5" x 7.5" vertical engines Steel Piston nut complete with die and screw General arrangement and foundation of 12" x 14" vertical engine General arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 9" x 9" vertical engine & vertical boiler Foundation arrangement of 9" x 9" vertical reversing engine Plan of shaft & fixings for top room Details of lower wall boxes to upright shafts and mule shafts Details of foot fixing to upright shaft driving spinning rooms from upright shaft General arrangement of pipes 5" diameter. General arrangement of pipes for new engine Arrangement of steam feed and boiler blow off pipes General arrangement of "LEA" Recording Apparatus for recording boiler feed water Vertical governor Arrangement of steam feed and boiler blow off pipes General arrangement of compound tandem Corliss engine General arrangement of orompound tandem Corliss engine Revised arrangement of own engine house Revised arrangement of dynamo drive	16.9.1910? [Not dated] 31.5.1911 5.1.1911 5.1.1911 5.1.1911 5.1.1911 20.8.1906 [Not dated] 12.12.1912 [Not dated] 12.12.1912 [Not dated] 12.1.1907 [Not dated] 24.3.1916 29.3.1915 10.7.1916 23.1998 21.5.1917 [Not dated] 16.3.1886 13.1.1923 23.11.1839 [Not dated] [Not dated] 16.3.1886 11.1915 11.1911 29.7.1886 11.8.1914 1.6.1915 14.1.1.1916 13.7.1886 20.10.867 26.4.1907 16.10.1907	Messrs the Ancoats Vale Rubber Co, Ancoats Messrs the Monton Mill Co, Monton Green Messrs J Stott Ltd, Werneth Mills, Oldham Messrs Rutland Mill Co. Ltd, Shaw Messrs Texas Mill Co., Ashton under Lyne The Vernon Mill Co. Ltd, Stockport Messrs the Broadstone Spg Co. ltd., Reddish messrs J. Bannatyne and Sons Ltd, Limerick, Ireland Calvert & Co, Gothenberg Thos Rivett Ltd, Stockport Messrs Buckley & Lees, Godley Mills, Hyde Messrs Buckley & Lees, Godley Mill Joseph Rivett Esq., Bankside Mill, Stockport Messrs Jas Cooper Ltd, Aqueduct Mills, Ashton Messrs the Ridgefield Sp.Co. Ltd., Failsworth Messrs the Pear New Mill Co. Ltd, Stockport New York Spinning Co, Heywood The Swan Lane Spg Co. Ltd, Bolton The UK Chemical product Co, Sutton Oak, St Helen's Junction, Lancs The Winterbottom Bookcloth Co Ltd, Weaste. Scott and Hodgson Engineers, Guide Bridge iron Works Messrs C Koch and Co Itd, Duckinfield
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E31085	[None]	General arrangement of cross compound engine	9.7.1921	AHmedabad Cotton Waste Mills
E31085	[None]	General Arrangement of cross compound engine	24.6.1921	Ahmedabad Cotton Waste Mills
no 9	[None]	Compound tandem horizontal engine	10.10.1884	JE & W Christy & Co, Hillgatea Mill, Stockport
				Copy of drawing produced by Uskside Engineering Co
None	[None]	Scroll drum for compound winding engine	[Not dated]	Ltd, Newport, Monmouthshire, their drawing no 33/3265
		700 Speed drop of 12ft diameter flywheel	9.1.1921	Wellman Seaver



