



BOARD OF TRADE

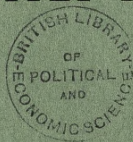
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FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 12

Trade F

GAS SUPPLY INDUSTRY



*Presented by the Board of Trade to Parliament
in pursuance of the Statistics of Trade Act, 1947
(10 & 11 Geo. 6, Ch. 39, Sec. 7).*

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THREE SHILLINGS NET

In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s 0d. NET

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* Not applicable to this trade

GAS SUPPLY INDUSTRY

THIS REPORT on the Gas Supply Industry relates to establishments producing and distributing gas whether operated by Local Authorities or Companies.

This trade corresponds to minimum list heading 210 in the Standard Industrial Classification.

The gross output in this trade in 1948 is arrived at by aggregating the sale of gas, the sales of coke and other by-products (adjusted for stocks), and value of work charged for, rents of meters and appliances, the net receipts from the sale of appliances, and the value of new constructional work carried out by employees of gas undertakings.

Undertakings in this trade returned their materials and fuel "purchased and used" and not "purchased" as in other trades, with the exception of coke and other by-products which were recorded on the basis of purchases. The net output in 1948 is thus arrived at by deducting from gross output, the cost of purchased materials and fuel used including the cost of coke and other by-products purchased.

In 1935 information was not obtained in respect of rents received for meters and appliances or of the net receipts from the sale of appliances, and the value of new constructional work carried out by employees of gas undertakings was not included in gross and net output. It has not been possible to revise the published 1935 figures to a basis comparable to the 1948 figures. Some comparison, however, is afforded by the inclusion in Table 1 of figures relating to 1948 presented, as far as possible, on the same basis as the 1935 figures.

Establishments in this trade in Northern Ireland (which are excluded in 1948) accounted in 1935 for less than 2 per cent. of the net output for the United Kingdom.

GAS SUPPLY INDUSTRY

Summary

Larger undertakings (a)

TABLE I

	Companies		Local Authorities		Total			
	1948 (b)	1935 (b)	1948 (b)	1935 (b)	1948 (b)	1948 (c)	1935 (b)	1935 (d)
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	124,187	43,554	57,369	20,328	181,557	164,999	63,880	64,805
Cost of materials and fuel used	65,901	16,527	34,894	8,159	100,795	100,795	24,686	25,096
Net output	58,286	27,027	22,475	12,167	80,762	64,205	39,194	39,709
Wages and salaries of persons employed	31,933	..	13,360	..	45,292	..	..	..
	No.	No.	No.	No.	No.	No.	No.	No.
Average number of persons employed (e)	91,099	86,143	40,722	33,443	131,821	129,974	119,586	121,249
	£	£	£	£	£	£	£	£
Net output per person employed	640	314	552	364	613	494	328	328
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year								
Coke, coke breeze and other by-products	2,451	..	1,108	..	3,559	..	..	..
Materials and fuel	14,737	..	6,118	..	20,856	..	..	..
	No.	No.	No.	No.	No.	No.	No.	No.
Number of returns	461	436	244	244	705	705	680	697

(a) For small undertakings summary see Table 2.

(b) Great Britain only.

(c) Great Britain only. In this column gross output has been arrived at on the same basis as in 1935 (see introductory note). The employment figure excludes showroom personnel at undertakings employing 100 or more.

(d) United Kingdom. The value of gas sold in Northern Ireland in 1935 was £691,000 of which £80,000 was sold by Companies and £611,000 by Local Authorities.

(e) For the total number of persons employed in this trade see Table 3.

TABLE I (contd.)

The values of gross output and of materials and fuel used are derived in the following way:-

	1948 (a)			1935 (b)
	Companies	Local Authorities	Total	Total
	£'000	£'000	£'000	£'000
Gas sold (see Table 8(1))	76,093	35,124	111,217	49,097
Sales of coke and by-products (including re-sales) (see Tables 8 (1) and 10)	31,298	15,850	47,148	
Adjustment for stocks of coke and by-products (see Table 14)	+ 1,032	+ 537	+ 1,570	12,858
Less payments for transport	1,027	544	1,570	
	31,303	15,844	47,147	12,858
Rents received (see Table 8 (1))	6,735	1,140	7,875	(c)
Net receipts from sale of appliances (see Table 8(1))	2,119	1,078	3,197	(c)
Net value of work charged for (see Table 8 (1))	4,557	2,079	6,636	2,850
Work of new construction carried out by employees of Gas Undertakings (see Table 8 (11))	3,380	2,105	5,486	(d)
Gross output (production)	124,187	57,369	181,557	64,805
Materials and fuel used other than coke or by-products (see Table 13)	64,350	34,862	99,212	24,997
Coke and by-products purchased (see Table 13)	1,807	189	2,096	99
	66,258	35,051	101,309	25,096
Less materials supplied to contractors for capital work	357	157	514	..
Cost of materials and fuel used	65,901	34,894	100,795	25,096

(a) Great Britain only.

(b) United Kingdom.

(c) Not ascertained.

(d) Not included in gross output for 1935.

Summary, 1948

Small undertakings in Great Britain

TABLE 2

	Companies	Local Authorities	Total
	£'000	£'000	£'000
Value of production (gross output)	2,206	256	2,462
Cost of materials and fuel purchased during the year	1,315	162	1,477
Net output (a)	891	94	985
Average number of persons employed (b)	No. 1,772	No. 215	No. 1,987
Net output per person employed	£ 503	£ 436	£ 496
Number of returns	No. 330	No. 33	No. 363

(a) The value of net output here is the difference between gross output and the cost of materials and fuel purchased during the year.

(b) Including working proprietors.

Estimated average employment, 1948

All undertakings in Great Britain

TABLE 3

As returned by undertakings	
Employing on average more than ten persons (a)	131,821
Employing on average ten persons or less (b)	1,987
Estimated average employment in undertakings not making satisfactory returns	-
Average employment in all undertakings	133,808

(a) See Tables 1 and 15.

(b) See Table 2.

