



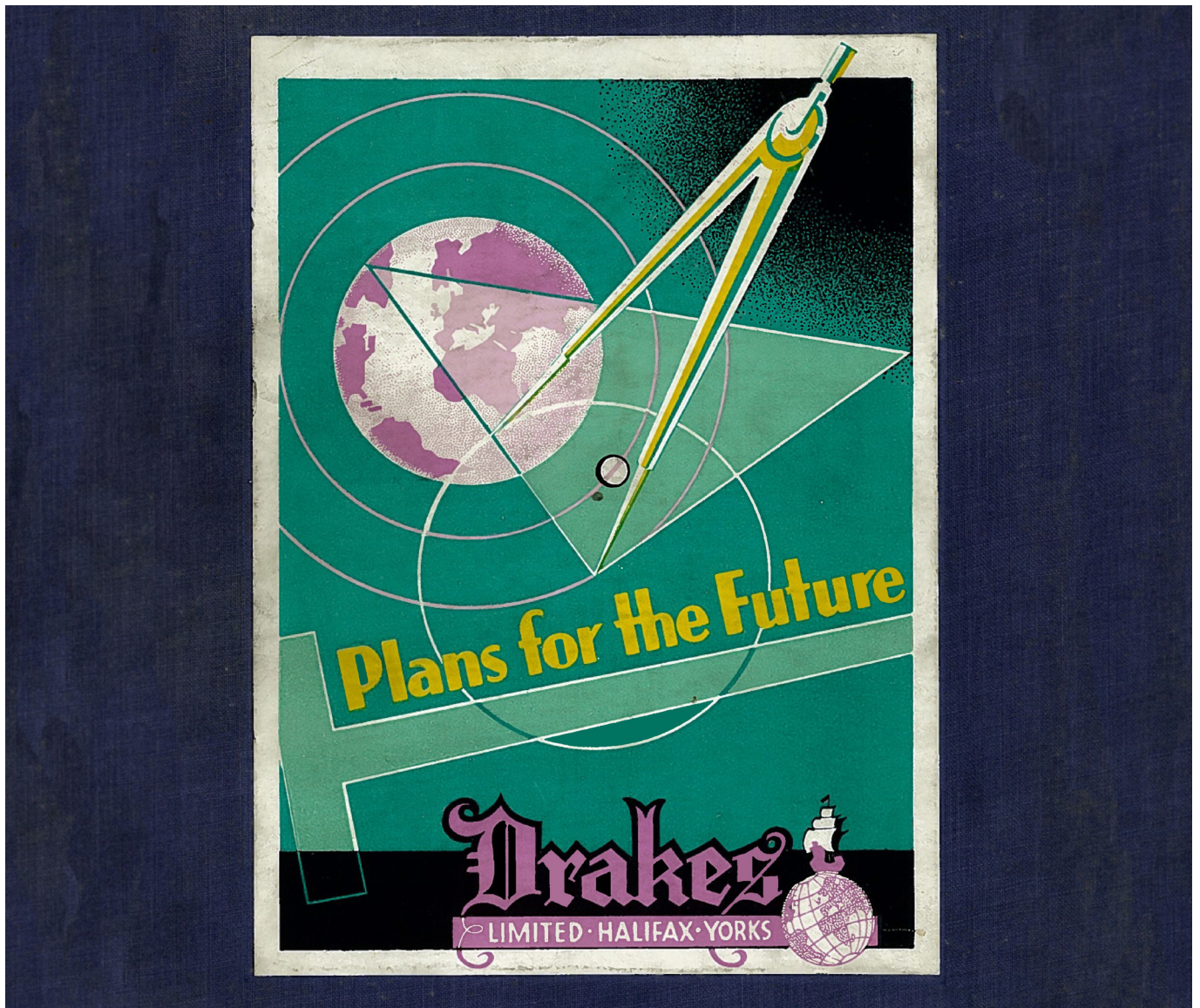
Historic England



# The Manufactured Gas Industry: Volume 4 List of Manufacturers of Gas Plant

Prof. Russell Thomas

Discovery, Innovation and Science in the Historic Environment



Front Cover Image: The front cover of "Plans for the Future" published in the 1950s by Drakes Ltd of Halifax. It was a catalogue of the activities, products and achievements of the company.

## VOLUME 4. LIST OF MANUFACTURERS OF GAS PLANT

### Volume 4




#### **Manufacturers of Gas Plant, Appliances and Gas Engineering Services.**

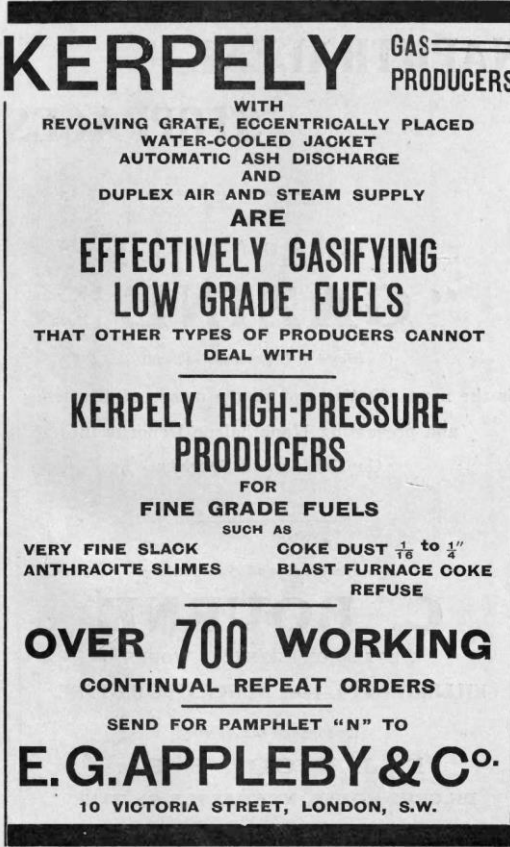
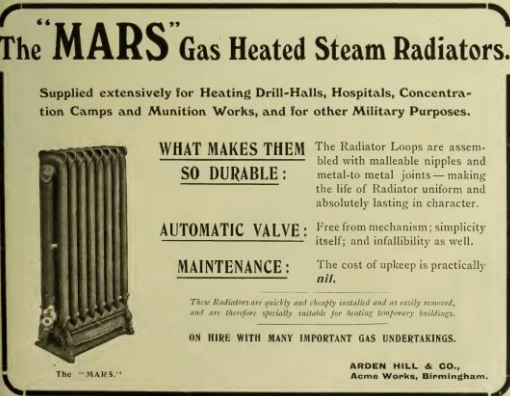
The following section provides a list of companies which worked in providing goods or services to the manufactured gas sector. The list does not include every company, but does include most of the major firms who supplied gas plant to British gasworks sites. Most of the companies are based in England, although a number of important companies were based in other parts of the British Isles, Scotland in particular. The list includes manufacturers who provided a wide range of gas plant, specific items of gas plant and also street lighting, gas appliances and gas mains to give a more complete picture. This document may also have side wider use beyond the UK as many of the British gas plant companies also exported plant abroad.



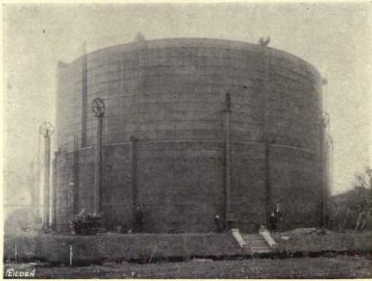
Most gas plant had a maker's name provided on a name plate. This may allow the manufacturers location to be identified by comparing the information against this list. This may be beneficial if the item is to be considered for preserving in a museum.

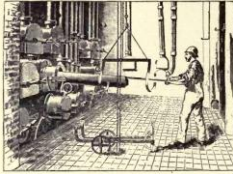
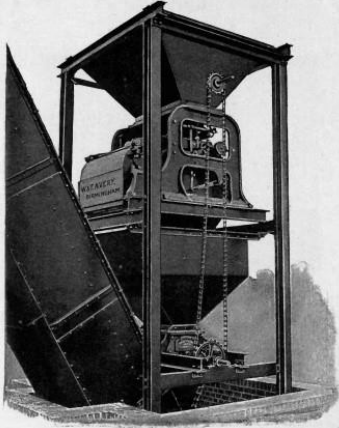


The listing has been prepared with the company name, address, the items or services they provided and an example of one or more advert for that company.

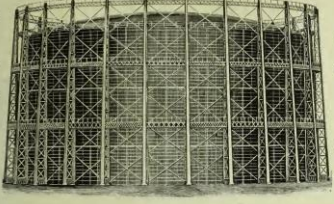
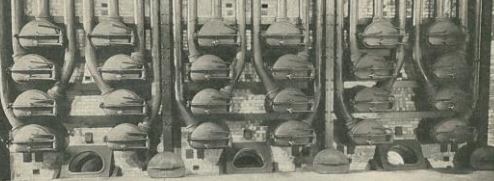
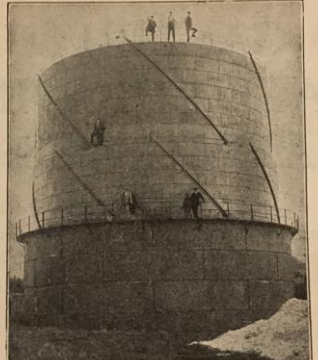
List of manufactures providing gas plant in Britain.

Name of Company (date of advert)	Company Address	Example Advert	Types of Plant Manufactured
A.C.E. Machinery Ltd (1949)	Harlequin Avenue, Great West Road, Brentford, England & Porden Road, Brixton, London, England.	<p style="text-align: center;"><b>9 out of 10 GAS WORKS</b> in London and Home Counties use</p> <div style="text-align: center;">  </div>  <p>Nine out of ten London and Home Counties Gas Works use the A.C.E. 2 ft. screening unit which handles up to 50 tons of clean coke per hour continuously. Adapted for intermittent running, for bagging purposes, the output is 20-25 tons per hour, screened, weighed and bagged. Write for the 'Ace' de-breezing booklet, which describes the full 'Ace' range.</p> <p style="font-size: small;">A.C.E. Machinery Ltd. are specialists in concrete elevating plants, platform hoists, runway hoists, warehouse and special purpose hoists, mobile hoists, mobile stackers and mobile lightweight cranes, power winches, capstans</p> <p style="font-size: x-small;">ACE A.C.E. MACHINERY LIMITED, HARLEQUIN AVENUE, GREAT WEST ROAD, BRENTFORD Tel. EALING 4262 (7 lines) and at Porden Road, Brixton, London, S.W.2. Tel. Brixton 2913 (9 lines)</p>	De-Breezing Screens, hoists, stackers, winches and cranes.
Alder and Mackay. (1898).	New Grange Works, Edinburgh, Scotland & Ventnor Street, Bradford, England.	<p style="text-align: center;"><b>ALDER &amp; MACKAY,</b> (Established for nearly Half-a-Century). <b>Gas Meter Manufacturers.</b></p> <div style="text-align: center;">  </div> <p style="text-align: center;">ORIGINAL MAKERS OF <b>DRY METERS</b> IN CAST IRON CASES. Designed and Registered 1864.</p> <p style="text-align: center;">NEW GRANGE WORKS, EDINBURGH.      VENTNOR STREET WORKS, BRADFORD.</p> <p style="font-size: x-small;">Telegrams—"ALDER, EDINBURGH." Telephone No. 31 West-on.      Telegrams—"ALDER, BRADFORD." Telephone No. 1222.</p>	Wet, dry and prepayment Gas Meters.
Aldridge and Ranken (1901)	Avonbank Works, Bath and 9 Victoria St., Westminster, England	<div style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;"><b>The Only Complete Stoker.</b></p> <p style="text-align: center;"><b>THE FIDDES-ALDRIDGE</b> <b>Simultaneous Discharging Charger.</b></p> <p style="text-align: center;"><b>THE ONE</b> Machine which Discharges and Charges at <b>ONE STROKE.</b></p> <p style="text-align: center;">CHARGES LAID LIGHTLY. Charges <b>NOT THROWN HEAVILY</b> into the Retort. <i>Perfect Freedom to the Evolved Gas during Carbonization.</i></p> <p style="text-align: center;"><b>Highest Illuminating Power.</b> <b>Highest THERMAL Value.</b> <b>Largest Yield per Ton.</b> <b>Lowest Cost of Carbonizing Attainable.</b></p> <p style="text-align: center;"><b>NO INJURY TO RETORTS.      NO WASTE OF COAL.</b> <b>NO COOLING REQUIRED.</b></p> <p style="text-align: center;"><b>Takes its Supply of Coal Automatically from Overhead Hoppers as it Travels.</b></p> <p style="font-size: x-small;">This Machine was designed and brought out by the Patentees to supersede the Projector Charger, invented, patented and used by Mr. Wm. FIDDES in 1893, which <b>PROJECTOR</b> was <b>DIS-CARDED</b> by him <b>ON ACCOUNT OF</b> the packing of the Coal in the Retort, the <b>DUST, WASTE, FLAME, SMOKE, NOISE,</b> and General Discomfort to the Workmen resulting from its use.</p> <p style="text-align: center;"><b>ALDRIDGE &amp; RANKEN,</b> 9, VICTORIA STREET, WESTMINSTER, S.W. Telegrams: "MOTORPATRY LONDON." Telephone: 5118 WESTMINSTER.</p> </div>	Stoking machinery. The Fiddes-Aldridge stoking machine.

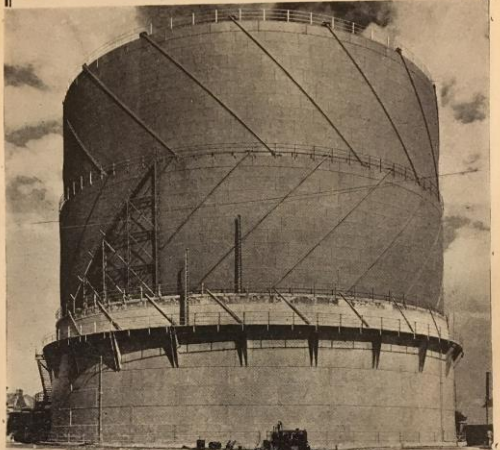
<p>E.G. Appleby &amp; Co. (1912)</p>	<p>10 Victoria Street, London, England.</p>		<p>Gas Producers, particularly Kerpely.</p>
<p>Arden Hill &amp; Co. (1916)</p>	<p>Acme Works, Birmingham, England.</p>		<p>Gas Radiators, gas fires, gas cookers, gas operated hot water apparatus and gas irons.</p>