Analysis by size, 1948

Larger undertakings in Great Britain

TABLE 4

Average number employed	Undertakings			Gross output	Net output	Persons employed	Remuneration			Net output per person employed
	Companies	Local Authorities	Total				Wages	Salaries	Total	
	No.	No.	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11-24	168	41	209	4,426	1,974	3,563	862	221	1,083	554
25-49	96	63	159	7,544	3,221	5,661	1,374	372	1,746	567
50-99	77	63	140	13,201	5,629	9,767	2,357	635	2,992	576
100-199	49	34	83	16,020	6,399	11,250	2,797	775	3,571	569
200-299	24	16	40	13,521	6,013	10,036	2,515	698	3,213	599
300-399	10	6	16	7,674	3,123	5,713	1,435	391	1,827	547
400-499	10	7	17	11,325	4,734	7,616	1,961	570	2,531	622
500-749	10	5	15	13,424	6,693	8,649	2,774	766	3,540	756
750-999	2	1	3	3,170	1,393	2,374	630	204	834	587
1,000-1,499	5	5	10	15,921	6,549	12,121	3,064	942	4,006	540
1,500-1,999	3	-	3	6,377	2,865	4,950	1,179	418	1,597	579
2,000-2,499	2	1	3	10,426	4,661	6,201	1,594	657	2,252	752
2,500 and over	5	2	7	58,529	27,507	43,700	11,116	4,984	16,101	629
Total	461	244	705	181,557	80,762	131,821	33,658	11,634	45,292	613

GAS, ELECTRICITY AND WATER
Analysis by standard region, 1948
Larger undertakings in Great Britain

TABLE 5

Region	Under- takings	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England								
Northern	42	6,431	2,350	2.9	6,032	945	263	1,209
East and West Ridings of Yorkshire	67	14,520	7,173	8.9	9,574	2,950	823	3,773
North Midland	55	8,635	3,441	4.3	6,636	1,706	461	2,167
Eastern	51	7,175	3,173	3.9	5,203	1,252	420	1,672
London and South Eastern	61	63,292	31,583	39.1	46,810	12,223	5,432	17,655
Southern	41	9,945	4,118	5.1	7,961	1,930	652	2,582
South Western	69	10,649	4,544	5.6	7,943	1,885	611	2,496
Midland	62	18,559	6,715	8.3	11,872	3,149	938	4,087
North Western	84	24,440	10,053	12.4	16,104	4,216	1,148	5,364
Total England	532	163,646	73,131	90.5	118,135	30,256	10,749	41,006
Wales	64	4,543	2,078	2.6	3,871	944	297	1,242
Scotland	109	13,368	5,553	6.9	9,815	2,458	587	3,045
Great Britain	705	181,557	80,762	100.0	131,821	33,658	11,634	45,292

TABLE 6 - Analysis according to specialisation within the trade, 1948
Larger undertakings in Great Britain

This table is not applicable to the trade.

Total make of gas (a)
Larger undertakings

TABLE 7

	1948 (b)						1935 (c)		
	Companies		Local Authorities		Total	Companies	Local Authorities	Total	
	Quantity	Entries	Quantity	Entries	Quantity	Quantity	Quantity	Quantity	
Coal gas	Mill.cu.ft.	206,611	457	144,203	234	349,814	162,187	107,085	269,272
	Th. therms (d)	1,056,741		664,032						1,720,773	809,742	500,200	1,309,942
Oil gas	Mill.cu.ft.	669	19	78	5	746	(e)	(e)	(e)
	Th. therms (d)	2,876		360		3,256			
Coal gas and oil gas unclassified	Mill.cu.ft.	2,635	6	2,413	..	5,048	-	-	-
	Th. therms (d)	13,122		11,629		24,751			
Water gas	Mill.cu.ft.	56,390	179	18,320	104	74,711	28,305	6,381	34,686
	Th. therms (d)	245,015		81,161		326,176				131,204	28,088	159,292
Producer gas	Mill.cu.ft.	10,923	53	1,258	17	12,182	(f)	(f)	(f)
	Th. therms (d)	16,529		2,186		18,715			
Other gases produced for distri- bution	Mill.cu.ft.	1,414	25	126	5	1,539	5,413	-	5,413
	Th. therms (d)	5,410		484		5,894				8,113	-	8,113
Total	Mill.cu.ft.	277,642	..	166,398	..	444,040	195,905	113,466	309,371
	Th. therms (d)	1,339,693		759,872		2,099,565				949,059	528,288	1,477,347

- (a) Gas made before benzole extraction, including gas used in the works in which it was made.
(b) Great Britain only.
(c) United Kingdom.
(d) Based on the declared calorific value.
(e) Included with "Other gases".
(f) Included with "Water gas".

Sales (or production) of the principal products
charges for work done and rents received

Larger undertakings

TABLE 8 (i)

	1948 (a) (b)			1935 (c)	
	Quantity	Value	Entries	Quantity	Value
Gas (d) (e)	Mill. cu.ft.	£'000	No.	Mill. cu.ft.	£'000
Companies					
To other undertakings	14,509 Th. therms 71,603	1,962	93	183,331 Th. therms 942,448	32,609
To consumers	Mill. cu.ft. 286,089 Th. therms 1,360,589	74,131	461		
Local Authorities	Mill. cu.ft.			Mill. cu.ft.	
To other undertakings	3,217 Th. therms 14,585	469	54	111,392 Th. therms 519,215	16,488
To consumers	Mill. cu.ft. 173,449 Th. therms 791,552	34,655	244		
Total	Mill. cu.ft. 17,726 Th. therms 86,188	2,430	147	304,723 Th. therms 1,461,663	49,097
To other undertakings	Mill. cu.ft. 459,538 Th. therms 2,152,141	108,786	705		
To consumers	Mill. cu.ft. 477,264 Th. therms 2,238,329	111,217	705	Mill. cu.ft. 304,723 Th. therms 1,461,663	49,097

TABLE 8 (i) (contd.)

	1948 (a) (b)						1935 (c)			
	Companies			Local Authorities			Companies		Local Authorities	
	Quantity	Value	Entries	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000	No.	Th. tons	£'000	Th. tons	£'000
Coke	5,596	21,632	439	3,180	10,988	231	4,935	5,868 (f)	2,818	2,583 (f)
Coke breeze	651	874	253	462	652	165	..	(g)	..	(g)
Ammoniacal liquor (h) (i)	46	44	55	29	61	45	..	(g)	..	(g)
Coal tar (crude) (h) (j)	557 Th.galls. 10,426	2,326 214	404	568 Th.galls. 7,864	2,551 210	219	298 Th.galls. 20,689	547 207	354 Th.galls. 2,418	624 23
Sulphate of ammonia (h) (k)	Th. tons 58	697	34	Th. tons 11	109	15	Th. tons 57	299	Th. tons 18	94
Total coke and other by-products		25,847	..		14,571	..		6,921		3,324
	Value			Value			Value		Value	
	£'000			£'000			£'000		£'000	
Work done for which a direct charge was made										
Fitting and repair of appliances	2,508		402	1,024		229	1,143		256	
Repair and maintenance of public lamps	704		280	478		197	333		321	
Other work charged to consumers	1,436		311	643		190	603		194	
Work done for other undertakings	280		74	9		14	(g)		(g)	
Total work done for which a direct charge was made	4,929		..	2,155		..				
Less amount paid to contractors for work charged to consumers	372		111	75		60	2,079		771	
Net value of work charged for	4,557		..	2,079		..	2,079		771	
Rents received										
Prepayment supplement	3,988		314	618		99				
Meter rents	1,234		428	171		177	(1)		(1)	
Hire of appliances (excluding hire purchase payments)	1,512		405	351		202				
Total rents received	6,735		..	1,140		..	..		..

TABLE 8 (i) (contd.)

	1948 (a) (b)				1935 (c)	
	Companies		Local Authorities		Companies	Local Authorities
	Value	Entries	Value	Entries	Value	Value
	£'000	No.	£'000	No.	£'000	£'000
Net receipts from sales of purchased and reconditioned appliances (m)	2,119	..	1,078	..	(1)	(1)
Total principal products, value of work charged for and rents received	115,851	461	53,991	244	41,609	20,583

(a) For output of small undertakings see Table 23(11).

(b) Great Britain.

(c) United Kingdom.

(d) These figures include, for 1935, duplication in respect of supplies of gas purchased in bulk by Gas Undertakings employing more than ten persons on the average from other similar Gas Undertakings. No gas was purchased by Companies or Local Authorities in Northern Ireland in 1935.

(e) These figures do not include the output of gas recorded by undertakings whose returns were made on schedules for other trades. The output of gas at coke ovens was recorded as follows:-

	Mill. cu. ft.	£'000
1948	127,789	6,454
1935	57,382	1,144

This output of gas includes gas transferred to other works operated by coke oven undertakings as well as sales to other firms and gas undertakings.

The output of gas at blast furnaces was recorded as follows:-

	Mill. cu. ft.	£'000
1948	..	4,204
1935	2,730	740

A summary of particulars of the output of gas recorded by undertakings whose returns were made on schedules for other trades will be shown in a later summary volume.

(f) Including coke breeze.

(g) Not recorded separately.

(h) Output was returned in terms of the following equivalents:-

Ammoniacal liquor in terms of .880 ammonia.
Sulphate of ammonia in terms of 20.6 per cent. nitrogen.
Coal tar (crude) on the basis of 5 per cent. water content.

(i) Excluding the output of ammoniacal liquor at coke ovens which returned the following amounts:-

	Th. tons	£'000
1948	19	91
1935	11	14

(j) Excluding the output of coal tar (crude) at coke ovens which returned the following amounts:-

	Th. tons	£'000
1948	773	3,251
1935	546	776

(k) For the total sales (or production) of sulphate of ammonia see the report on the Fertiliser, Disinfectant, Insecticide and Allied Trades (Volume 2, Trade C).

(l) Not ascertained.

(m) Derived as follows:-

	Companies	Local Authorities
	£'000	£'000
Receipts from sales of appliances (new and second hand)	9,988	4,762
Less cost of appliances (including purchase tax)	7,778	3,677
Less work given out	91	7
Net receipts from sale of appliances	2,119	1,078

Work of construction, repair and maintenance carried out by employees of Gas Undertakings

Larger undertakings

TABLE 8 (ii)

	Value of work done (a)							
	1948 (b)				1935 (c)			
	New con- struction	Entries	Repair and main- tenance	Entries	Total	New con- struction	Repair and main- tenance	Total
	£'000	No.	£'000	No.	£'000	£'000	£'000	£'000
On depots, workshops, offices and other buildings								
Companies	145	112	573	303	719	163	577	740
Local Authorities	59	54	367	180	427	26	240	266
On plant and machinery								
Companies	965	204	4,815	420	5,780			2,413
Local Authorities	592	100	2,549	229	3,141			1,110
On depots, workshops, etc., and on plant and machinery, unclassified								
Companies	226	8	3,567	29	3,793	..	..	454
Local Authorities	2	..	495	6	497	..	..	123
On gas mains and services								
Companies	2,044	398	1,793	433	3,836			5,890 (d)
Local Authorities	1,452	226	932	236	2,364			2,271 (d)
Total work carried out								
Companies	3,380		10,747		14,128			9,497
Local Authorities	2,105		4,343		6,448			3,770
Total	5,486		15,090		20,576			13,267

(a) These values represent sums calculated to cover wages, salaries and the cost of materials used, together with, in 1935, an allowance for general establishment charges.

(b) Great Britain only.

(c) United Kingdom.

(d) Recorded as:-

	Companies	Local Authorities
	£'000	£'000
Work on street gas mains and services	2,397	1,160
Work done for consumers for which no direct charge was made	3,493	1,111
Total	5,890	2,271

TABLE 9 - Sales (or production) of principal products of the trade by establishments classified to other trades; Larger undertakings

This table is not applicable to the trade. See Table 8(1), note (e)

GAS, ELECTRICITY AND WATER
Sales (or production) in the trade of other
than principal products
Larger undertakings

TABLE 10

	1948 (a)(b)(c) Sales				1935 (d) Production			
	Companies		Local Authorities		Companies		Local Authorities	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Oil gas tar (crude)	Th. galls. 6,089	£'000 138	Th. galls. 2,453	£'000 61				
Spent oxide	Th. tons 103	179	Th. tons 81	144				
Coal tar products	Th. galls.		Th. galls.		..	(e)	..	(e)
Creosote oils (including anthracene oil)	13,564	407	4,691	141				
Creosote/pitch mixtures (made for use as fuel)	Th. tons 43	250	Th. tons 4	23	Th. tons		Th. tons	
Pitch	86	450	17	89	87	195	21	43
Tar (refined)	118	580	16	79	..	(e)	..	(e)
Benzole (crude)	Th. galls. 10,271	873	Th. galls. 5,716	461	Th. galls. 5,358	213	Th. galls. 1,876	81
Benzole products								
Benzole (refined) (f)	6,357	699	822	90	9,374	589	1,128	64
Toluole (refined) (f)	279	36	-	-	..	(e)	..	(e)
Other by-and waste products including electricity	..	1,840	..	191	..	1,050(g)	..	378(g)
Total		5,451		1,279		2,047		566

(a) For output of small undertakings see Table 23(11).