<p>Sir William Arrol &amp; Co. Ltd (1910)</p>	<p>85 Present Street, Glasgow, Scotland.</p>	<p>706 JOURNAL OF GAS LIGHTING, WATER SUPPLY, &amp;c. [March 15, 1910.]</p> <p><b>ARROL-FOULIS</b>  <b>PATENT HYDRAULIC MACHINERY</b>  FOR  <b>CHARGING AND DRAWING GAS-RETORTS.</b></p>  <p>SIX 20 ft. THROUGH RETORT HUNTER-BARNETT PATENT COKE PUSHERS, and  <b>SIX ARROL-FOULIS PATENT CHARGING MACHINES</b> capable of charging up to Six cwt. per Mouthpiece.</p> <p><b>PART ORDER OF TWENTY-TWO MACHINES</b>  For the <b>South Metropolitan Gas Co.,</b> presently in hand.</p> <p>SOLE MAKERS:  <b>SIR WILLIAM ARROL &amp; CO., LIMITED,</b>  85, PRESTON STREET, GLASGOW.</p> <p>FOR FULL PARTICULARS APPLY TO THIS ADDRESS.</p>	<p>Charging and drawing machinery.</p>
<p>Ascot Gas Water Heaters Ltd (1952)</p>	<p>43 Park St. London, England.</p>	 <p><i>Ascot makes the most of gas</i></p> <p>The new Ascot 715 is the first water heater in the world to be constructed with the patented flat... an outstanding advance in gas water heater design. Its positive advantages include sealed combustion chamber for fire, improved efficiency, and greater flexibility of installation.</p> <p>High thermal value, combined with elegant appearance and compact construction give P.A. 'Heat gas rings and save heat the authentic Ascot name. All instruments, steel gas jets... they are silent, efficient and attract light look... and all give complete satisfaction to both user and engineer.</p> <p>ASCOT GAS WATER HEATERS LIMITED  43 PARK ST - LONDON W.1 - GPO Reg. No. 4491</p>	<p>Water heaters.</p>
<p>Ashmore, Benson, Pease &amp; Co. Ltd (1901)  Later became the Power Gas Corporation.</p>	<p>Parkfield Works, Stockton on Tees, England.</p>	<p><b>Patent Steel Wire Cable System</b>  FOR  <b>GAS HOLDERS.</b></p>  <p><i>Extract from letter of a prominent Gas Engineer—</i>  " My Cable-guided Holder has been working for some years, and continues to give entire satisfaction. I consider it has advantages over Columns,—  " a. Works steadier in heavy storms.  " and. Less unsightly.  " and. Cheaper in first cost.  " It is exposed to Atlantic storms, but is steady as a rock and causes me not the least anxiety."</p> <p>Makers of the Holders illustrated on pages 56, 58, 59, 62, with and without standards.</p> <p><b>Specialty:—All Constructional Gas Plant, Purifiers, Scrubbers, Condensers, Washers, Steel Tanks, Sulphate Plants, etc., etc.</b></p> <p>Address—STOCKTON-ON-TEES.      Telegrams—"GASHOLDER."</p>	<p>All types of Gas Plant in steel or iron. Specialists in gasholder construction and were manufacturers of wire/cable guided gasholders.</p>

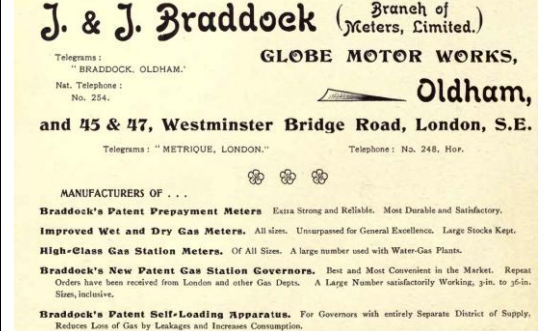

<p>John Atterton (1901)</p>	<p>Haverhill, Suffolk, England.</p>	<p><b>Atterton's Improved Retort Charging Apparatus</b> FOR MEDIUM AND SMALL GAS WORKS.</p>  <p>... As Working at ... HAVERHILL, HERTFORD, HODDESDON, BISHOP STORTFORD, SPALDING, KING'S LYNN, MELKSHAM, WALTHAM CROSS, SANDOWN, And other Gas Works of Home and Abroad.</p> <p>Patentee and Sole Maker ... <b>JOHN ATTERTON,</b> Haverhill, <b>SUFFOLK.</b></p> <p><small>THIS ILLUSTRATION SHOWS SCOOP BEING WITHDRAWN AND RAISED OFF THE CHARGE.</small></p>	<p>Retort charging apparatus for small and medium gasworks.</p>
<p>W&amp; T Avery Ltd (1901)</p>	<p>Soho Foundry, Smethwick, Birmingham, England. <i>The site of the former Boulton and Watt works.</i></p>	<p><b>AUTOMATIC COAL SCALE.</b></p>  <p><b>The FIRST and ONLY MACHINE</b> to Automatically Weigh Small Coal Satisfactorily. EX SHIP. EX SCREENS. EX BUNKERS.</p> <p><b>W. &amp; T. AVERY, Ltd.,</b>  Automatic Department, "AVERY, BIRMINGHAM." Soho Foundry, <b>BIRMINGHAM.</b></p>	<p>Weighing equipment.</p>
<p>Babcock and Wilcox Ltd. (c1921) (Est 1891) originally a US company.</p>	<p>Oriel House, Farringdon St., London, England. Manufactured plant in Kilbowie, Nr Glasgow, Scotland and later Renfrew, Scotland.</p>	<p><b>BABCOCK &amp; WILCOX</b> <b>LIMITED.</b> PATENT WATER-TUBE STEAM BOILERS. <b>12,400,000 H.P.</b> Land Type for Stationary Purposes. <b>3,800,000 H.P.</b> Marine Type Afloat. <small>BABCOCK &amp; WILCOX also supply, as Joint Manufacturers and General Licensees with J. SAMUEL WHITE &amp; CO. LIMITED, the WHITE-FORSTER BOILERS for DESTROYERS, TORPEDO BOATS, PINNACLES, etc.</small></p> <p><b>CONVEYORS FOR HANDLING COAL &amp; COKE, Etc.</b></p>  <p><b>PROVAN GASWORKS, GLASGOW, SCOTLAND.</b> Installation of Five Babcock &amp; Wilcox Gravity Bucket Conveyors for Handling and Distributing Coke.</p> <p>BABCOCK &amp; WILCOX MANUFACTURE SILENT GRAVITY BUCKET CONVEYORS. TIPPING TRAY CONVEYORS. COAL AND HOT COKE CONVEYORS. COAL AND COKE BREAKERS. AUTOMATIC RAILWAYS, &amp;c. &amp;c.</p> <p>HEAD OFFICE : <b>Oriel House, Farringdon Street, London, E.C.</b> <small>Telegrams : "Babcock London." Works : RENFREW, SCOTLAND. Telephone No. : City 6470 (8 lines).</small></p>	<p>Boilers, marine boilers, conveyors, cranes, pressed steel forgings, welded pressure vessels, piping and stokers.</p>

<p>Henry Balfour &amp; Coy., Ltd Est 1810 (1952)</p>	<p>Durie Foundry, Leven, Fife, Scotland.</p>	<p><b>HENRY BALFOUR &amp; CO.</b> LIMITED, <b>LEVEN, FIFESHIRE.</b></p> <p>Contractors for the Supply and Erection of all Classes of</p> <p><b>Gas-Works Plant.</b> THE "ANNULAR" BRUSH WASHER-SCRUBBER (GREEKE'S PATENT). Made with Cast-Iron or Mild Steel Cylinders. PRICES AND PARTICULARS ON APPLICATION.</p> <p>London Representative: MR. HENRY PUPLETT, 47, VICTORIA STREET, S.W.</p>	<p>All types of gas plant in steel or iron. Plant for chemical works.</p>
<p>Barrowfield Iron Works Ltd (1910)</p>	<p>Forneuk St. Glasgow, Scotland.</p>	<p><b>THE BARROWFIELD IRON-WORKS, LIMITED,</b> GAS ENGINEERS &amp; CONTRACTORS, <b>GLASGOW.</b></p> <p>Telegrams: "GASOMETER GLASGOW."</p> <p>OIL PLANT AND CHEMICAL APPARATUS. BRIDGES, GIRDEBS, WHARVES, PIERS. ROOFING OF EVERY STYLE. PIPES, VALVES, AND CONNECTIONS.</p>  <p>GAS APPARATUS OF EVERY DESCRIPTION. RETORTS, CONDENSERS, SCRUBBERS, PURIFIERS. GASHOLDERS AND TANKS. ENGINES, EXHAUSTERS, STEAM BOILERS, AND FITTINGS.</p> <p>Three-Lift Gasholder. Capacity, Six Million cubic feet. 120 feet Diameter by 45 feet deep each Lift. Erected at Glasgow.</p> <p>London Office: 6, LITTLE BUSH LANE, CANNON STREET.</p>	<p>All types of gasworks plant.</p>
<p>Bates and Cook (c1910)</p>	<p>59 Saint Paul's St., Leeds, England.</p>	<p><b>BATES &amp; COOK</b> 59 SAINT PAUL'S ST. LEEDS 35 YEARS EXPERIENCE IN ALL TYPES OF HORIZONTAL SETTINGS SHALLOW, SEMI-DEEP &amp; DEEP REGENERATORS · RECONSTRUCTIONS RETORT HOUSES · CHIMNEYS · BOILER SETTINGS · GAS PRODUCERS SEND US YOUR ENQUIRIES</p>  <p>TELEGRAMS: SETTINGS, LEEDS. TELEPHONE: 23516.</p>	<p>Retorts houses, retort settings, gas producers, boiler settings and Chimneys.</p>
<p>J. Bates and Son (1952)</p>	<p>Barkby Lane, Leicester, England</p>	<p><b>J. BATES &amp; SONS</b> Barkby Lane LEICESTER</p>  <p>WE ARE CONTRACTORS FOR ALL KINDS OF GAS WORKS PLANT AND STEELWORK. RECONSTRUCTIONS—REPAIRS. GASHOLDERS INSPECTED AND REPORTED ON. SHEET METAL WORK.</p>	<p>All types of Gas Plant in Steel or iron.</p>

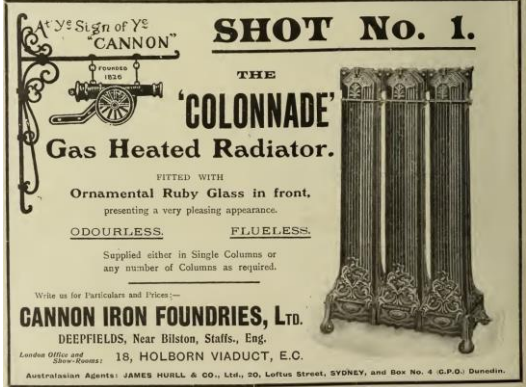
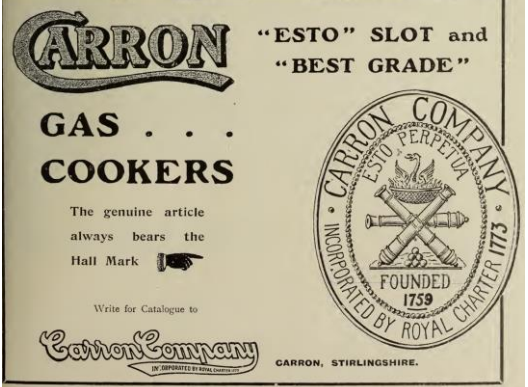
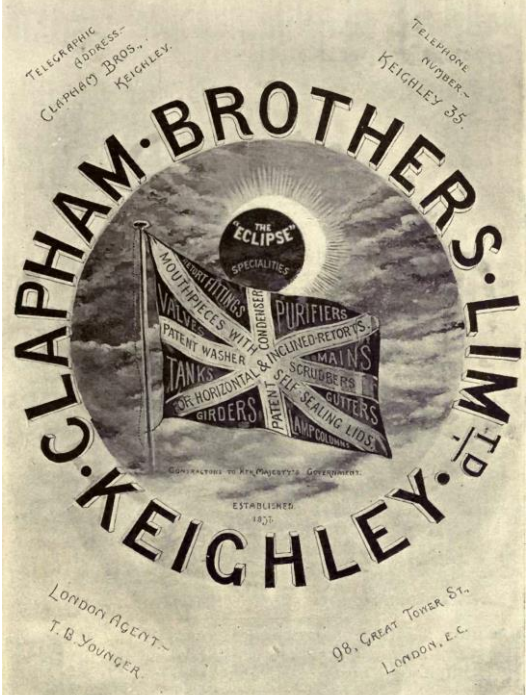



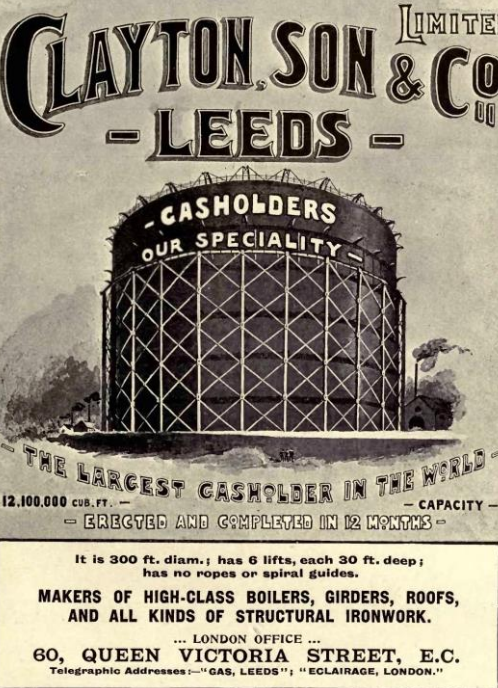
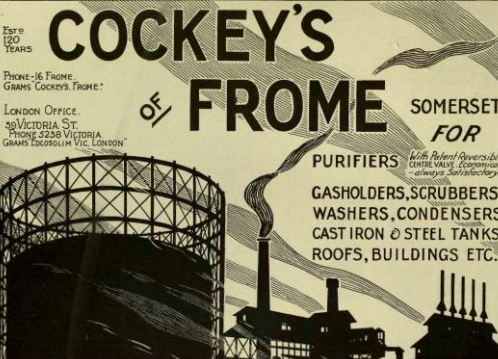
<p>Beamont A.H. Ltd</p>	<p>Wrights Wharf, Salmon Lane, London, England.</p>	<p style="text-align: center;"><b>A.H.B.</b> For Gasholder Painting, Demolition &amp; General Contracting</p>  <p style="text-align: center;">Gasholder recently painted by us.</p> <p style="text-align: center;"><b>HAVE YOUR GASHOLDERS &amp; STRUCTURAL STEELWORK PAINTED THE A.H.B. WAY TO ENSURE A FIRST CLASS JOB.</b></p> <p style="text-align: center;">[ When in doubt or difficulty, make use of our experience and modern equipment, which are at your service always. ]</p> <p style="text-align: center;"><b>A. H. BEAUMONT, LTD.</b> WRIGHT'S WHARF, SALMON LANE, LONDON E14</p> <p><small>Phone: STEPney Green 2477-8</small></p>	<p>Gasholder, painting, demolition and general contracting.</p>
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<p>Biggs, Wall and Company (1901)</p>	<p>13 Cross Street, Finbury Pavement, London, England.</p>	<p style="text-align: center;"><b>BIGGS, WALL &amp; CO.,</b> 13, Cross Street, Finsbury Pavement, London, E.C.</p> <p style="text-align: center;">- - "Rapid" - -</p> <p style="text-align: center;"><b>Manual Charging Machines</b></p>  <p style="text-align: center;"><small>THIS ILLUSTRATION SHOWS THE MACHINE AT WORK IN THE WORTHING GAS WORKS.</small></p> <table border="0" style="width: 100%;"> <tr> <td style="vertical-align: top;"> <p><b>Repeat Orders</b></p> <p>FOR</p> <p><b>"RAPID" CHARGING MACHINES</b></p> <p>At the following places—</p> <p>Two Machines <b>NEWPORT (Mon.)</b></p> <p>Two Machines <b>WORTHING.</b></p> </td> <td style="vertical-align: top; text-align: center;"> <p><b>ADVANTAGES.</b></p> <ol style="list-style-type: none"> <li>1st. Reduction in Cost of Labour, skilled Labour unnecessary.</li> <li>2nd. Better distribution of Charges, greatest ease in drawing.</li> <li>3rd. Holding capacity of Retorts much increased, consequent increase of Carbonising power.</li> <li>4th. 4-cwt. Charge takes less than <b>ONE MINUTE.</b></li> </ol> </td> <td style="vertical-align: top;"> <p>This Machine can be seen at</p> <p><b>WORTHING, YEOVIL . . . and NEWPORT (Mon.) GAS WORKS.</b></p> </td> </tr> </table>	<p><b>Repeat Orders</b></p> <p>FOR</p> <p><b>"RAPID" CHARGING MACHINES</b></p> <p>At the following places—</p> <p>Two Machines <b>NEWPORT (Mon.)</b></p> <p>Two Machines <b>WORTHING.</b></p>	<p><b>ADVANTAGES.</b></p> <ol style="list-style-type: none"> <li>1st. Reduction in Cost of Labour, skilled Labour unnecessary.</li> <li>2nd. Better distribution of Charges, greatest ease in drawing.</li> <li>3rd. Holding capacity of Retorts much increased, consequent increase of Carbonising power.</li> <li>4th. 4-cwt. Charge takes less than <b>ONE MINUTE.</b></li> </ol>	<p>This Machine can be seen at</p> <p><b>WORTHING, YEOVIL . . . and NEWPORT (Mon.) GAS WORKS.</b></p>	<p>Retort charging machines.</p>
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<p>Keith Blackman Ltd (1952)</p>	<p>Mill Mead Rd, Tottenham, London, England.</p>		<p>Switches, valves, fans, industrial gas systems, both of the heating and high-pressure types.</p>
<p>J &amp; J Braddock (1901)</p>	<p>Globe Meter works, Oldham, England and Westminster Bridge Road, London, England</p>		<p>Gas meters, station meters, governors.</p>
<p>George Bray &amp; Co. (1949)</p>	<p>Leicester Place, Leeds, England.</p>		<p>Gas Burners and Lights.</p>
<p>British Gas Purification Materials Co. Ltd. (1952)</p>	<p>London Road, Leicester, England.</p>		<p>Dutch bog ore for purification.</p>