(b) Great Britain only.

(c) Partly estimated.

(d) United Kingdom.

(e) Included in the figure for "Other by-and waste products including electricity".

(f) Output was returned in terms of the following equivalents:-

Benzole (refined) in terms of motor benzole.
Toluole (refined) in terms of 90's toluoles.

(g) Recorded as:-

	Companies		Local Authorities	
	Quantity	Value	Quantity	Value
Coal tar (refined)	Th. tons 138	£'000 438	Th. tons 43	£'000 129
Naphtha (in terms of crude naphtha)	Th. galls. 699 147	3	Th. galls. 72 253	7
Naphtha solvent	276	15	225	8
Naphthalene (excluding naphthalene oil) (in terms of crude naphthalene)	Th. cwts. 78	29	Th. cwts. 8	2
Heavy coal tar oils	Th. galls.		Th. galls.	
Tar oil	519	10	56	1
Other (including anthracene oil and creosote oil)	12,315	288	4,702	88
Other distillation products (including carbolic and cresylic acids and toluole)	..	105	..	76
Waste and other products	..	162	..	67
Total		1,050		378

GAS SUPPLY INDUSTRY
Analysis of sales, 1948
Larger undertakings in Great Britain
(i) Gas (a)

TABLE 11

	Number of consumers	Gas sold		
		Mill.cu.ft.	Th. therms	Therms as percentage of total sales
Domestic consumers				
Credit	3,270,520	94,541	448,778	20.9
Prepayment	7,516,477	189,094	892,604	41.5
Total domestic	10,786,997	283,635	1,341,382	62.3
Industrial premises				
Separate supply authorised by special Act or Order				
Purified	1,105	1,354	6,287	0.3
Unpurified	21	3,512	17,481	0.8
Other industrial	104,788	99,758	447,861	20.8
Total industrial	105,914	104,624	471,629	21.9
Commercial premises	528,899	52,158	248,742	11.6
Public administration				
Central Government Departments including H.M. Services	18,193	3,833	18,386	0.9
Local Government (other than public lighting)	36,664	7,194	34,032	1.6
Total public administration	54,857	11,027	52,418	2.4
Public lighting (b)	-	8,095	37,970	1.8
Total sales	11,476,667	459,538	2,152,141	100.0

(a) Excluding gas sold in bulk by Gas Undertakings to other Gas Undertakings.

(b) The number of lamps available for use was 645,159. The number of lamps in use on December 31, 1948 was 581,765.

(ii) Coke and other by-products

TABLE 11 (contd.)

	Coke and coke breeze		All other by-products	
	Sales	Percentage of total sales	Sales	Percentage of total sales
	£'000		£'000	
Sales (or transfers) to other organisations under the same control				
Productive works	432	1.3	432	3.3
Export sales organisations (including branches abroad)	5	0.0	1	0.0
Other wholesale or selling organisations	84	0.2	155	1.1
Retail shops, etc.	28	0.1	-	0.0
Total sales (or transfers) to other organisations under the same control	550	1.6	589	4.5
Sales to independent buyers				
Exports invoiced directly overseas and exports invoiced to the Crown Agents and purchasing houses in this country of individual firms and governments abroad	173	0.5	245	1.9
His Majesty's Government and Local Authorities (other than productive establishments)	1,110	3.2	72	0.6
Manufacturers, repairers, builders, mines, public utilities and transport and other productive undertakings	1,612	4.7	2,384	18.4
Wholesalers, merchants and other agents for resale	19,208(a)	56.1	4,255(b)	32.9
Other gas undertakings for resale	274	0.8	371	2.9
Farmers, market gardeners and horticulturists	113	0.3	47	0.4
Other businesses and institutions of all kinds	1,022	3.0	369	2.9
Direct sales to the public (for domestic consumption) including sales to employees	3,171	9.3	35	0.3
Unclassified	6,972	20.4	4,574	35.3
Total sales to independent buyers	33,656	98.4	12,353	95.5
Total	34,206	100.0	12,942	100.0

(a) Of this total £16,896,000 was recorded as divided between £2,981,000 for export and £13,915,000 for other sales.

(b) Of this total £3,467,000 was recorded as divided between £1,425,000 for export and £2,042,000 for other sales.

Production, exports and imports of certain principal products (a)

TABLE 12

		Production (b)	Exports	Retained imports
		Th. tons	Th. tons	Th. tons
Gas coke	{ 1948	8,776	635	-
	{ 1935	7,753(c)	865	6

(a) Figures of sales (or production) refer only to larger undertakings in Great Britain (1948) or the United Kingdom (1935). All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.

(b) Sales in 1948 and production for sale in 1935.

(c) Including coke breeze.

Materials and fuel purchased and used
Larger undertakings (a)

TABLE 13

	1948 (b)				1935 (c)			
	Companies		Local Authorities		Companies		Local Authorities	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000
Coal for all purposes (see below)								
Coke, coke breeze and other by-products (d)	330.6	1,907 (e)	40.7	189 (e)	111.7	82	22.2	17
Gas oil	Th. galls. 91,362.8	3,537	Th. galls. 30,837.3	1,274				
Gas purifying materials	..	285	..	202				
Gas mains and service pipes (iron and steel)	Th. tons 74.6	1,864	Th. tons 41.6	1,059				
Iron and steel (other than component parts and gas pipes)	9.5	226	3.9	92				
Cement	9.2	37	5.2	26	..	3,928 (f)	..	1,767 (f)
Building bricks	Mill. 6.9	33	Mill. 2.0	14				
Refractory bricks	Th. tons 36.4	296	Th. tons 8.6	109				
			..	19				
Timber (including plywood and veneers)	..	109	..	42				
All* other purchased materials	..	7,274	..	4,561				
Gas purchased								
From gas undertakings	Mill. cu. ft. 11,250 Th. therms 55,260	1,628	Mill. cu. ft. 3,290 Th. therms 15,676	386	Mill. cu. ft. 925 Th. therms 4,244	94	Mill. cu. ft. 545 Th. therms 2,445	19
From other sources	Mill. cu. ft. 39,064 Th. therms 194,087		2,004		Mill. cu. ft. 21,206 Th. therms 105,331		1,210		Mill. cu. ft. 13,695 Th. therms 68,015	353	Mill. cu. ft. 6,912 Th. therms 33,487	208
Total gas purchased	Mill. cu. ft. 50,314 Th. therms 249,347	3,632	Mill. cu. ft. 24,496 Th. therms 121,008	1,597	Mill. cu. ft. 14,520 Th. therms 72,259	447	Mill. cu. ft. 7,457 Th. therms 35,932	227

TABLE 13 (contd.)

	1948 (b)				1935 (c)			
	Companies		Local Authorities		Companies		Local Authorities	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
Fuel and electricity	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000
Coal for all purposes	15,167.6	46,340	9,130.2	25,588	11,336.4	11,546	6,554.9	6,349
Electricity purchased (g)	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)	
From public supply	61,196	288	38,072	158				
From other sources	779	4	743	4	4,665	16	10,955	35
Electricity obtained from other works under the same ownership	74	1	29	-				
Motor spirit (petrol) and derv. fuel	Th. galls.		Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	2,574	234	943	84	..	(h)	..	(h)
Used for other power purposes	632	56	277	24				
Other oil fuel (including creosote/pitch mixtures)	2,152	101	208	8	35,753	550 (1)	8,493	132 (1)
All other purchased fuel	..	31	..	2	..	(h)	..	(h)
Total		66,258 (k)		35,051 (k)		16,569		8,527

- (a) For materials and fuel purchased by small undertakings see Table 24(11).
(b) Great Britain only.
(c) United Kingdom.
(d) The quantity figures shown for 1948 relate to coke and coke breeze only. The 1935 figures (quantity and value) were recorded as relating to "Coke".
(e) Total purchases (not adjusted for changes in stocks) whether for re-sale or for use as materials.
(f) Including coke by-products and fuel not specified separately.
(g) The total quantity of electricity consumed in 1948 by Companies was 131,348,000 B. T. units including 69,300,000 generated in the same works, and by Local Authorities 56,968,000 B. T. units including 18,123,000 generated in the same works.
(h) Not recorded separately.
(i) Described as "Heavy fuel oil".
(k) Including materials for maintenance supplied to contractors.

Stocks of materials and fuel and by-products, 1948
Larger undertakings in Great Britain

TABLE 14

	At beginning of year				At end of year			
	Companies		Local Authorities		Companies		Local Authorities	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000
Coal for all purposes	1,799	4,816	855	2,056	1,601	4,770	732	1,919
Coke and coke breeze, whether made or purchased	316	673	91	229	689	1,609	323	710
Other by-products, whether made or purchased	..	745	..	342	..	642	..	398
All other purchased materials and fuel	..	8,345	..	3,590	..	9,967	..	4,200
Total		14,580		6,216		17,188		7,227

Employment and remuneration (a)
Larger undertakings
Companies and Local Authorities (b)

TABLE 15

	Average number of operatives		Administrative, technical and clerical employees (c)		Total	
	1948 (d)	1935 (e)	1948 (d)	1935 (e)	1948 (d)	1935 (e)
Males						
Under 18	2,596	3,690	499	850	3,095	4,540
All ages	101,505	95,357	21,932	20,926	123,437	116,283
Females						
Under 18	28	34	994	329	1,022	363
All ages	1,863	1,167	6,520	3,799	8,383	4,966
Total						
Under 18	2,624	3,724	1,493	1,179	4,117	4,903
All ages	103,368	96,524	28,452 (f)	24,725	131,820 (f) (g) (h)	121,249
	£'000		£'000		£'000	
Total remuneration	33,658	..	11,634	..	45,292	..

(a) Excluded employees. The following numbers were employed at undertakings in this trade but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

Canteen workers	125 males	682 females
Other workers	233 males	148 females

- (b) See Table 25(1) for separate details of 1948 employment and remuneration in company and local authority undertakings respectively.
(c) Number at September 25, 1948, and October 12, 1935.
(d) Great Britain only.
(e) United Kingdom.
(f) There was, in addition, 1 male working proprietor in 1948. Working proprietors are included in the 1935 figures.
(g) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £1,089,000.
(h) The following persons (included in this total) were employed on special work by undertakings employing 100 or more persons:-

	Operatives	Administrative, technical and clerical employees
Gas showrooms	239	1,608
Other selling organisations or departments	323	1,700
Maintenance and repair of the undertakings' buildings, but not plant	1,173	79
Research work not directly connected with current production however charged	29	264

Wages and salaries paid, 1948 (a)

Larger undertakings in Great Britain

TABLE 16

	Amount paid by all undertakings	Undertakings making returns for the calendar year					
		Amount paid	Percentage of annual remuneration paid in				
			First quarter	Second quarter	Third quarter	Fourth quarter	Year
Wages and salaries of	£'000	£'000					
Operatives							
Companies	22,994	22,852	23.4	25.0	24.9	26.6	100.0
Local Authorities	10,664	10,626	23.8	25.0	25.3	25.9	100.0
Administrative, technical and clerical employees							
Companies	8,938	8,892	23.9	24.7	25.2	26.2	100.0
Local Authorities	2,695	2,688	24.2	25.1	25.3	25.4	100.0
Total							
Companies	31,933	31,744	23.6	25.0	25.0	26.5	100.0
Local Authorities	13,360	13,314	23.9	25.0	25.3	25.8	100.0
Total	45,292	45,058	23.7	25.0	25.1	26.3	100.0

(a) Including bonus and commission payments.

TABLE 17 - Payments for work done on materials given out, 1948

Larger undertakings in Great Britain

This table is not applicable to the trade.

Payments for certain services, 1948

Larger undertakings in Great Britain

TABLE 18

	Amount paid		
	Companies	Local Authorities	Total
	£'000	£'000	£'000
Repair and maintenance			
Of buildings	274	78	352
Of plant, machinery and vehicles	1,489	581	2,070
Unclassified	2,672	596	3,269
Hire of plant, machinery and vehicles	699	375	1,073
Advertising and market research			
Advertising in newspapers, magazines and periodicals	14	7	21
Other advertising services (poster display, despatch of circulars, etc.) and market research	24	9	33
Unclassified	76	14	89
Payments made for research work			
To research associations	12	9	21
To universities, institutions, academic bodies and similar agencies	8	9	18
To other commercial concerns	17	7	24
Postage, telephone, telegrams and cables	313	95	408
Commercial insurance premiums	283	116	399
Amount payable in the year in respect of wayleaves, easements, etc.	15	8	23
Rates (excluding water rates) payable in the year (a)	1,851	1,125	2,976

(a) In addition 44 Companies and 25 Local Authorities recorded amounts of £260,000 and £153,000 respectively which included water rates.