<p>British Jeffrey-Diamond Ltd (1949)</p>	<p>Wakefield, England.</p>		<p>Roll breakers.</p>
<p>John Brotherton (c1900)</p>	<p>Imperial Tube Works, Wolverhampton, England</p>		<p>Tubes and fittings.</p>
<p>James Buchanan &amp; Son. (1949)</p>	<p>Caledonia Foundry &amp; Engine Works, Liverpool, England.</p>		<p>Charging and pushing machines.</p>

<p>Cannon Iron Foundries Ltd (1909)</p>	<p>Deepfields, Bilston, Staffs, England.</p>		<p>Gas cookers, gas radiators, gas stoves, gas fires, Gas meters.</p>
<p>Carron Company. (1909)</p>	<p>Carron, Stirling, Scotland.</p>		<p>Gas appliances.</p>
<p>Clapham Brothers. (1901)</p>	<p>Keighley, Yorkshire, England and 98 Great Tower St., London.</p>		<p>All types of gas making plant.</p>

<p>Clay Cross (Iron and Foundries) Ltd. (1963)</p>	<p>Clay Cross, Chesterfield, Derbyshire, England.</p>	 <p><b>CLAY CROSS</b> <b>THE MAIN CHOICE FOR OVER A CENTURY</b></p> <p><b>SPUN AND CAST IRON PIPES</b></p> <p>Available with bolt type flexible joints for high or low pressure gas mains. 125 years of experience, plus modern facilities and plant, enable Clay Cross to continue their first class service to Gas and Sewage authorities and principal Government Departments at home and overseas.</p> <p><b>CLAY CROSS (IRON &amp; FOUNDRIES) LTD</b> CLAY CROSS - NEAR CHESTERFIELD - DERBYSHIRE</p>	<p>Iron pipes.</p>
<p>Clayton Son &amp; Company Ltd. (1901)</p>	<p>Moor End, Hunslet, Leeds, England and 60 Queen Victoria St. London, England.</p>	 <p><b>CLAYTON SON &amp; CO LIMITED</b> <b>- LEEDS -</b></p> <p><b>GASHOLDERS</b> <b>OUR SPECIALITY</b></p> <p><b>THE LARGEST GASHOLDER IN THE WORLD</b></p> <p><b>12,100,000 CUB. FT. - CAPACITY -</b> <b>ERECTED AND COMPLETED IN 12 MONTHS</b></p> <p>It is 300 ft. diam.; has 6 lifts, each 30 ft. deep; has no ropes or spiral guides. <b>MAKERS OF HIGH-CLASS BOILERS, GIRDERS, ROOFS, AND ALL KINDS OF STRUCTURAL IRONWORK.</b></p> <p>... LONDON OFFICE ... <b>60, QUEEN VICTORIA STREET, E.C.</b> Telegraphic Addresses: - "GAS, LEEDS"; "ECLAIRAGE, LONDON."</p>	<p>Gasholders and all types of gas plant incl. boilers, roofs, tanks, boilers and structural steel.</p>
<p>Cockey's of Frome. (1921)</p>	<p>The Iron Works, Frome, Somerset, England and 39 Victoria St. London, England.</p>	 <p><b>COCKEY'S OF FROME SOMERSET FOR</b></p> <p>PURIFIERS <i>With Patent Reversible cones, valves, &amp; apparatus - always satisfactory.</i></p> <p><b>GASHOLDERS, SCRUBBERS, WASHERS, CONDENSERS, CAST IRON &amp; STEEL TANKS, ROOFS, BUILDINGS ETC.,</b></p> <p>ESTD 120 YEARS PHONE-16 FROME, GLOUCESTERSHIRE. LONDON OFFICE: 39 VICTORIA ST. PHONE 2230 VICTORIA GRAYS DOCK ROAD VIC. LONDON</p>	<p>All types of gas plant in steel or iron. Gas lamps and gas mains.</p>

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Grid works,  
Bispham,  
Blackpool,  
England.

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for  
**PURIFIERS  
SCRUBBERS  
and  
WASHERS**

FLAT GRID  
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Grids for  
purifiers,  
scrubbers and  
washers.

S. Cutler &  
Sons (1901).

Providence  
Ironworks,  
Millwall,  
London,  
England.

**SAMUEL CUTLER & SONS.**  
**Cutler's Patent Guide Framing for Gasholders**  
HAS BEEN ADOPTED FOR MANY IMPORTANT HOLDERS.

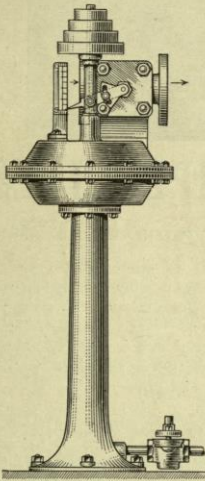
This Guide Framing does not require Piers for its support and the Cost of the Tank is thus much reduced.

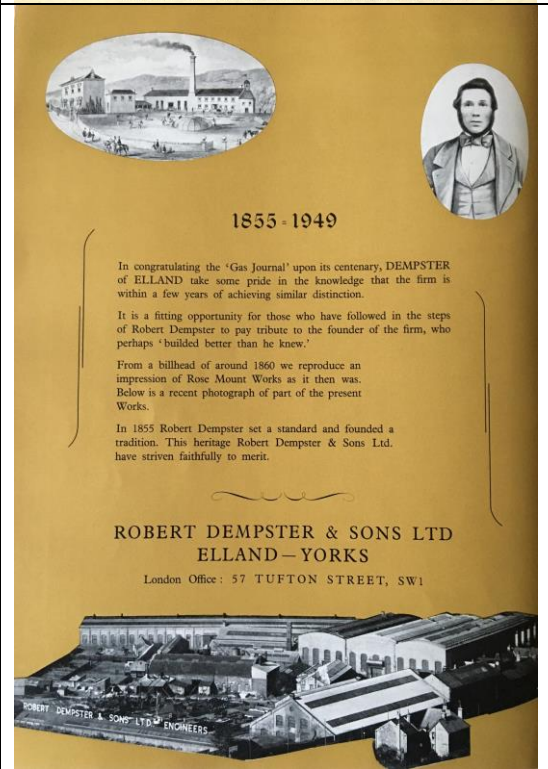
*It has been adopted in many places, including the following:-*

Tunbridge Wells	112 x 35	3 Lift	Sunderland	150 x 35	3 Lift	Copenhagen	174 x 30	3 L/ft
Rochdale	150 x 34	4 "	Hornsey	111 x 35	2 "	Southend	90 x 25	" "
Shawfield	60 x 30	" "	St. Albans	165 x 30	" "	Hull	85 x 30	" "
Fife	55 x 25	" "	Jersey	105 x 30	" "	Aldershot	85 x 24	" "
St. Mary Cray	35 x 25	" "	Lewisham	122 x 30	1 "	Brentford	85 x 22	" "
Beaconsfield	40 x 25	" "	King's Lynn	90 x 25	" "	Southend (2nd)	125 x 22	" "
Barnet	114 x 35	2 "	Cromer	65 x 20	2 "	Luton	125 x 30	" "
Hampton Court	111 x 32	2 "						



**CARBURETTED WATER-GAS PLANT.**  
EVERY REQUIREMENT FOR GASWORKS.  
**PROVIDENCE IRONWORKS, MILLWALL, LONDON.**

Gasholders,  
water gas plant  
and all types of  
gas plant.



<p>Davis Brothers.</p>	<p>66 Deansgate Manchester, England.</p>	<p>AMMONIA STILL.          GAS WASHERS.          LIQUOR AMMONIA PLANT.          PLANT FOR Ammonium Sulphate, Muriate, and Nitrate</p> <p><b>“TREPPEX”</b></p> <p>SULPHURIC ACID PLANT          Designed, Erected, and Worked.</p> <p>Dearsenicating Plant.</p> <p><b>DAVIS BROS.,</b>          66 Deansgate,          MANCHESTER,          and 265 Strand, London, W.C.</p>	<p>Gas washers and plant for chemical works.</p>
<p>Davison and Partner Ltd. (1921)</p>	<p>11 Carteret Street, Westminster, England.</p>	<p><b>WATER GAS PLANTS</b></p>  <p>SOLE AGENTS FOR          BRIT. PATENT No. 153051.  <b>DAVISON &amp; PARTNER, LTD.</b>          11 CARTERET STREET, WESTMINSTER, S.W.1.</p> <p>Telephone: Victoria 7856. Telegrams: "Sagretaw, Vic., London."</p> <p>AUTOMATIC WATER GAS GENERATOR STEAM GOVERNOR.</p> <p>CARBURETTED OR BLUE.          WASTE HEAT BOILERS.</p>	<p>Water gas plant and waste heat boilers.</p>

<p>Dellwick Fleisher Water Gas Syndicate. (1901)</p>	<p>25 Victoria Street, London, England.</p>	<p>THE . . . <b>DELLWIK-FLEISCHER</b> WATER-GAS PROCESS FOR <u>Increasing the Capacity of Coal-Gas Works</u> ALSO FOR <u>Incandescient Lighting and</u> <u>Manufacturing Purposes.</u> (Patents in all countries.) Plants contracted for within the last Eighteen Months for the following Gas-Works:- IN ENGLAND: West Bromwich. ON THE CONTINENT: Königsberg Iserlohn Lyons Brummen* Erfurt Remscheid Pfortsheim Osterfeld* Plauen Barmen-Rittershausen Nuremberg Warstein* Wiborg* * Blue Water-Gas with Incandescent Burners. Also Thirty Installations for Manufacturing Purposes. <b>THE DELLWIK-FLEISCHER WATER-GAS</b> SYNDICATE, 25, VICTORIA STREET, WESTMINSTER, LONDON, S.W.</p>	<p>Water Gas Plant.</p>
<p>Robert Dempster &amp; Sons Ltd. (1949)</p>	<p>Rose Mount Iron Works, Elland Yorkshire, England.</p>	 <p>1855 - 1949</p> <p>In congratulating the 'Gas Journal' upon its centenary, DEMPSTER of ELLAND take some pride in the knowledge that the firm is within a few years of achieving similar distinction.</p> <p>It is a fitting opportunity for those who have followed in the steps of Robert Dempster to pay tribute to the founder of the firm, who perhaps 'builded better than he knew.'</p> <p>From a billhead of around 1850 we reproduce an impression of Rose Mount Works as it then was. Below is a recent photograph of part of the present Works.</p> <p>In 1855 Robert Dempster set a standard and founded a tradition. This heritage Robert Dempster &amp; Sons Ltd. have striven faithfully to merit.</p> <p><b>ROBERT DEMPSTER &amp; SONS LTD</b> ELLAND - YORKS London Office: 57 TUFTON STREET, SW1</p>	<p>Gasholders and all types of gas plant.</p>




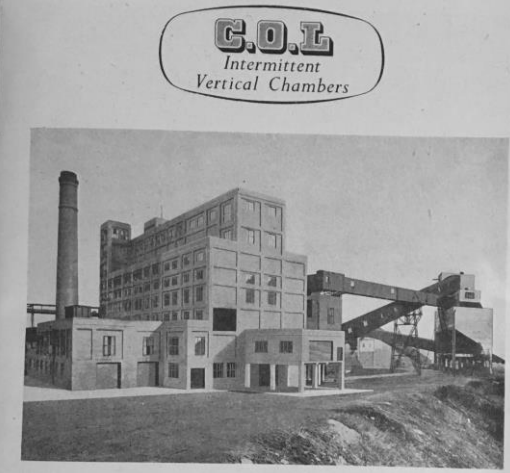
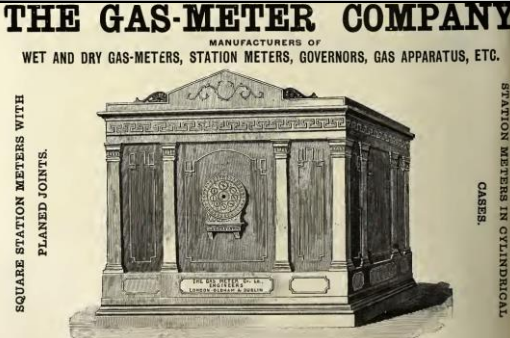
<p>R&amp;J Dempster (1949)</p>	<p>Newton Heath, Manchester, England.</p>	 <p>Overhead Purifiers with Transporters and Quide Handling Plant</p> <p>Rotary Washers</p> <p>Our scientific and technical resources are at your service, and if you require any Gas Works Plant noted on these pages please remember . . .</p> <p><b>DEMPSTERS of MANCHESTER CAN MAKE IT!</b></p> <p>Spirally-guided Gas-holders and Steel Tanks</p> <p>Stills and Tanks</p> <p>Electro-Deterrers and Condensers</p> <p><b>PIONEERS of the</b> spirally-guided Gas-holder, Waterless (M.A.N.) Gas-holder and other Plant used by the Gas Industry</p> <p><i>R. and J.</i> <b>DEMPSTER</b> <i>Ltd.</i></p> <p><b>SPECIALISTS</b> IN THE DESIGN, MANUFACTURE AND ERECTION OF: BY-PRODUCT PLANT CONDENSERS ELECTRO-DETRARRERS GASHOLDERS PURIFIERS STILLS AND TANKS WASHERS WATER GAS AND HYDROGEN PLANT AND OTHER TYPES OF GAS AND CHEMICAL PLANT</p> <p>CONSTRUCTIONAL GAS AND CHEMICAL ENGINEERS GAS PLANT WORKS, NEWTON HEATH, MANCHESTER, 10 PHONE: COLLTHURST 3554-54 LONDON OFFICE: 34 VICTORIA STREET, S.W.1. WIRE: SCRUBBER, MANCHESTER PHONE: ABBEY 403 WIRE: SCRUBBER, SCHWEEZ</p>	<p>Gasholders and all types of gas plant.</p>
<p>Bryan Donkin (1949)</p>	<p>Chesterfield, Derbyshire, England</p>	 <p><b>- Est 1803 -</b> <b>over 100 years service to the GAS INDUSTRY</b></p> <p><b>THE BRYAN DONKIN CO. LTD.</b></p> <p>The name of <b>BRYAN DONKIN</b> has been associated with the Gas Industry for over 100 years. Its unrivalled experience and knowledge has made it the most modern and reliable source of gas plant in the world. It is the source of Gas Industry's equipment. For the purposes of our advertisement this industry is divided into three main groups: (1) reliable plant regularly installed by the Gas Industry; (2) plant for special applications, but reliable.</p> <p>These include: Gas Exhausting Plant Purifiers Compressors Rotary and Fan Blowers Refrigerating Gas Compressors High Speed Multi-Stage Blowers Gas Holders and Service Gas-holders Blowers Steel and Cast Iron Cut-off Valves Gate Valves Gas Traps (single and double) and many other items Specialty Pump Centrifugal Pump Lubrication Pump Lubricity is our aim and reward.</p> <p>Fig. 228. Patent Turbine Gas Exhausters</p> <p>Fig. 244. Double-ported Valve</p> <p>Fig. 250. Gas Exhauster with Steam Engine</p> <p>Fig. 252. Reciprocating Compressor</p> <p>Fig. 253A. Service Regulator</p> <p>Fig. 257A. Service Regulator</p> <p>Fig. 253. Service Regulator</p> <p>Fig. 255. Safety Control Valve</p> <p><b>PRODUCTIONS</b> <i>by</i> <b>BD</b> <b>MAKERS OF</b> <b>COMPRESSORS - EXHAUSTERS - VALVES - GOVERNORS - PUMPS</b> <b>CHESTERFIELD ENGLAND</b></p>	<p>Exhausters, blowers, compressors, pumps and regulators/governors.</p>