Plant, machinery, vehicles and appliances acquired and disposed of, 1948

Larger undertakings in Great Britain

TABLE 19

	Acquisitions						Disposals			
	New			Second-hand			Total	Companies	Local Authorities	Total
	Companies	Local Authorities	Total	Companies	Local Authorities	Total				
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Plant and machinery (a) (b)	10,492	4,844	15,336	140	28	168	15,503	155	30	245
Vehicles	523	97	620	75	15	90	71	50	7	57
Mains and services	3,926	2,193	6,119	-	-	-	6,119	42	10	52
Appliances for hire	865	499	1,364	-	-	-	1,364	83	43	126
Total	15,806	7,633	23,439	216	41	257	23,396	330	151	481

(a) Including railway sidings and meters owned by Gas Undertakings.

(b) Including the following amounts returned as "Plant and machinery (including buildings)":-

	£'000
Companies	4,489
Local Authorities	595
Total	5,084

Capital expenditure on building work and changes in occupation of buildings and land, 1948

Larger undertakings in Great Britain

TABLE 20

	Companies	Local Authorities	Total
	£'000	£'000	£'000
1. Capital expenditure on building work (a)	794	413	1,206
2. Existing buildings and land (b)			
(1) Capital cost of freehold bought	85	12	97
Estimated capital value of			
(11) Rented property newly occupied in the year (c)	89	260	349
(111) Leasehold buildings and land newly occupied in the year	124	162	285
Total of heading 2	298	433	731
Total of headings 1 and 2	1,092	846	1,937
3. Existing buildings and land relinquished (d)			
(1) Selling value of freeholds sold	53	5	58
(11) Estimated value of other properties relinquished	678	302	979
Total of heading 3	729	307	1,036
4. Headings 1 and 2 less heading 3	363	538	901

(a) Excluding site value which, where appropriate, is included in heading 2 (1).

(b) The figures do not reflect changes in ownership of previously occupied land and buildings.

(c) Property which is occupied under an agreement for the payment of rent without the purchase of a lease or the payment of a premium.

(d) Including property destroyed or abandoned.

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Summary

Larger undertakings

TABLE 21

	Companies				Local Authorities			
	England	Wales	Scotland	Great Britain	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	118,893	3,114	2,181	124,187	44,753	1,429	11,188	57,369
Cost of materials and fuel used	63,140	1,643	1,118	65,901	27,375	821	6,898	34,892
Net putput	55,753	1,471	1,063	58,286	17,378	608	4,490	22,475
Wages and salaries of persons employed	30,651	819	483	31,933	10,355	423	2,582	13,360
Average number of persons employed	No.	No.	No.	No.	No.	No.	No.	No.
	87,077	2,495	1,527	91,099	31,058	1,376	8,288	40,722
Net output per person employed	£	£	£	£	£	£	£	£
	640	589	696	640	560	442	542	552
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Coke, coke breeze and other by-products	2,404	19	27	2,451	786	17	305	1,108
Materials and fuel	14,224	340	174	14,737	4,862	137	1,119	6,118
Number of returns	No.	No.	No.	No.	No.	No.	No.	No.
	359	41	61	461	173	23	48	244

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The values of gross output and of materials and fuel used are derived in the following way:-

TABLE 21 (contd.)

	Companies				Local Authorities			
	England	Wales	Scotland	Great Britain	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gas sold (see Table 23(1))	72,360	2,197	1,536	76,093	27,193	969	6,962	35,124
Sales of coke and by-products (including re-sales) (see Table 23(1))	30,433	428	436	31,298	12,446	228	3,176	15,850
Adjustment for stocks of coke and by-products	+1,019	+ 4	+ 9	+1,032	+ 374	+ 4	+ 158	+ 537
Less payments for transport	986	25	16	1,027	369	10	165	544
	30,466	407	430	31,303	12,452	222	3,169	15,844
Rents received (see Table 23(1))	6,506	173	56	6,735	887	40	212	1,140
Net receipts from sale of appliances (see Table 23(1))	2,013	79	29	2,119	909	26	143	1,078
Net value of work charged for (see Table 23(1))	4,390	139	38	4,557	1,791	79	210	2,079
Work of new construction carried out by employees of Gas Undertakings (see Table 23(1))	3,158	130	92	3,380	1,522	92	491	2,105
Gross output (production)	118,893	3,114	2,181	124,187	44,753	1,429	11,188	57,369
Materials and fuel used other than coke or by-products (see Table 24(1))	61,608	1,632	1,110	64,350	27,357	856	6,649	34,862
Coke and by-products purchased (see Table 24 (1))	1,865	28	14	1,907	124	7	59	189
	63,472	1,661	1,125	66,258	27,480	863	6,708	35,051
Less materials supplied to contractors for capital work	332	18	7	357	106	42	10	157
Cost of materials and fuel used	63,140	1,643	1,118	65,901	27,375	821	6,698	34,894

Summary

Small undertakings

TABLE 22

	Companies				Local Authorities			
	England	Wales	Scotland	Great Britain	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	1,512	206	488	2,206	95	58	102	256
Cost of materials and fuel purchased during the year	909	120	286	1,315	62	42	58	162
Net output (a)	603	86	202	891	33	16	44	94
	No.	No.	No.	No.	No.	No.	No.	No.
Average number of persons employed (b)	1,202	195	375	1,772	74	47	94	215
	£	£	£	£	£	£	£	£
Net output per person employed	502	438	539	503	452	345	469	436
	No.	No.	No.	No.	No.	No.	No.	No.
Number of returns	225	36	89	330	11	6	16	33

- (a) The value of net output here is the difference between gross output and the cost of materials and fuel purchased during the year.
 (b) Including working proprietors.