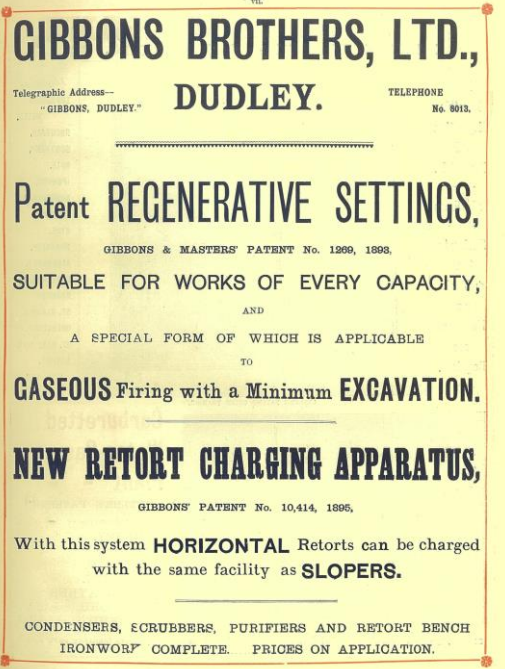
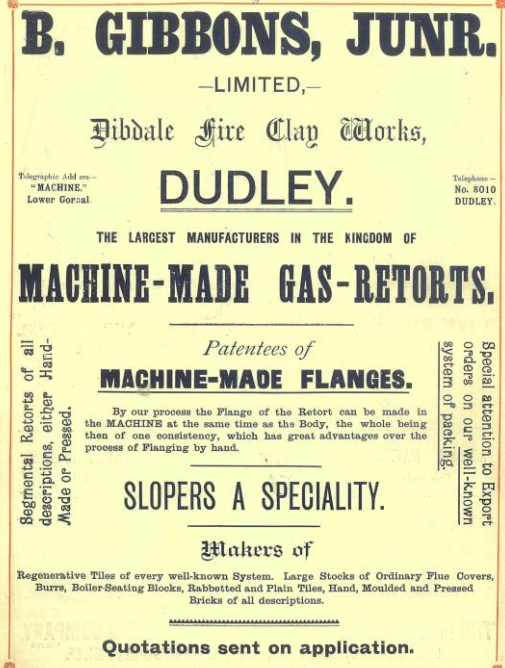
<p>Drakes Ltd (1921)</p>	<p>Halifax, Yorkshire, England.</p>		<p>All types of Gas Plant.</p>																																				
<p>Economical Gas Apparatus Construction Co. Ltd (1898)</p>	<p>Abingdon Street, London, England.</p>	 <p><b>Carburetted Water-Gas Apparatus</b> MERRIFIELD-WESTCOTT-PEARSON PATENTS.</p> <p>THE Economical Gas Apparatus Construction Co. Ltd.</p> <p>W. H. PEARSON, Chairman. W. H. PEARSON, Chief-Engineer. J. T. WESTCOTT, M.E., Manager. L. L. MERRIFIELD, M.A.S.M.E., Engineer.</p> <p>London Office: 19, ABINGDON STREET, WEST- MINSTER, S.W.</p> <p>American Office: TORONTO.</p> <p>Telegraphic Address: "CARBURETTED, LONDON." "Carburetted Water- Gas engineers."</p> <p>Let's carburetted water-gas apparatus, REMODELLED-FABRIQUE-GRANDS SETTING.</p> <p>The above Company have erected during the last four and a half years, or are now erecting, their <b>UNIVERSAL TYPE OF CARBURETTED WATER-GAS PLANTS</b> At the following Gas Works—</p> <p><b>ENGLAND.</b></p> <table border="1"> <tr> <td>BLACKBURN</td> <td>...</td> <td>1,250,000</td> <td>Cubic Feet Daily Capacity.</td> </tr> <tr> <td>SALFLEY WORKS, BIRMINGHAM</td> <td>...</td> <td>2,000,000</td> <td>"</td> </tr> <tr> <td>WINDSOR STREET WORKS, BIRMINGHAM</td> <td>...</td> <td>2,000,000</td> <td>"</td> </tr> <tr> <td>COLCHESTER</td> <td>...</td> <td>300,000</td> <td>"</td> </tr> <tr> <td>BIRKENHEAD</td> <td>...</td> <td>2,250,000</td> <td>"</td> </tr> <tr> <td>SWINDON (New Swindon Gas Co.)</td> <td>...</td> <td>150,000</td> <td>"</td> </tr> <tr> <td>SALFLEY WORKS, BIRMINGHAM (Second Contract)</td> <td>...</td> <td>2,000,000</td> <td>"</td> </tr> <tr> <td>WINDSOR STREET WORKS, BIRMINGHAM</td> <td>...</td> <td>2,000,000</td> <td>"</td> </tr> <tr> <td>HALIFAX</td> <td>...</td> <td>1,000,000</td> <td>"</td> </tr> </table> <p><b>AMERICA.</b></p> <p>Toronto. One New Set. Ottawa. One New Set. Toronto. (Second Contract)—Improving Four Double Superheater Settings. Lindsay. Remodelling Plant. Montreal. Two New Sets and other parts of Plant. Belleville. One "Springer" Setting re-modelled with M.W.P. Patent. Ottawa. (Second Contract)—One New Set. Brantford. Additional Improvements to existing Setting.</p> <p>St. Catharines. Additional Improvements to existing Setting. Kingston, Pa. One New Set and other parts of Works, including New Purifiers and Gas Holder. Peterborough. One Set and re-modelling Works. Wilkesbarre, Pa. Two New Sets and other parts of Plant. St. Catharines. (Second Contract)—One New Set and Gas Holder. Brantford. (Second Contract)—One New Gas Holder.</p> <p>N.B.—The M.-P.-W. Plant is built under penalty to manufacture Gas on less raw material than any other Plant on the Market. All enquiries to be addressed to the Company's Office, London, December, 1897.</p>	BLACKBURN	...	1,250,000	Cubic Feet Daily Capacity.	SALFLEY WORKS, BIRMINGHAM	...	2,000,000	"	WINDSOR STREET WORKS, BIRMINGHAM	...	2,000,000	"	COLCHESTER	...	300,000	"	BIRKENHEAD	...	2,250,000	"	SWINDON (New Swindon Gas Co.)	...	150,000	"	SALFLEY WORKS, BIRMINGHAM (Second Contract)	...	2,000,000	"	WINDSOR STREET WORKS, BIRMINGHAM	...	2,000,000	"	HALIFAX	...	1,000,000	"	<p>Water gas plant.</p>
BLACKBURN	...	1,250,000	Cubic Feet Daily Capacity.																																				
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<p>J. Edmundson and Co.</p>	<p>1 &amp; 2 Great Winchester Street Buildings, Old Broad Street, London, England. The Company was based in Dublin and this was the English office.</p>	 <p><b>J. EDMUNDSON &amp; CO.'S GAS APPARATUS</b> FOR NOBLEMEN'S MANSIONS, COUNTRY RESIDENCES, COLLEGES, COUNTY SCHOOLS, VILLAGES, RAILWAY STATIONS, &amp;c. &amp;c.</p> <p>LONDON ADDRESS: 1 &amp; 2 GREAT WINCHESTER STREET BUILDINGS, OLD BROAD STREET, LONDON, E.C.</p> <p>DUBLIN ADDRESS: 83 to 85 CAPTAIN STREET, DUBLIN.</p> <p>The success of J. Edmundson &amp; Co.'s Works is now so well known, so great a number being erected every year in the United Kingdom, that it would be superfluous to say more than that their chief characteristics are:— THE GREAT SIMPLICITY OF THE WORKS;   THE PURITY OF THE GAS; THE BRILLIANCY OF THE LIGHT;   THE ECONOMY OF THE BURNING.</p>	<p>Complete works for private establishments and light houses in Ireland.</p>																																				

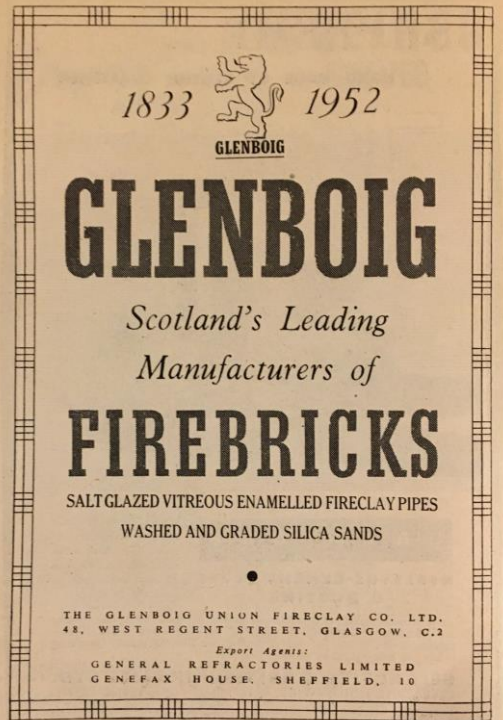

<p>Electrolux Ltd (1949)</p>	<p>Luton, Bedfordshire, England</p>		<p>Gas refrigerators.</p>
<p>Joseph Evans &amp; Sons. (1949)</p>	<p>Wolverhampton, England.</p>		<p>Pumps.</p>

<p>Falk, Stadelmann &amp; Co. Ltd. (1949)</p>	<p>Veritas House, 91 Farringdon Rd, London, England.</p>		<p>Gas mantles.</p>
<p>Firth Blakeley Son &amp; Co Ltd. (1949)</p>	<p>Vulcan Iron Works, Church Fenton, Nr Leeds, England.</p>		<p>Gasholders, tanks, purifiers, condensers, washers, scrubbers and other plant.</p>

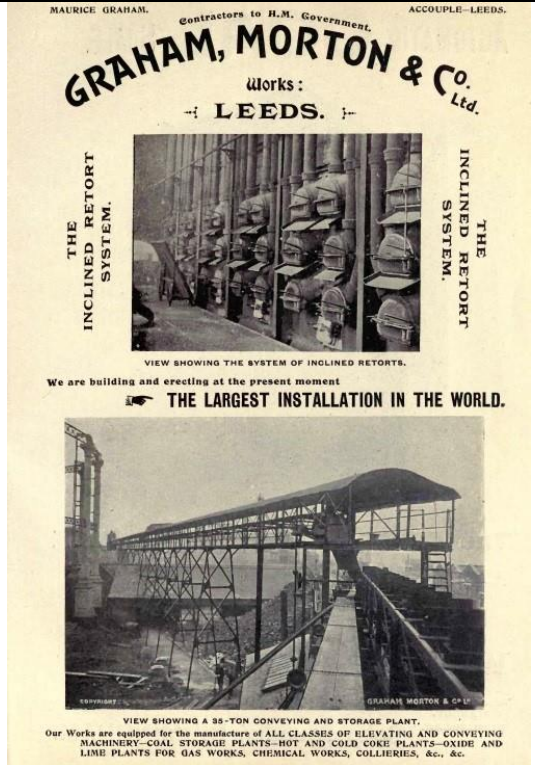

<p>Flavels (1952)</p>	<p>Leamington, England</p>		<p>Gas stoves/cookers.</p>
<p>Fletcher, Russell &amp; Co. (1901)</p>	<p>Warrington, Manchester, Liverpool &amp; London.</p>		<p>Gas cookers, gas ovens, gas water heaters, boilers, furnaces.</p>

<p>Gas Chamber and Coke Ovens Ltd. (1952)</p>	<p>Chandos House, Buckingham Gate, Westminster, London, England.</p>	 <p><b>C.O.L.</b> Intermittent Vertical Chambers</p> <p>A photographic impression of the extended C.O.L. Intermittent Vertical Chamber installation at the West Egerton Works of the Salford Undertaking, North Western Gas Board.</p> <p><b>GAS CHAMBERS &amp; COKE OVENS LTD.</b> Engineers and Contractors CHANDOS HOUSE, BUCKINGHAM GATE, WESTMINSTER, LONDON, S.W.1 Telephone: ABBEY 6912</p>	<p>Intermittent Vertical Chambers and Coke ovens.</p>
<p>The Gas Meter Company. (1900)</p>	<p>238 Kingsland Road, London, Union Street Oldham, Hanover street, Dublin, Atkinson Street, Manchester.</p>	 <p><b>THE GAS-METER COMPANY,</b> MANUFACTURERS OF WET AND DRY GAS-METERS, STATION METERS, GOVERNORS, GAS APPARATUS, ETC.</p> <p>SQUARE STATION METERS WITH PLATED JOINTS.</p> <p>STATION METERS IN CYLINDRICAL CASES.</p> <p>DESIGN No. 1 PATTERN. STATION METERS MADE AT THE COMPANY'S WORKS, OLDHAM (Lanc. West. &amp; Oldham), Established 1852. For Prices and Particulars apply <b>F. W. CURRIE, Secretary.</b> Works: 238, KINGSLAND ROAD, LONDON; UNION STREET, OLDHAM; HANOVER STREET, DUBLIN. 18, ATKINSON STREET, DEANSGATE, MANCHESTER. Telegraphic Addresses: "METER LONDON," "METER OLDHAM," "METER DUBLIN," "METER MANCHESTER." Telephone Nos.: 28 Dalton (Nat.); 360 Oldham (Nat.); 1995 Dublin (Nat.); 2918 Manchester (Nat.). Agents for Scotland: THOS. WATSON, 24, St. Andrew Square, EDINBURGH.</p>	<p>Gas meters, station meters, governors and gas apparatus.</p>

<p>Gibbons Brothers Ltd (1898)</p>	<p>Dudley, England.</p>	 <p><b>GIBBONS BROTHERS, LTD.,</b> DUDLEY.</p> <p>Patent <b>REGENERATIVE SETTINGS,</b> GIBBONS &amp; MASTERS' PATENT No. 1269, 1893. SUITABLE FOR WORKS OF EVERY CAPACITY, AND A SPECIAL FORM OF WHICH IS APPLICABLE TO <b>CASEOUS Firing with a Minimum EXCAVATION.</b></p> <p><b>NEW RETORT CHARGING APPARATUS,</b> GIBBONS' PATENT No. 10,414, 1895.</p> <p>With this system <b>HORIZONTAL</b> Retorts can be charged with the same facility as <b>SLOPERS.</b></p> <p>CONDENSERS, SCRUBBERS, PURIFIERS AND RETORT BENCH IRONWORK COMPLETE. PRICES ON APPLICATION.</p>	<p>All types of retort plant and purification equipment.</p>
<p>B. Gibbons Junr. (1898)</p>	<p>Dibdale works, Dudley, England.</p>	 <p><b>B. GIBBONS, JUNR.</b> —LIMITED,— Dibdale Fire Clay Works, DUDLEY.</p> <p>THE LARGEST MANUFACTURERS IN THE KINGDOM OF <b>MACHINE-MADE GAS-RETORTS.</b></p> <p>Patentees of <b>MACHINE-MADE FLANGES.</b></p> <p>By our process the Flange of the Retort can be made in the MACHINE at the same time as the Body, the whole being then of one consistency, which has great advantages over the process of Flanging by hand.</p> <p><b>SLOPERS A SPECIALITY.</b></p> <p>Makers of Regenerative Tiles of every well-known System. Large Stocks of Ordinary Flue Covers, Burrs, Boiler-Seating Blocks, Rabbeted and Plain Tiles, Hand, Moulded and Pressed Bricks of all descriptions.</p> <p>Quotations sent on application.</p> <p>Special attention to Export orders on our well-known system of packing.</p> <p>Segmental Retorts of all descriptions, either Hand-Made or Pressed.</p>	<p>Retorts, tiles, firebricks.</p>

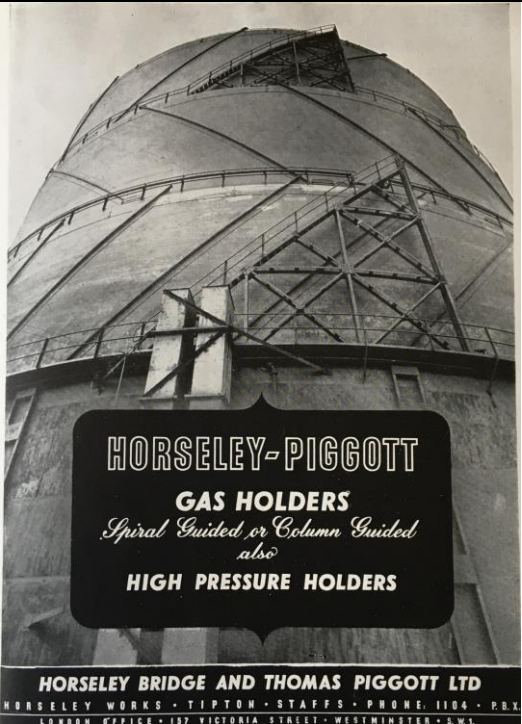

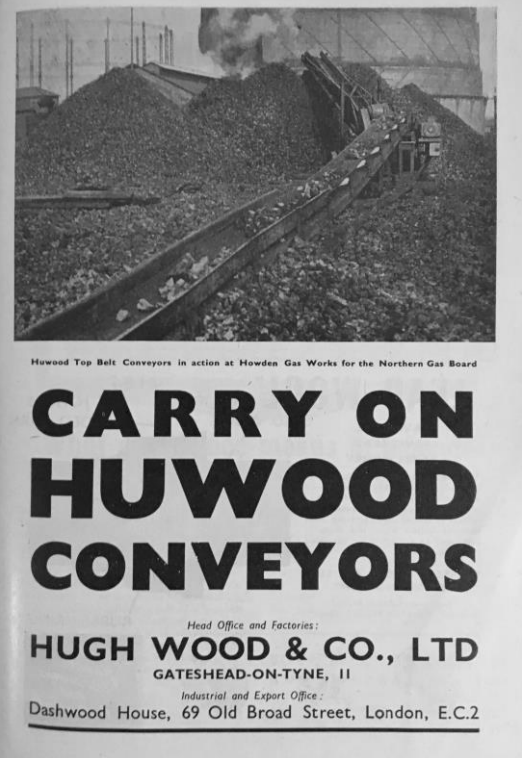
<p>Glenboig Union Fireclay Co. Ltd (1952)</p>	<p>48 West Regent Street, Glasgow Scotland and Genefax House, Sheffield, England.</p>		<p>Firebricks, fireclay pipes and silica sands.</p>
<p>Thomas Glover and Co. Ltd.</p>	<p>Angel Road, Edmonton, London, England.</p>		<p>Gas meters.</p>

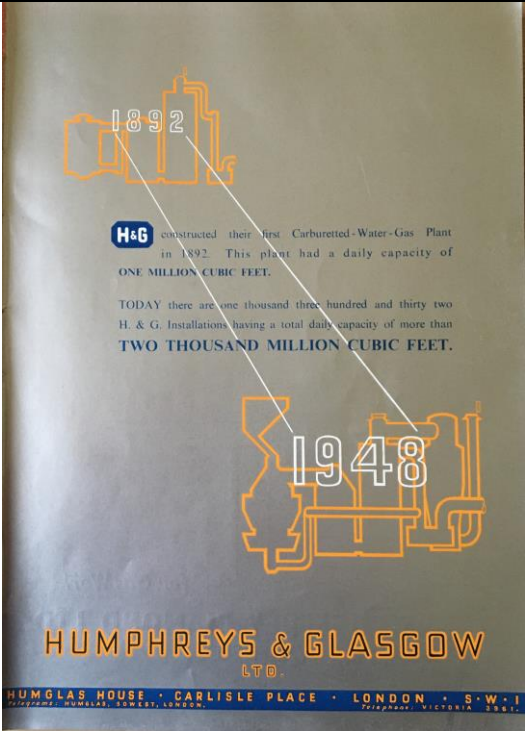
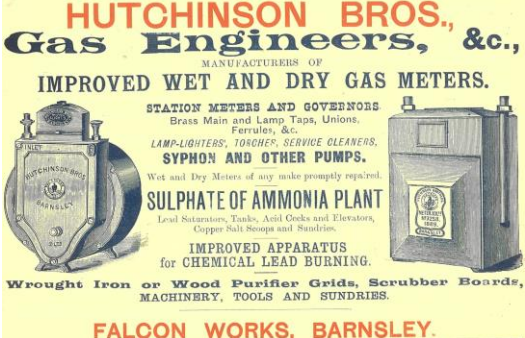
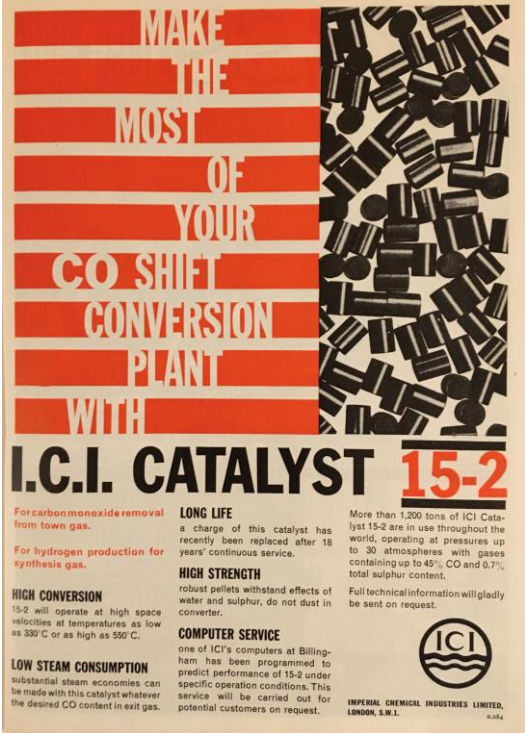





<p>Graham, Morton and Company (1901).</p>	<p>Leeds, Yorkshire, England.</p>		<p>Inclined retorts, elevating &amp; conveying machinery, coal storage, coke plant, purifying plant.</p>
<p>Hanna, Donald &amp; Wilson.</p>	<p>Abercorn Foundry and Abbey Works Paisley, Scotland.</p>		<p>Gasholders and other gas plant.</p>
<p>Harris and Pearson.</p>	<p>Stourbridge, England.</p>		<p>Gas Retorts, firebricks, retort mouthpieces and pipes.</p>

<p>J. Hawley &amp; Sons Ltd</p>	<p>Grid Works, Penistone, Yorkshire, England.</p>		<p>Wood grids for purifiers, washers and scrubbers.</p>
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<p>W.C. Holmes. (1898 &amp; 1952)</p>	<p>Huddersfield, Yorkshire, England.</p>		<p>All types of Gas Plant.</p>
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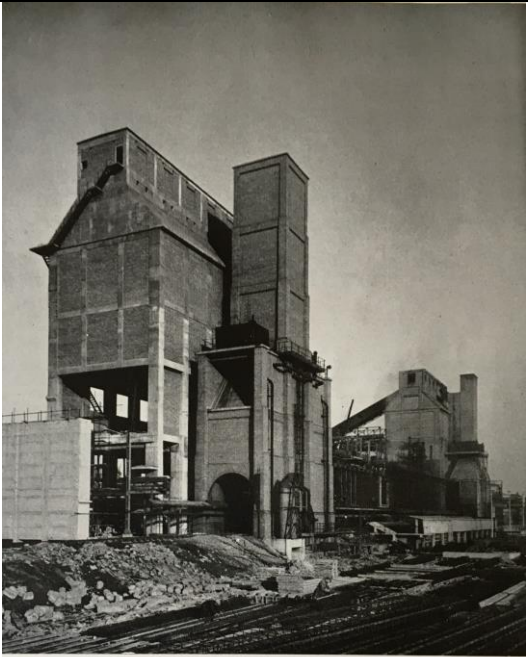


<p>Horseley Bridge/ Horseley Group/ Horseley-Piggott (1949)</p>	<p>Horseley Works, Dudley Port, Tipton, Staffordshire, England.</p>		<p>Gasholders and all types of gas plant.</p>
<p>Daniel Howard (1898).</p>	<p>West Bromwich, England.</p>		<p>Gasholders and boilers.</p>
<p>Hugh Wood &amp; Co Ltd (1952)</p>	<p>Gateshead, Co. Durham, England &amp; Dashwood House, 69 Old Broad St., London, England.</p>		<p>Conveyors.</p>

<p>Humphreys and Glasgow. (1949)</p>	<p>Victoria Street, London. Humglas House, Carlisle Place, London, England.</p>	 <p>1892</p> <p><b>H&amp;G</b> constructed their first Carburetted-Water-Gas Plant in 1892. This plant had a daily capacity of ONE MILLION CUBIC FEET.</p> <p>TODAY there are one thousand three hundred and thirty two H. &amp; G. Installations having a total daily capacity of more than TWO THOUSAND MILLION CUBIC FEET.</p> <p>1948</p> <p><b>HUMPHREYS &amp; GLASGOW</b> LTD.</p> <p>HUMGLAS HOUSE • CARLISLE PLACE • LONDON • S.W.1 Telephone: VICTORIA 2361.</p>	<p>Water gas plant.</p>
<p>Hutchinson Brothers (1898).</p>	<p>Falcon Works, Barnsley.</p>	 <p><b>HUTCHINSON BROS., &amp;c.,</b> Gas Engineers, &amp;c., MANUFACTURERS OF IMPROVED WET AND DRY GAS METERS.</p> <p>STATION METERS AND GOVERNORS Brass Main and Lamp Taps, Unions, Fittings, &amp;c.</p> <p>LAMP-LIGHTERS, TORCHES, SERVICE CLEANERS, SYPHON AND OTHER PUMPS.</p> <p>Wet and Dry Meters of any make promptly repaired.</p> <p>SULPHATE OF AMMONIA PLANT Lead Saturators, Tanks, Acid Cocks and Elevators, Copper Salt Scoops and Sandries.</p> <p>IMPROVED APPARATUS for CHEMICAL LEAD BURNING.</p> <p>Wrought Iron or Wood Purifier Grids, Scrubber Boards, MACHINERY, TOOLS AND SUNDRIES.</p> <p><b>FALCON WORKS, BARNSELEY.</b></p>	<p>Gas meters, pumps and chemical plant.</p>
<p>Imperial Chemical Industries (1963)</p>	<p>London</p>	 <p>MAKE THE MOST OF YOUR CO SHIFT CONVERSION PLANT WITH</p> <p><b>I.C.I. CATALYST 15-2</b></p> <p><b>For carbon monoxide removal from town gas.</b></p> <p><b>For hydrogen production for synthesis gas.</b></p> <p><b>HIGH CONVERSION</b> 15-2 will operate at high space velocities at temperatures as low as 300°C or as high as 550°C.</p> <p><b>LOW STEAM CONSUMPTION</b> substantial steam economies can be made with this catalyst whatever the desired CO content in exit gas.</p> <p><b>LONG LIFE</b> a charge of this catalyst has recently been replaced after 18 years' continuous service.</p> <p><b>HIGH STRENGTH</b> robust pellets withstand effects of water and sulphur, do not dust in converter.</p> <p><b>COMPUTER SERVICE</b> one of ICI's computers at Billingham has been programmed to predict performance of 15-2 under specific operation conditions. This service will be carried out for potential customers on request.</p> <p>More than 1,200 tons of ICI Catalyst 15-2 are in use throughout the world, operating at pressures up to 30 atmospheres with gases containing up to 45% CO and 0.7% total sulphur content.</p> <p>Full technical information will gladly be sent on request.</p> <p><b>ICI</b></p> <p>IMPERIAL CHEMICAL INDUSTRIES LIMITED, LONDON, E.W.1.</p>	<p>Gas reforming plant and catalyst.</p>

<p>International Furnace Equipment Co. Ltd</p>	<p>Aldridge, Staffordshire</p>		<p>Benzo-gas plants</p>
<p>Jeavons Co. Ltd. (c1950)</p>	<p>Tipton, Staffs</p>		<p>Mains laying.</p>
<p>W. J. Jenkins &amp; Co. Ltd (1949)</p>	<p>Retford Nottinghamshi re, England.</p>		<p>Stoking machines, mechanical handling plant, Horizontal retorts, intermittent vertical retort plant.</p>

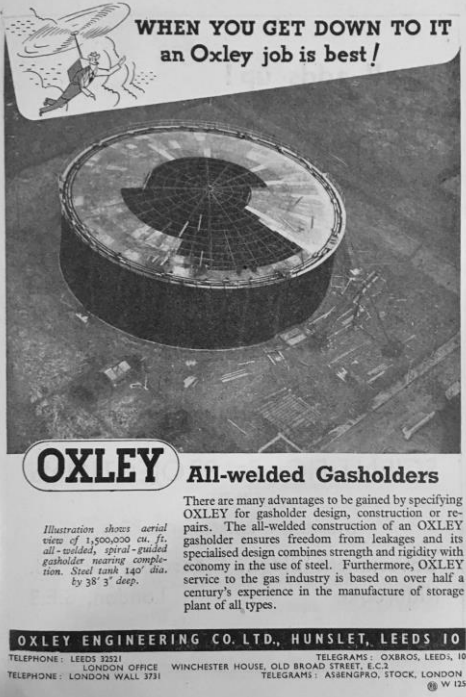




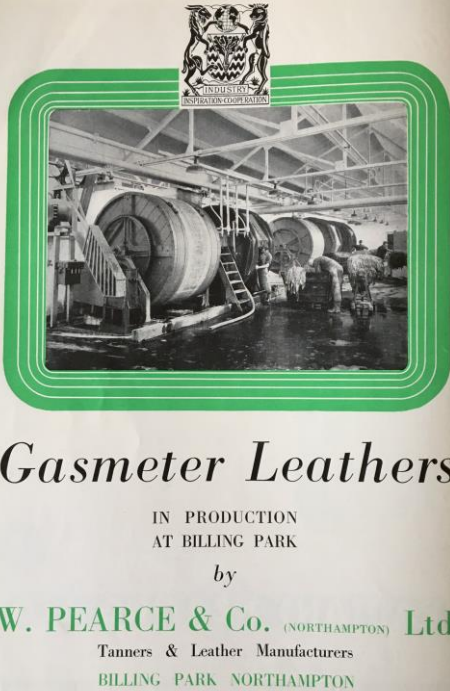
<p>Augustus Klönne (c1900)</p>	<p>Dortmund, Germany.</p>		<p>All types of Gas plant.</p>
<p>Leech Goodall &amp; Co. (1912)</p>	<p>Leeds, Yorkshire, England</p>		<p>Retorts benches, coal and coke handling plants, conveyors, elevators, roofs, bunkers, breakers and hoists.</p>
<p>The Leeds Fireclay Company Ltd. (c1910)</p>	<p>Wortley, Leeds, Yorkshire, England.</p>		<p>Retorts, brick, retort settings, roofs, elevators, conveyors and Ironwork.</p>