Sales, etc. in the trade
Larger undertakings(a)

TABLE 23(i)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
Gas	Mill. cu. ft.	£'000	Mill. cu. ft.	£'000	Mill. cu. ft.	£'000
Companies						
To other undertakings	14,444 Th. therms 71,384	1,955	64 Th. therms 239	7	14,509 Th. therms 71,603	1,962
To consumers	Mill. cu. ft. 280,193 Th. therms 1,331,784	72,602	Mill. cu. ft. 5,896 Th. therms 28,805	1,529	Mill. cu. ft. 286,089 Th. therms 1,380,589	74,131
Local Authorities						
To other undertakings	Mill. cu. ft. 2,881 Th. therms 13,184	425	Mill. cu. ft. 336 Th. therms 1,400	43	Mill. cu. ft. 3,217 Th. therms 14,585	469
To consumers	Mill. cu. ft. 139,822 Th. therms 633,530	27,737	Mill. cu. ft. 34,627 Th. therms 158,022	6,918	Mill. cu. ft. 173,449 Th. therms 791,552	34,655
Total gas						
To other undertakings	Mill. cu. ft. 17,325 Th. therms 84,549	2,380	Mill. cu. ft. 400 Th. therms 1,639	51	Mill. cu. ft. 17,726 Th. therms 86,188	2,430
To consumers	Mill. cu. ft. 419,016 Th. therms 1,985,314	100,339	Mill. cu. ft. 40,523 Th. therms 188,827	8,447	Mill. cu. ft. 459,538 Th. therms 2,152,141	108,786
Coke	Th. tons		Th. tons		Th. tons	
Companies	5,499	21,374	96	318	5,596	21,692
Local Authorities	2,572	8,982	608	2,006	3,180	10,938
Coke breeze						
Companies	646	868	6	8	651	874
Local Authorities	324	450	138	202	462	652
Ammoniacal liquor						
Companies	46	44	-	-	46	44
Local Authorities	28	56	1	5	29	61
Coal tar (crude)						
Companies	537 Th. galls. 10,418	2,234 213	20 Th. galls. 8	92 -	557 Th. galls. 10,426	2,326 214
Local Authorities	Th. tons 456 Th. galls. 7,758	2,061 208	Th. tons 112 Th. galls. 136	490 2	Th. tons 588 Th. galls. 7,894	2,551 210
Sulphate of ammonia	Th. tons		Th. tons		Th. tons	
Companies	58	697	-	-	58	697
Local Authorities	3	39	8	70	11	109
Total coke and other by-products						
Companies		25,429		418		25,847
Local Authorities		11,795		2,776		14,571

TABLE 23(i) (contd.)

	England and Wales		Scotland		Great Britain	
	Companies	Local Authorities	Companies	Local Authorities	Companies	Local Authorities
	Value	Value	Value	Value	Value	Value
	£'000	£'000	£'000	£'000	£'000	£'000
Work done for which a direct charge was made						
Fitting and repair of appliances	2,492	949	16	76	2,508	1,024
Repair and maintenance of public lamps	695	459	9	19	704	478
Other work charged to consumers	1,424	530	12	113	1,436	643
Work done for other undertakings	279	5	1	4	280	9
Total work done for which a direct charge was made	4,890	1,942	38	213	4,929	2,155
Less amount paid to contractors for work charged to consumers	371	72	1	3	372	75
Net value of work charged for	4,519	1,869	38	210	4,557	2,079
Rents received						
Prepayment supplement	3,949	473	40	145	3,988	618
Meter rents	1,225	167	9	4	1,234	171
Hire of appliances (excluding hire-purchase payments)	1,505	287	7	64	1,512	351
Total rents received	6,679	927	56	212	6,735	1,140
Net receipts from sales of purchased and reconditioned appliances	2,091	934	29	143	2,119	1,078
Total principal products, value of work charged for and rents received	113,274	43,688	2,076	10,303	115,351	53,991

TABLE 23(i) (contd.)

	England and Wales		Scotland		Great Britain	
	Companies	Local Authorities	Companies	Local Authorities	Companies	Local Authorities
	Value	Value	Value	Value	Value	Value
	£'000	£'000	£'000	£'000	£'000	£'000
Work of construction, repair and maintenance						
On depots, workshops, offices and other buildings						
New construction	144	53	1	6	145	59
Repair and maintenance	568	332	5	35	573	367
On plant and machinery						
New construction	932	489	33	103	965	592
Repair and maintenance	4,755	2,271	60	278	4,815	2,549
On depots, workshops, etc. and on plant and machinery, unclassified						
New construction	228	2	-	-	228	2
Repair and maintenance	3,587	156	-	339	3,587	495
On gas mains and services						
New construction	1,986	1,070	58	383	2,044	1,452
Repair and maintenance	1,747	654	45	278	1,793	932
Total new construction	3,288	1,613	92	492	3,380	2,105
Total repair and maintenance	10,637	3,413	110	930	10,747	4,343
Total work carried out	13,925	5,027	203	1,421	14,128	6,448
Total principal products, value of work charged for, rents received and work carried out	127,199	48,715	2,279	11,724	129,478	60,439

TABLE 23(i) (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
		£'000		£'000	Th. galls.	£'000
Other output						
Oil gas tar (crude)						
Companies	..	(b)	..	(b)	6,089	136
Local Authorities	..	(b)	..	(b)	2,453	61
Spent oxide	Th. tons		Th. tons		Th. tons	
Companies	102	178	1	1	103	179
Local Authorities	..	(b)	..	(b)	81	144
Coal tar products						
Creosote oils (including anthracene oil)					Th. galls.	
Companies	..	(b)	..	(b)	13,564	407
Local Authorities	..	(b)	..	(b)	4,691	141
Creosote/pitch mixtures made for use as fuel					Th. tons	
Companies	43	250	-	-	43	250
Local Authorities	..	(b)	..	(b)	4	23
Pitch						
Companies	86	450	-	-	86	450
Local Authorities	..	(b)	..	(b)	17	89
Tar (refined)						
Companies	..	(b)	..	(b)	118	580
Local Authorities	..	(b)	..	(b)	16	79
Benzole (crude)	Th. galls.		Th. galls.		Th. galls.	
Companies	10,239	872	31	2	10,271	873
Local Authorities	5,561	450	155	11	5,716	461
Benzole products						
Benzole (refined)						
Companies	6,357	699	-	-	6,357	699
Local Authorities	..	(b)	..	(b)	822	90

TABLE 23 (i) (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. galls.	£'000		£'000	Th. galls.	£'000
Other output (contd.)						
Benzole products (contd.)						
Toluole (refined)						
Companies	279	36	-	-	279	36
Local Authorities	-	-	-	-	-	-
Other by-and waste products including electricity						
Companies	..	1,836	..	4	..	1,840
Local Authorities	..	(b)	..	(b)	..	191
Total other output						
Companies		5,432		19		5,451
Local Authorities		879		400		1,279
Total						
Companies		132,831		2,298		134,929
Local Authorities		49,594		12,125		61,719
Total		182,226		14,422		196,648

(a) For output of small undertakings see Table 23(ii).

(b) Owing to the risk of disclosure of information relating to individual undertakings separate particulars cannot be given.