<p>Peter Lind &amp; Co Ltd. (1949)</p>	<p>Stratton House, Piccadilly, London, England.</p>	 <p>REINFORCED CONCRETE STRUCTURES DESIGNED AND BUILT FOR THE <b>WOODALL-DUCKHAM COMPANY</b> AT BECKTON GAS WORKS</p> <p><b>PETER LIND &amp; CO LTD</b> STRATTON HOUSE, PICCADILLY, LONDON W.1 TELEPHONE: GROSVENOR 4601</p>	<p>Reinforced concrete structures.</p>
<p>R &amp; A Main Ltd. (1910)</p>	<p>Gothic Works, Edmonton, England, Gothic Works, Birmingham, England, Gothic Ironworks, Falkirk, Scotland.</p>	 <p><b>The MAIN D.S.O. Fires</b></p> <p>"DEPENDABLE" (Balanced Type)      "SYMMETRICAL" (Balanced Type)      "ORIGINAL" (Balanced Type)</p> <p>The New Booklet contains particulars of Four different types. Copies of the Booklet free on application.</p> <p><b>R. &amp; A. MAIN, LIMITED.</b></p> <p><small>WORKS: Gothic Works, EDMONTON, N.; Gothic Ironworks, FALKIRK; and Gothic Works, BIRMINGHAM. SHOW-ROOMS AND BRANCHES: 25, Princes Street, Oxford Circus, W.; 120, Renfield Street, GLASGOW; 83, Old Market Street, BRISTOL; 15, Severn Street, Deansgate, MANCHESTER; 97, Millfield, BELFAST; 333, Queen Street, MELBOURNE; and 12, Cunningham Lane, Pitt Street, SYDNEY, N.S.W.</small></p>	<p>Gas fires and appliances.</p>
<p>Mechan and Sons also known as Mechans Limited (C.1930)</p>	<p>Scotstoun Ironworks Glasgow, Scotland.</p>	 <p>GASHOLDERS ANY CAPACITY</p> <p>GAS MAINS RIVETTED OR ELECTRICALLY WELDED</p> <p>STORAGE TANKS OF ALL SIZES</p> <p>PURIFIERS</p> <p>5,000,000 CUBIC FEET GASHOLDER</p> <p><b>MECHANS LIMITED</b></p> <p>SCOTSTOUN IRONWORKS, GLASGOW — 10 PRINCES ST., LONDON, S.W.</p> <p>STEEL BUNKERS STEEL CHIMNEYS CONVEYORS AND ELEVATORS ROTARY SCREENS STEEL KINDS OF ALL WORK</p>	<p>Gasholders, gas plant and general engineers.</p>

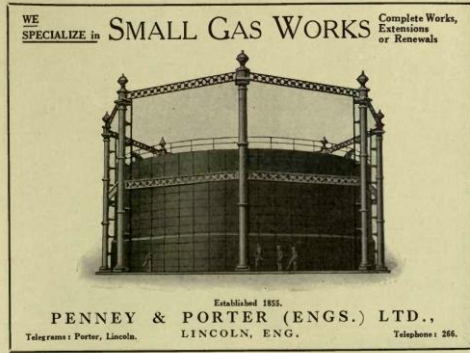
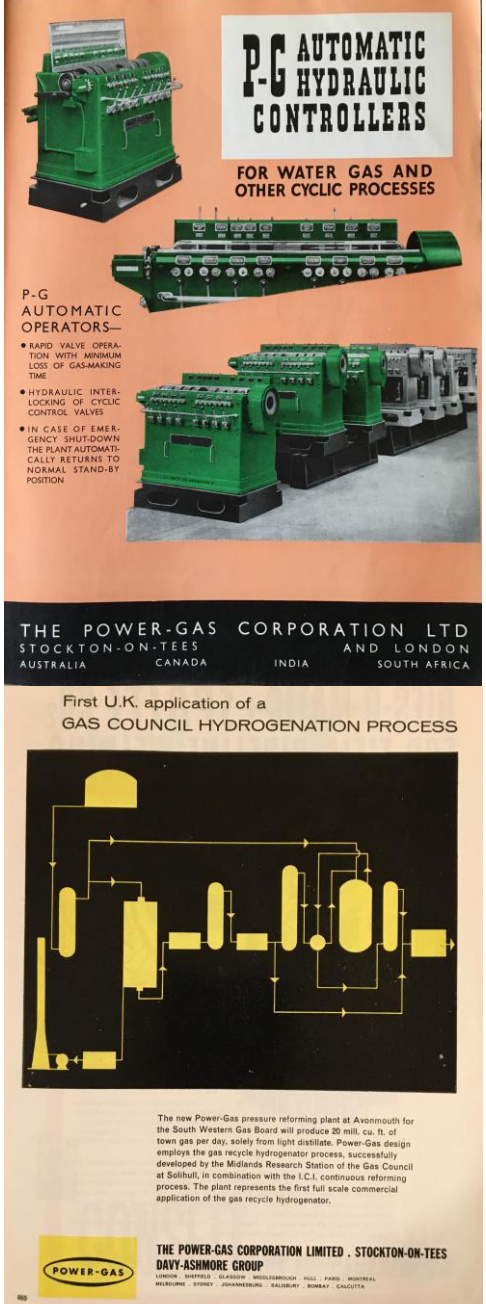


<p>Meltham Silica Firebricks Co. Ltd. (1952)</p>	<p>Meltham, Huddersfield, Yorkshire England.</p>		<p>Silica shapes and bricks.</p>
<p>New World (Radiation Group). (1952).</p>	<p>Radiation House, Aston, Birmingham, England &amp; 7 Stratford Place, London, England.</p>		<p>Cookers.</p>
<p>Newton Chambers (1952).</p>	<p>Thorncliffe, Nr Sheffield, England.</p>		<p>All types of Gas Plant.</p>


<p>Oxley Eng. Co. Ltd. (1952)</p>	<p>Hunslet, Leeds, England.</p>	 <p><b>WHEN YOU GET DOWN TO IT an Oxley job is best!</b></p> <p><b>OXLEY All-welded Gasholders</b></p> <p>There are many advantages to be gained by specifying OXLEY for gasholder design, construction or repairs. The all-welded construction of an OXLEY gasholder ensures freedom from leakages and its specialised design combines strength and rigidity with economy in the use of steel. Furthermore, OXLEY service to the gas industry is based on over half a century's experience in the manufacture of storage plant of all types.</p> <p><b>OXLEY ENGINEERING CO. LTD., HUNSLET, LEEDS 10</b></p> <p>TELEPHONE: LEEDS 3321      LONDON OFFICE: WINCHESTER HOUSE, OLD BROAD STREET, E.C.3      TELEGRAMS: OXBROS, LEEDS, 10 TELEPHONE: LONDON WALL 3731      TELEGRAMS: ASBENGPRO, STOCK, LONDON</p>	<p>Gasholders.</p>
<p>The Parkinson Stove Company Ltd.(1952)</p>	<p>Birmingham, England.</p>	 <p><b>PROOF OF THE PUDDING—OR APPLE PIE</b> —they say, is in the eating. Good cooking means more than a clever cook, it needs a good cooker as well. Even the favourite apple pie looks and tastes better when cooked in a Parkinson Gas Cooker.</p> <p><b>“by PARKINSON that IS good cooking”</b></p> <p>THE PARKINSON STOVE COMPANY LIMITED, BIRMINGHAM</p>	<p>Cookers.</p>
<p>Parkinson and Cowan. (c1900)</p>	<p>Cottage Lane, London, England. Bell Barn Road, Birmingham, England. Hills Street, Belfast, Northern Ireland.</p>	 <p><b>PARKINSON'S STATION METERS</b></p> <p>ALL SIZES UP TO <b>300,000 PER HOUR.</b></p> <p>PARKINSON AND W. &amp; B. COWAN, LTD. (Parkinson Branch) COTTAGE LANE, COTTAGE ROAD, LONDON. BELL BARN ROAD, BIRMINGHAM.      HILLS STREET, BELFAST.</p>	<p>Gas meters and Station Meters</p>



<p>W. Pearce &amp; Co.</p>	<p>Billing Park, Northampton, England.</p>	 <p><i>Gasmeter Leathers</i></p> <p>IN PRODUCTION AT BILLING PARK</p> <p>by <b>W. PEARCE &amp; Co. (NORTHAMPTON) Ltd.</b> Tanners &amp; Leather Manufacturers BILLING PARK NORTHAMPTON</p>	<p>Gas meter leathers.</p>
<p>E.J. &amp; J Pearson Ltd. (c1901).</p>	<p>Stourbridge, Worcestershire, England</p>	<p><b>REGENERATIVE RETORT SETTINGS</b></p> <p>OF OUR LATEST TYPE</p> <p>Embody the following features :—</p> <p><b>Low</b> First cost.</p> <p><b>High</b> Working Efficiency.</p> <p><b>Instant</b> Inspection of all Flues from the front of setting.</p> <p><b>Guaranteed</b> Refractory Standard of Fireclay Materials.</p> <p>Plans and specifications prepared, and complete erection of works undertaken.</p> <p><b>E. J. &amp; J. PEARSON, Ltd.</b> Firebrick and Retort Works, <b>STOURBRIDGE.</b> Telegrams : "FIREBRICK STOURBRIDGE."</p>	<p>Firebricks and retort settings.</p>

<p>Peckett and Sons. (1952)</p>	<p>Atlas Works, Bristol, England.</p>		<p>Industrial Locomotives.</p>
<p>Peebles &amp; Co Ltd</p>	<p>Tay Works, Bonnington, Edinburgh, Scotland.</p>		<p>Gas Governors and meters.</p>
<p>Perry &amp; Co. (Bow) Ltd</p>	<p>Tredegar Works, Bow, London, England.</p>		<p>Perry mixed gas-water gas plants.</p>

<p>Porter and Company or Penney and Porter.</p>	<p>Lincoln, England.</p>		<p>All types of Gas plant and small gasworks in particular.</p>
<p>The Power Gas Corporation Ltd (1949 &amp; 1963)</p>	<p>Stockton on Tees, Co. Durham, England.</p>		<p>Water gas plants, controllers and gas reforming plant</p>

<p>William Press &amp; Son Ltd.</p>	<p>22 Queen Anne's Gate, London, England &amp; Willoughby Lane, Tottenham, London, England</p>	 <p><b>PRESS</b> 1913 → 1963</p> <p>Back in the days when the motor car was still something of a novelty, William Press &amp; Son was founded. Now, fifty years later, the organisation has expanded into an important group of companies equipped with the most modern plant to tackle every aspect of civil and mechanical engineering, pipeline construction, industrial pipework, pipe fabrication and all ancillary services for pipe testing and maintenance. Operating from 15 depots strategically placed throughout Britain, PRESS are justifiably proud of their achievements and of the service they offer.</p> <p><b>WILLIAM PRESS AND SON LIMITED</b></p> <p>22 Queen Anne's Gate, London, S.W.1. Telephone: 8810 (4 lines) Willoughby Lane, Tottenham, N.17. Telephone: 10 Tottenham 3666</p> <p>Telegrams: Totpress, London. Telex No. 23397</p>	<p>Gas mains laying.</p>
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<p>Reavell and Company (1916)</p>	<p>Ipswich, Suffolk, England.</p>	 <p>Portable Oil Engine Driven Air ... Compressor Set for Breaking up Roadways with Pneumatic Picks for Laying Gas Mains, and for Caulking and Testing Pipe Lines. ....</p> <p><b>COMPRESSORS AND EXHAUSTERS</b> FOR AIR OR GAS</p> <p>Including TURBO COMPRESSORS for dealing with large volumes.</p> <p>For full particulars write to Department "Z,"</p> <p><b>REAVELL &amp; Co., LTD.,</b> RANELAGH WORKS, IPSWICH.</p> <p>One of Two Steam Driven Turbo Compressors, capable of Delivering 3,000,000 Cu. Ft. of Gas per Hour against a Pressure of 80" W.G., for Long Distance Gas Transmission, Supplied to the ... Gas Light and Coke Co., London. ....</p>	<p>Compressors and exhausters.</p>
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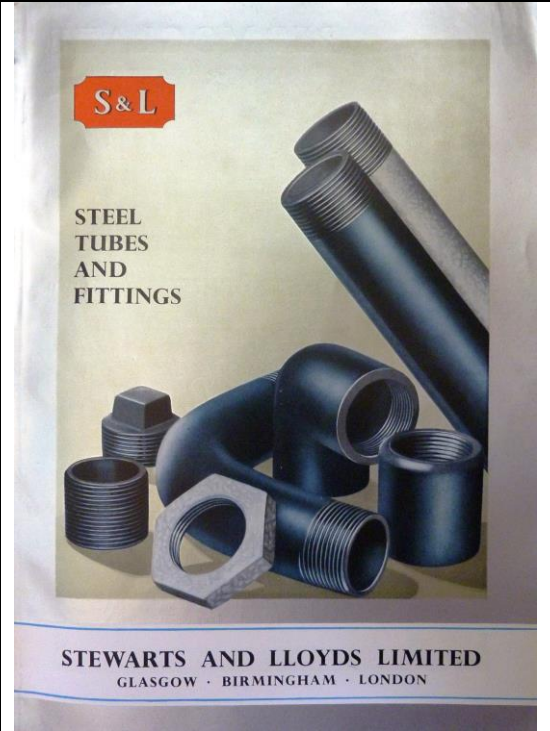
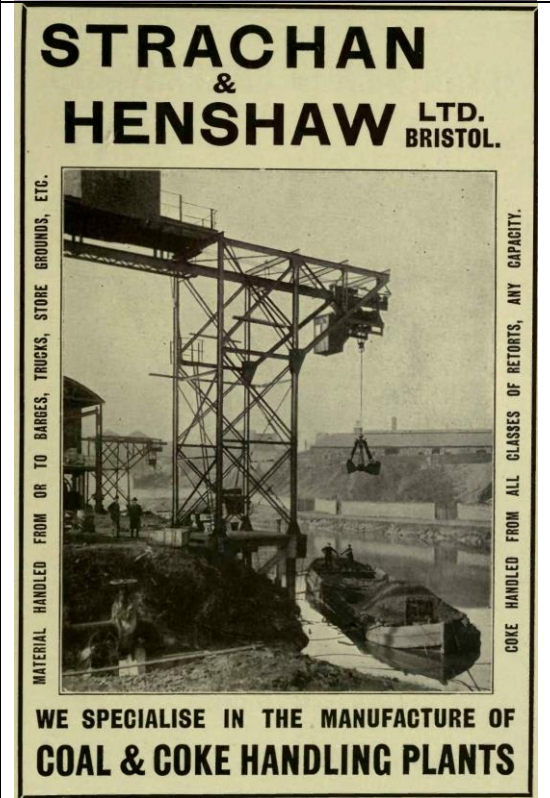
<p>Richard Thomas &amp; Baldwins Ltd. (1952)</p>	<p>Wilden Iron Works, Stourport on Severn, Worcestershire, England.</p>		<p>Tinned sheets and tin-plates.</p>
<p>The Richmond Stove Company. (1916)</p>	<p>Academy Street, Warrington, Cheshire, England.</p>		<p>Gas stoves and meters</p>
<p>Ride and Bell Ltd (1949)</p>	<p>Retford, Nottinghamshire, England.</p>		<p>Coke discharging, handling and quenching machine.</p>

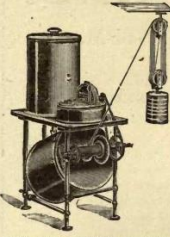
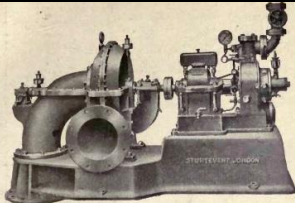
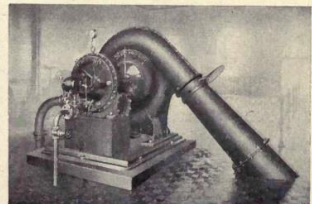
<p>Ruston Excavators. (1921)</p>	<p>Ruston, Proctor and Co. Ltd, or Ruston &amp; Hornsby Ltd, Lincoln, England.</p>	 <p><b>RUSTON</b> <b>CRANE NAVVY</b> The Ideal Tool for economic handling of STOCK PILES OF COAL AND COKE.</p> <p>A Ruston No. 8 Machine on Caterpillar Mounting at the Beckton Gas Works.</p> <p><b>FOUR Ruston Crane Navvies are employed in ONE Paris Gas Works.</b></p> <p>FULL PARTICULARS FROM <b>Ruston &amp; Hornsby Ltd.</b> LINCOLN ENGLAND. London Office:—46 Queen Victoria Street, E.C.4.</p> <p>Also Manufacturers of</p> <table border="0"> <tr> <td>BOILERS. Lancashire, Cornish, Fire and Tube, Loce-Multitube- lar, Vertical.</td> <td>STEAM ENGINES, Simple and Compound Fixed.</td> <td>OIL High-Efficiency Crude Oil Engines, Also Refined and Grade Fixed, Portable and Loce Engines.</td> <td>INTERNAL COMBUSTION ENGINES. Fixed Gas Engines for Towns and Producer Gas.</td> <td>GAS PRODUCERS, For Generating Gas from Coal or Wood.</td> <td>PUMPS. Centrifugal and Multi-stage.</td> </tr> </table> <p>ALL TYPES AND SIZES OF STEEL TANKS, STILLERS, ETC.</p>	BOILERS. Lancashire, Cornish, Fire and Tube, Loce-Multitube- lar, Vertical.	STEAM ENGINES, Simple and Compound Fixed.	OIL High-Efficiency Crude Oil Engines, Also Refined and Grade Fixed, Portable and Loce Engines.	INTERNAL COMBUSTION ENGINES. Fixed Gas Engines for Towns and Producer Gas.	GAS PRODUCERS, For Generating Gas from Coal or Wood.	PUMPS. Centrifugal and Multi-stage.	<p>Excavators, boilers, steam engines, gas and oil internal combustion engines, gas producers and pumps.</p>
BOILERS. Lancashire, Cornish, Fire and Tube, Loce-Multitube- lar, Vertical.	STEAM ENGINES, Simple and Compound Fixed.	OIL High-Efficiency Crude Oil Engines, Also Refined and Grade Fixed, Portable and Loce Engines.	INTERNAL COMBUSTION ENGINES. Fixed Gas Engines for Towns and Producer Gas.	GAS PRODUCERS, For Generating Gas from Coal or Wood.	PUMPS. Centrifugal and Multi-stage.				
<p>Sigma Instruments Co. Ltd. (1949)</p>	<p>Letchworth, Hertfordshire, England.</p>	 <p><i>Manual or Automatic</i></p> <p>WHETHER your plant is suited to automatic C.V. control or not, reliable recording instruments are essential for efficient control.</p> <p>Calorimeters can be fitted for Retort Gas C.V., Producer Gas C.V., Inlet to Holder C.V., and C.V. of Town Gas.</p> <p>One or more of the Calorimeters can be used to control automatically the admixture of the diluent to maintain the required calorific value.</p> <p>The Telemeter (centre) gives a multiple record of the calorific values obtained at various points on the gas works. Up to six records in distinctive colours can be shown on one chart. Distance between transmitter and recorder may be up to 1 mile.</p> <p><b>SIGMA INSTRUMENT CO. LTD.</b> <b>LETCWORTH</b> <b>HERTS</b></p>	<p>Manual or automatic controls</p>						



<p>Simon-Carves Ltd (1952)</p>	<p>Stockport, Cheshire, England.</p>		<p>Complete gasworks plant.</p>
<p>Smith Meters Ltd. (1949)</p>	<p>186 Kennington Park Road, London, England.</p>		<p>Gas meters</p>
<p>Spencer-Bonecourt Ltd</p>	<p>Hitchin, Hertfordshire, England &amp; Parliament Mansions, Victoria St. London, England.</p>	<p><b>WASTE HEAT BOILERS</b> (KIRKE'S PATENTS) THE MOST EFFICIENT BOILERS KNOWN</p> <p>PAY FOR THEMSELVES by saving fuel for steam raising IN LESS THAN ONE YEAR.</p> <p>Can be fitted into existing sites to work on WASTE GASES from</p> <ul style="list-style-type: none"> <li>(a) RETORTS, FURNACES.</li> <li>(b) COKE OVENS.</li> <li>(c) GAS ENGINES.</li> <li>(d) WATER-GAS PLANTS.</li> </ul> <p>Are being put into some of the LARGEST GAS WORKS IN GREAT BRITAIN AND THE COLONIES.</p> <p>Can be made VERTICAL or HORIZONTAL. SUPERHEAT if desired.</p> <p>No brickwork—MINIMUM ERECTION EXPENSES. AUTOMATIC if fitted with feed-water regulator. EASY CLEANING a special feature.</p> <p>Photo showing two KIRKE PATENT Waste Heat Boilers recently supplied to a large Gasworks in the South of England.</p> <p><b>SPENCER-BONECOURT, LTD.</b> Works: HITCHIN. Head Offices: PARLIAMENT MANSIONS, (*Phone: Hitchin 5.) (*Phone: Vic. 5563.) Victoria St., S.W.1.</p>	<p>Waste Heat Boilers/</p>

<p>The Standard Furnace Setting Co. Ltd. (1952)</p>	<p>Southport, Lancashire, England.</p>		<p>Carbonising plants.</p>
<p>Stanton Ironworks Co. Ltd.</p>	<p>Nottingham, England.</p>		<p>Spun iron pipes and flexible joints.</p>

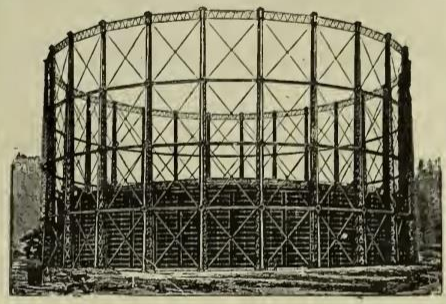
<p>Stewarts and Lloyds Ltd (1949).</p>	<p>Glasgow, Scotland. Birmingham, England. London, England.</p>		<p>Steel tubes and fittings.</p>
<p>Strachan and Henshaw Ltd. (1921)</p>	<p>Bristol, England.</p>		<p>Conveying and handling systems.</p>

<p>Strode &amp; Co. (1909)</p>	<p>Osnaburgh Street, London, England.</p>	<p style="text-align: center;">ADVERTISEMENTS. <span style="float: right;">ii</span></p> <h2 style="text-align: center;">AEROGEN SAFETY GAS.</h2> <div style="display: flex; justify-content: space-around;">  <div style="text-align: center;"> <p><b>4,000</b> Machines in use.</p> <p>***</p> <p>HIGHEST TESTIMONIALS.</p> <p>***</p> <p>Six Gold Medals.</p> </div> </div> <p style="text-align: center;">WITH THE WEIGHT-DRIVEN MACHINE THE LIGHT IS ALWAYS AVAILABLE</p> <p style="text-align: center;"><i>Machines also supplied driven by Hot-air Motors, Water Motors, &amp;c., and Storage Holders.</i></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>ADVANTAGES OF AEROGEN GAS.</b></p> <ul style="list-style-type: none"> <li>High illuminating power.</li> <li>Small consumption.</li> <li>Small pipes can be used.</li> <li>Burners and mantles have a long life.</li> <li>Non-explosive.</li> <li>Uniform mixture always produced.</li> </ul> </div> <div style="width: 45%; border: 1px solid black; padding: 5px;"> <p style="text-align: center;"><i>Write for our Booklet</i></p> <p style="text-align: center;"><b>“Country-House Lighting.”</b></p> <p style="text-align: center;">***</p> <p style="text-align: center;">POST FREE.</p> </div> </div> <p style="text-align: center;"><b>STRODE &amp; CO.,</b></p> <p>Works - - - 48 Osnaburgh Street, LONDON, N.W. Showrooms - - 67 St Paul's Churchyard, E.C.</p>	<p>Gas plant, including small gasworks, gas lights and later petrol air plant.</p>
<p>Sturtevant Engineering Co. Ltd. (c1920)</p>	<p>Queen Victoria Street, London.</p>	<div style="text-align: center;">  <p style="font-size: small;">Sturtevant Gas Exhausting or Boosting Fan.</p> </div> <div style="border: 1px solid black; padding: 10px; margin: 10px auto; width: 80%;"> <p><b>I</b>nstal Sturtevant Gas Boosters and Exhausters for increasing the pressure in the mains and for sending gas to distant holders. For the manufacture of Carburetted Water Gas, use Sturtevant special heavy pattern Blowers.</p> <p style="text-align: center;"><i>We shall be pleased to give you full particulars. Send us your Enquiries mentioning “G.P.”</i></p> <p style="text-align: center;"><b>Sturtevant</b> Engineering Co. Ltd. 47 Queen Victoria Street, London.</p> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="width: 30%; font-size: x-small;"> <p>Sturtevant Carburetted Water Gas Plant driven by Steam Turbine.</p> </div>  </div>	<p>Boosters.</p>

<p>F.C. Sugden &amp; Co Ltd. (1921)</p>	<p>10 East Parade, Leeds, England.</p>	<p><b>F. C. SUGDEN &amp; Co. Ltd.</b>  <b>10, East Parade, LEEDS.</b>      Telephone:— 25203.      Telegrams:— "Carbonizer, Leeds."</p> <p>FURNACES AND RETORT SETTINGS OF ALL DESCRIPTIONS A SPECIALITY.</p> <p>PERFECT COMBUSTION GUARANTEED WITH HUDSON'S PATENT PRODUCER, COMBINED WITH OUR IMPROVED STEP-GRATE FITTINGS.</p> <p>HUDSON'S PATENT PRODUCER  <small>In conjunction with our DEEP REGENERATOR SETTING.</small>  <small>NOTE: The above is a special design for use with Secondary Air, ensuring 20% GREATER DUTY FROM RETORTS.</small></p> <p><b>BEST</b> MAKE PER MOUTHPIECE TON FUEL ECONOMY</p> <p>All Gas Works Plant.      Numerous Testimonials.</p>	<p>Furnace and retort settings.</p>
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<p>William Sugg and Co. Ltd. (1885 &amp; 1930)</p>	<p>Vincent Works, Westminster, England.</p>	<p>THIRTY-TWO PRIZE MEDALS in OPEN COMPETITION.</p> <p>WILLIAM SUGG'S PATENT  <b>"CYNTHIA"</b>      ENAMELLED REFLECTOR GOVERNOR BURNER.</p> <p>REMOVABLE FOR CLEANING.</p> <p>WILLIAM SUGG &amp; CO. LTD.      CRYSTAL PALACE BRANCH      BIRMINGHAM.      No 20000</p> <p>For KITCHENS, WORKSHOPS, WAREHOUSES, LAUNDRIES, &amp; BAKERIES.</p> <p>WITH 5 CUBIC FEET OF ORDINARY GAS, gives a Light EQUAL TO 20 CANDLES.</p> <p>PRICE, FIVE SHILLINGS AND SIXPENCE.</p> <p><b>WILLIAM SUGG &amp; CO. LIMITED.</b>      VINCENT WORKS, WESTMINSTER, S.W.      1 &amp; 2, GRAND HOTEL BUILDINGS, CHARING CROSS, W.C.; CRYSTAL PALACE, &amp; PARIS.</p>	<p>Gas lighting, cooking, heating appliances and incinerators.</p>
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<p>Joseph Taylor and Company. (1921)</p>	<p>Blackhorse Street, Bolton, England.</p>	<p style="text-align: center;"><b>SATURATORS</b> AND ALL <b>LEADWORK</b> FOR <b>SULPHATE OF AMMONIA PLANTS</b></p> <hr/> <p style="text-align: center;"><b>660</b> <b>SATURATORS SUPPLIED</b></p>  <hr/> <p style="text-align: center;"><b>JOSEPH TAYLOR (SATURATORS) LTD.</b> CHEMICAL PLANT ENGINEERS, <b>BLACKHORSE STREET MILLS, BOLTON.</b></p> <p>Telegraphic Address: "SATURATORS, BOLTON." Works Telephone No.: BOLTON 848.</p>	<p>Chemical plant.</p>

<p>Thomas Piggott &amp; Co. Ltd. Later part of Horseley Piggott (c1910)</p>	<p>Spring Hill, Birmingham, England.</p>	<div style="border: 2px solid black; padding: 10px; text-align: center;"> <p><b>THOMAS PIGGOTT &amp; CO., LTD.,</b> BIRMINGHAM.</p>  <p>Triple Lift Gasholder, 212 ft. 6 in. diameter by 45 feet Lifts, erected at Garston, Liverpool.</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;"> <p>Manufacturers and Erectors of</p> </div> <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <p>GASHOLDERS. GAS PLANTS. STEEL PIPES. STEEL TANKS. CONSTRUCTIONAL STEEL WORK.</p> </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>HUMPHREYS &amp; GLASGOW'S CARBURETTED WATER-GAS PLANTS. Aggregate capacity of Plant supplied 231,600,000 cubic feet daily.</p> </div> </div>	<p>Gasholders and gas plant.</p>
<p>Thomas Vale and Sons Ltd. (1921)</p>	<p>Stourport, Worcester, England.</p>	<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p><b>THOMAS VALE &amp; SONS,</b> <b>STOURPORT, Worcs. Ltd.</b></p> <p>Telephone: 7 Stourport.      Telegrams: "Vale, Stourport."</p> <p>~~~~~</p> <p><b>Complete Installations of</b></p> <p><b>Horizontal Retorts</b> (Klönne Regenerative System)</p> <p><b>Vertical Retorts</b> (Woodall-Duckham System)</p> <p><b>Gasholder Tanks</b> Brick and Puddle or Reinforced Concrete</p> <p>~~~~~</p> <p>FOUNDATION WORK.      MAIN LAYING.</p> <p><b>Retort House and other Buildings.</b></p> <p>HIGH-CLASS WORK.</p> </div>	<p>Gasholders, retorts, retort houses and main laying.</p>

Tully Gas  
Plants Ltd.  
(1921)

Millgate,  
Newark on  
Trent,  
Nottinghamshi  
re, England.

# TULLY GAS PLANTS

BRITISH THROUGHOUT.  
ORDERS RECEIVED IN THE UNITED  
- KINGDOM SINCE MARCH, 1919. -

Cub. ft. per 24 hours		Cub. ft. per 24 hours	
Wick	1 Set 75,000	Jersey	repeat order 1 Set 300,000
Runcorn	1 300,000	Dursley	2 150,000
Holyhead	1 100,000	Cirencester	1 100,000
Newark	1 300,000	Coring-on-Thames	1 75,000
Healey	1 150,000	Gray & Tilbury	2 300,000
East Grinstead	1 200,000	Castleford	1 300,000
Sandown	1 100,000	Haverton Hill-on-Tees	2 300,000
Grantham	1 300,000	Batley	2 300,000
Heywood	1 300,000	Hastingsden	1 200,000
Normanton	2 100,000	Ossett	1 300,000
Easthickley	1 50,000	Seaton	2 75,000
Llandudno	1 300,000	Tayport	1 75,000
Swadlowcote	1 200,000	Byde, Isle of Wight	2 150,000
Irthingborough	1 100,000	Knottingley	repeat order 1 100,000
Knottingley	1 100,000	Newspay	2 75,000
Newcastle, Staffs	1 300,000	Pontefract	2 200,000
Conway	1 100,000	Crampton	1 200,000
Burnham	1 75,000	Fleetwood	1 300,000
Berartland	1 200,000	Prestonpans	2 100,000
Bridgend	1 100,000	Plymouth	2 500,000
Limerick	1 300,000	Cork	1 300,000
Colwyn Bay	1 300,000	Selkirk	1 150,000
Carmarthen	1 100,000	Morley	1 200,000
Kirby in Ashfield	1 100,000	Sheffield	2 500,000
Kelso	1 100,000	Bathgate	1 150,000
Olney	1 100,000	Llithfardham	1 200,000
Blanford	1 300,000	Newport, Isle of Wight	1 150,000
Grange & Carrind	1 100,000	Scunbury	2 300,000
Tiverton	1 100,000	Langley Mill	1 300,000
Farnby	1 100,000	Bilton	1 500,000
Kidderminster	2 600,000	Walton-on-Thames	2 150,000
Leamington	1 500,000	Kettering	1 300,000
Larne	1 100,000	Bishop Auckland	2 150,000
Kelby	1 150,000	Draycott	1 200,000
Horley	1 150,000	Redford	2 750,000
East Dereham	1 100,000	Colne	1 500,000
Aberystwith	1 200,000	Hussellburgh	1 300,000
Harpenden	1 300,000	Ambleside	1 100,000
Ridgwick	1 200,000	Leyland	1 200,000
Hastemere	1 150,000	Wisbech	1 150,000
Southbank	1 300,000	Altrincham	1 200,000
Mirfield	1 300,000	Grange-over-Sands	repeat order 1 100,000
Whitby	1 300,000	Derby	1 500,000
Featherstone	2 100,000	Gravesend	1 300,000
Cournoy	repeat order 1 500,000	Keels	1 50,000
Chirk	1 100,000	Carmarvon	1 300,000
Newark	repeat order 1 300,000	Blund	2 300,000
Llandudno	repeat order 1 300,000	Hensworth	1 100,000
Hexham	2 150,000	South Elmhall	1 100,000
Selby	2 150,000	Hindley	2 300,000
Wellington (Salop)	1 200,000	Duns	1 150,000
Portcaw	1 200,000	Grangemouth	1 200,000
Telgusmouth	1 200,000	Conway	repeat order 1 200,000
Leichworth	2 300,000	Bungay	1 50,000
Colwyn Bay	repeat order 1 300,000	Anstruther	1 75,000
Whistable	1 100,000	Stoneshaven	1 100,000
Corleoba	1 200,000	Alderney	1 50,000
Hullfax	4 500,000		
Rens	1 100,000		
St. Mary Church, Torquay	2 200,000		

PLANTS OF THE FOLLOWING SIZES IN STOCK:  
50,000, 75,000, 100,000, 150,000, 200,000, 250,000,  
300,000, and 500,000 CUBIC FEET PER 24 HOURS.

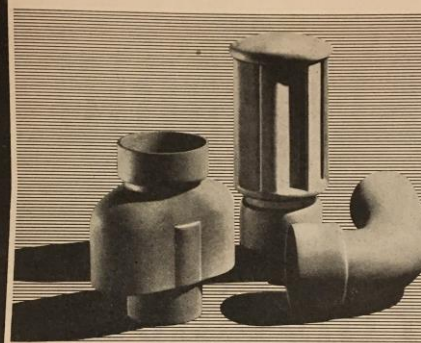
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**TULLY GAS PLANTS, Ltd.,**  
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(cellactite &  
British  
Uralite Ltd)  
(1952)

Cellacite  
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Whitehall  
Place,  
Gravesend,  
Kent &  
Higham, Kent.  
England

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corrosible flues and  
ventilating ducts—the  
ultimate refinement in  
Asbestos Cement.

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asbestos-cement sheets, flat and corrugated and KIMOLO (Maler)—insulating  
bricks and hollow partition blocks.

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Telephone: Gravesend 4911 (6 lines), Telegrams: Cellactite, Gravesend,  
WORKS: HIGHAM, KENT.

TAS/CL 395

Asbestos  
cement flues  
and ducting.



<p>The Vertical Retort Syndicate Ltd. (1910)</p>	<p>Victoria Street, Westminster, England.</p>	<p>INTERMITTENT VERTICAL RETORTS</p> <p>CROSS SECTION THROUGH BED.</p> <p>THE VERTICAL GAS RETORT SYNDICATE LTD., 17 VICTORIA ST., WESTMINSTER, S.W.</p>	<p>Retort systems.</p>
<p>C &amp; W Walker Ltd (1949). (1949)</p>	<p>Midland Iron Works, Donnington, Newport Shropshire, England.</p>	<p><b>C. &amp; W. WALKER LIMITED</b></p> <p><b>GASHOLDERS</b></p> <p>SPIRALLY GUIDED HIGH PRESSURE GUIDE FRAMED WATERLESS</p> <p>DONNINGTON, N. WELLINGTON SHROPSHIRE LONDON OFFICE: 70 VICTORIA STREET, S.W.1</p> <p>Design—BY SPECIALISTS Workmanship—BY SKILLED CRAFTSMEN Erection—UNDER EXPERIENCED SUPERVISION</p> <p>MAKERS OF THE LARGEST WATER-SEALED HOLDER CONSTRUCTED IN THIS COUNTRY</p> <p>Spirally Guided Gasholder—Capacity 5 million cubic feet</p> <p><b>OVER A CENTURY OF SERVICE TO THE GAS INDUSTRY</b></p>	<p>Gasholders and all types of Gas Plant.</p>

<p>George Waller and Son Ltd. (1949)</p>	<p>Phoenix Iron Works, Stroud, England.</p>	 <p><b>100 years...</b></p> <p>... can come and go but the experience and tradition built up in that time remain</p> <p><b>WALLER'S</b> have been known to the Gas Industry for a century and because the quality and reliability of the firm's products have proved themselves, they are in demand to-day more than ever</p> <p><b>GEORGE WALLER &amp; SON LTD</b></p> <p>Phoenix Ironworks · Stroud · Glos</p> <p>Telephone: Brimscombe 2210</p> <p>MEMBERS OF THE SOCIETY OF BRITISH GAS INDUSTRIES</p>	<p>Exhausters.</p>
<p>S.N. Wellington. (1921).</p>	<p>53 Victoria Street, Westminster, England.</p>	 <p><b>INCLINED CHAMBER OVENS</b></p> <p><b>FOR LARGE, MEDIUM &amp; SMALL GAS WORKS</b></p> <p>Make per ton (Coal Gas) - 13,000-15,600 c.ft. 580-490 B.T.U.</p> <p>Make per ton (Steam Gas) - 19,000-22,000 c.ft. 450 B.T.U.</p> <p>Coal charges from 8 tons to 3 tons as desired.</p> <p>Labour costs from 3d. to 8d. per ton according to size of Installation.</p> <p>Fuel consumption under 13 per cent.</p> <p>Maintenance costs lower than any other Carbonizing Plant.</p> <p><i>For Particulars and Estimates apply—</i></p> <p><b>S. N. WELLINGTON</b></p> <p>53 VICTORIA STREET, — WESTMINSTER, S.W.1.</p>	<p>Inclined Chamber ovens.</p>

<p>The Welsbach Light Company Ltd (1916).</p>	<p>Welsbach House, Kings Cross, London, England.</p>		<p>Gas mantles.</p>
<p>West's Gas Improvement company (1952).</p>	<p>Albion Iron works, Miles Platting, Manchester, England.</p>		<p>All types of Gas Plant.</p>
<p>West's Piling and Construction Co. Ltd. (1949).</p>	<p>Bath Road, Harmondsworth, Middlesex, England.</p>		<p>Piling specialists for gasworks structures and general construction.</p>

Westwood and Wrights Ltd. (1910).

Round Oak, Brierley Hill, and Queen's Cross, Dudley, Staffordshire, England.

**WESTWOOD & WRIGHTS**  
**Brierley Hill.**  
**GASHOLDER SPECIALISTS**  
*(One of the OLDEST MAKERS in the TRADE).*  
**ALL KINDS of ROOFS, PURIFIERS, TANKS, PLANT**  
**and APPARATUS required in GAS-WORKS.**  
**CONSTRUCTIONAL IRON AND STEELWORK.**



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**PATENTEES**  
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**The MOST RELIABLE**  
**GAS VALVE**  
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 PATENT LUBRICATING FACES  
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**AUTOMATIC FASTENINGS**  
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**PRESSURE RELIEVERS**  
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**FURNACE AND OTHER**  
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 also  
**RETORT MOUTHPIECES**  
 with  
**ASBESTOS JOINTS.**

Four-Lift Gasholder, 199 ft. 6 in. dia., x 42 ft. 9 in. deep, erected at the East Ham Gas-Works.

All types of Gas Plant.

Whessoe Foundry Co. Ltd. (1949)

Darlington, England.

**COMPLETE CONDENSATION AND**

*Modern British Practice*



Construction of W Works plant at the South Metropolitan Gas Company's works, East Greenwich

The flow sheets on the right show the type and sequence of plant employed for Works reconstruction and extension schemes in London by the Gas Light and Coke Company and the South Metropolitan Gas Company. The diagrams may be contrasted with the earlier forms of condensation and wet purification plant still in operation at many British Gas Works.

These plants were designed in collaboration with the Engineers of the undertaking by Whessoe Limited, who were also responsible for the fabrication and erection of the plants, complete with all services and plant instrumentation, as main contractors to the South Metropolitan Gas Company and as sub-contractors to Woodall-Duckham Ltd., for the Beckton installations of the Gas Light & Coke Company.

**WHESOE**  
 DARLINGTON

FOUNDED 1790 — ENGINEERS FOR OVER 150 YEARS

All types of Gas Plant.

<p>Whittaker Ellis (1949)</p>	<p>Belmont Works, Birmingham, England &amp; 54 Victoria St. London, England.</p>	 <p>"Gentlemen, We now come to the Main problem"</p> <p>Whether it be laying a new main or enlarging an old one, problems will inevitably arise. Perhaps you may have to overcome obstructions such as G.P.O. cables, water mains, or sewers.</p> <p>For each particular job—and no two are ever quite alike—an experienced firm of Contractors is essential. Such a firm, Gentlemen, should possess the organisation and the equipment to carry out your plans; it should have trained men who can cope with difficult situations, and give you personal attention on each job.</p> <p>As Gas Engineers, you will undoubtedly appreciate the value of my remarks, and I have no hesitation in recommending to you a thoroughly reliable firm of Contractors:</p> <p><b>WHITTAKER ELLIS Ltd</b></p> <p>CONTRACTORS TO THE GAS INDUSTRY</p> <p>LONDON, 54, Victoria Street, S.W.1 Telephone: VICTORIA 4114-7      BIRMINGHAM, Belmont Works, Belmont Row, 4. Telephone: ANSON CROSS 2242-4      Telegrams: Whittaker, Swans, London      Telegrams: Reiger, Birmingham</p>	<p>Gas mains.</p>
<p>Wiley &amp; Company. (1900 &amp; 1952)</p>	<p>Basin Works Exeter, Devon, England.</p> <p>Haven Road, St Thomas's Exeter, Devon England.</p>	 <p>58 JOURNAL OF GAS LIGHTING, WATER SUPPLY, &amp;c. [July 3, 1900.]</p> <p><b>IMPROVED PATENT GAS GOVERNOR.</b></p> <p>TESTIMONIAL FROM THE PLYMOUTH &amp; STONEHOUSE GASLIGHT &amp; COKE CO.</p> <p>"Our Engineer has reported to the Directors that the Patent Equilibrium Station Governor which you fixed here last year, replacing one of another make, is giving every satisfaction, and maintains an absolutely regular outlet pressure under most trying conditions. We consider the open-ended Cylindrical Valve perfect, and a great improvement on the usual complicated construction of Equilibrium Governors, which are generally only balanced in one position of their range."</p> <p>The Inlet Pressure having absolutely no effect on the open-ended cylindrical Valve, the pressure is maintained constant at the outlet UNDER ANY CHANGE OF PRESSURE OR DRAUGHT, and dispenses with the usual complicated balancing arrangements.</p> <p>Provided with a most SIMPLE and CONVENIENT METHOD of WATER LOADING and WITHDRAWAL without syphons or other complications, or with weights to adjust pressure as desired.</p> <p>Manufacturers of Gasholders, Purifiers, and every description of Gas Plant of any capacity. Station Meters, Wet and Dry Consumers' Meters, Prepayment Meters, Gas Apparatus and Gas Fittings. Also Bridges, Roofs, Columns, Girders, and Structural Iron and Steel Work of all kinds. All Sizes of Livesey Washers kept in Stock.</p> <p><b>WILEY &amp; CO.,</b>  <b>ENGINEERS, IRONFOUNDERS, &amp; CONTRACTORS.</b>      CHIEF OFFICES AND WORKS: ST. THOMAS, EXETER. Telegrams: "WILEY, EXETER." Telephone: 133 and 363.      METER WORKS—32a, Hartford Road, De Beauvoir Town, LONDON, N.; and James Street, EXETER.      OFFICES &amp; DEPOTS—LONDON: 13, Adam Street, Adelphi; MANCHESTER: Victoria Buildings; PLYMOUTH, DEVONPORT, SWANSEA, &amp; NEWPORT.</p>	<p>Gasholders and all types of gas plant.</p>

<p>Wilton's (The Chemical Engineering and Wilton's Patent Furnace Co. Ltd. (1921)</p>	<p>London Road, Horsham, Sussex, England.</p>		<p>Stills, plant for tar works. Benzol and ammonia plants.</p>

<p>Winstanley &amp; Co. (1910)</p>	<p>Murdoch Works, King's Norton, Birmingham, England.</p>	<p><b>WINSTANLEY &amp; CO.</b></p> <p><b>GAS ENGINEERS.</b></p> <p><b>MURDOCH WORKS, KING'S NORTON.</b></p> <p><small>Telegram: "WINSTANLEY BIRMINGHAM." Telephone: 33 KING'S NORTON.</small></p>	<p>Gas Engineers</p>
<p>The Woodall-Duckham Co. Ltd. And later The Woodall-Duckham Vertical Retort &amp; Oven Construction Co. (1920) Ltd. (1912 &amp; 1921)</p>	<p>Palace Chambers, Westminster. Later Ebury and Allington House, 136-150 Victoria St. London.</p>	<p><b>THE SYSTEM OF CONTINUOUS VERTICAL RETORTS</b></p> <p><b>FIRST IN 1903 — FOREMOST IN 1921</b></p> <p><b>135 PLANTS ERECTED or on ORDER</b> WITH A <b>CARBONIZING CAPACITY OF 15,430 TONS PER DAY.</b></p> <p><i>For Particulars apply to</i> <b>The Woodall-Duckham Vertical Retort and Oven Construction Co. (1920) Ltd.</b></p> <p><b>52 Grosvenor Gardens, LONDON, S.W.1.</b></p> <p><small>Tel. Address: "Retortical, Sowest, London." Telephone: Victoria 9272.</small></p>	<p>Retorts systems.</p>

		<p><b>THE WOODALL-DUCKHAM VERTICAL RETORT</b> PALACE CHAMBERS, WESTMINSTER, S.W.</p>	
<p>John Wright and Company Ltd (1898).</p>	<p>Essex works, Birmingham and London.</p>	<p><b>THE "EUREKA"</b> — Highest in Excellence! Lowest in Maintenance Cost!</p> <p>The "EUREKA."</p> <p>Machine Tools, made to our own Designs, and perfected by long and numerous tests, have displaced hand labour in nearly every instance in the building up of the "Eureka." This has resulted in—</p> <p><b>MINUTE MECHANICAL ACCURACY</b></p> <p>being secured in the reproduction of all Cooker Parts, and the perfect fit of all parts for renewal is therefore</p> <p><b>ABSOLUTELY ENSURED.</b></p> <p><b>JOHN WRIGHT &amp; CO.,</b> Essex Works, BIRMINGHAM.</p> <p>No. 190.</p>	<p>Gas cookers and other gas appliances.</p>





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