Sales, etc. in the trade

Small undertakings (a)

TABLE 23(ii)

	England and Wales			Scotland			Great Britain		
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	
	Mill. cu. ft.	Th. therms	£'000	Mill. cu. ft.	Th. therms	£'000	Mill. cu. ft.	Th. therms	£'000
Gas sold									
To other gas undertakings	66	286	13	-	-	-	66	286	13
To consumers	4,378	19,546	1,456	1,367	5,982	480	5,745	25,528	1,935
Coke and coke breeze made and sold		..	275		..	78		..	353
Other by-products made and sold		..	48		..	23		..	71
Services to consumers for which direct charges were made			79			10			89
Total			1,871			590			2,462

(a) Owing to the risk of disclosure of information relating to individual undertakings separate particulars for Companies and Local Authorities cannot be given.

Materials and fuel purchased and used

Larger undertakings (a)

TABLE 24 (i)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. tons.	£'000	Th. tons	£'000	Th. tons	£'000
Materials						
Coal for all purposes (see below)						
Coke, coke breeze and other by-products (b)						
Companies	327.4	1,893	3.2	14	330.6	1,907
Local Authorities	39.9	130	0.8	59	40.7	189
Gas oil	Th. galls.		Th. galls.		Th. galls.	
Companies	91,144.0	3,528	218.8	9	91,362.8	3,537
Local Authorities	26,606.5	1,105	4,230.8	169	30,837.3	1,274
Gas purifying materials						
Companies	..	281	..	4	..	285
Local Authorities	..	169	..	33	..	202
Gas mains and service pipes (iron and steel)	Th. tons		Th. tons		Th. tons	
Companies	73.0	1,817	1.7	47	74.6	1,864
Local Authorities	32.6	812	8.9	247	41.6	1,059
Iron and steel (other than component parts and gas pipes)						
Companies	9.3	218	0.2	8	9.5	226
Local Authorities	3.4	75	0.5	16	3.9	92
Cement						
Companies	9.0	36	0.2	1	9.2	37
Local Authorities	4.2	22	1.0	5	5.2	26
Building bricks	Mill.		Mill.		Mill.	
Companies	6.8	33	0.1	-	6.9	33
Local Authorities	1.7	12	0.3	2	2.0	14
Refractory bricks	Th. tons		Th. tons		Th. tons	
Companies	36.1	290	0.4	6	36.4	296
Local Authorities	8.3	103	0.3	6	8.6	109
	..	1	..	18	..	19
Timber (including plywood and veneers)						
Companies	..	109	-	-	..	109
Local Authorities	..	35	..	7	..	42
All other purchased materials						
Companies	..	7,181	..	83	..	7,274
Local Authorities	..	4,118	..	443	..	4,561

TABLE 24 (i) (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Gas purchased		£'000		£'000		£'000
From gas undertakings	Mill. cu. ft.		Mill. cu. ft.		Mill. cu. ft.	
Companies	11,189 Th. therms 55,014	1,621	61 Th. therms 246	7	11,250 Th. therms 55,260	1,628
Local Authorities	3,160 Th. therms 15,155	371	130 Th. therms 521	15	3,290 Th. therms 15,676	386
From other sources	Mill. cu. ft.		Mill. cu. ft.		Mill. cu. ft.	
Companies	38,045 Th. therms 188,995	1,960	1,018 Th. therms 5,092	45	39,064 Th. therms 194,087	2,004
Local Authorities	18,445 Th. therms 92,150	1,061	2,760 Th. therms 13,181	150	21,206 Th. therms 105,331	1,210
Total gas purchased	Mill. cu. ft.		Mill. cu. ft.		Mill. cu. ft.	
Companies	49,234 Th. therms 244,009	3,581	1,079 Th. therms 5,338	52	50,314 Th. therms 249,347	3,632
Local Authorities	21,606 Th. therms 107,306	1,431	2,890 Th. therms 13,702	165	24,496 Th. therms 121,008	1,597
Fuel and electricity						
Coal for all purposes	Th. tons		Th. tons		Th. tons	
Companies	14,846.5	45,458	321.1	882	15,167.6	46,340
Local Authorities	7,110.0	20,107	2,020.1	5,480	9,130.2	25,588
Electricity purchased (c)	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)	
From public supply						
Companies	60,873	286	323	2	61,196	288
Local Authorities	26,764	116	11,368	42	38,072	158
From other sources						
Companies	749	4	30	-	779	4
Local Authorities	739	4	4	-	743	4
Electricity obtained from other works under the same ownership						
Companies	74	1	-	-	74	1
Local Authorities	29	-	-	-	29	-

TABLE 24 (i) (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Fuel and electricity (contd.)	Th. galls.	£'000	Th. galls.	£'000		£'000
Motor spirit (petrol) and deriv. fuel						
Used for road vehicles						
Companies	2,542	231	31	3	2,574	234
Local Authorities	801	71	142	13	943	84
Used for other power purposes						
Companies	627	56	5	1	632	56
Local Authorities	243	21	35	3	277	24
Other oil fuel (including creosote/pitch mixtures)						
Companies	2,150	100	2	-	2,152	101
Local Authorities	202	8	7	-	208	8
All other purchased fuel						
Companies	..	30	..	1	..	31
Local Authorities	..	2	-	-	..	2
Total						
Companies		65,133		1,125		66,258
Local Authorities		28,343		6,708		35,051
Total		93,477		7,832		101,309

(a) For materials purchased by small undertakings see Table 24(ii).

(b) The quantity figures shown relate to coke and coke breeze only. The values represent total purchases (not adjusted for stocks) of coke, coke breeze and other by-products.

(c) Owing to the risk of disclosure of information relating to individual undertakings, separate particulars of the total quantity of electricity consumed in England and Wales and in Scotland cannot be given.

Purchased materials and fuel

Small undertakings (a)

TABLE 24(ii)

	England and Wales			Scotland			Great Britain		
	Quantity		Cost	Quantity		Cost	Quantity		Cost
	Mill. cu.ft.	Th. Therms	£'000	Mill. cu.ft.	Th. Therms	£'000	Mill. cu.ft.	Th. Therms	£'000
Gas bought in bulk	1,942	8,943	316	206	857	28	2,149	9,800	343
	Th. tons			Th. tons			Th. tons		
Coal for all purposes	205		678	95		283	300		961
	Th. galls.			Th. galls.			Th. galls.		
Gas oil for all purposes	58		3	9		1	67		3
All other fuel and materials	..		136	..		33	..		169
Total			1,133			344			1,477

(a) Owing to the risk of disclosure of information relating to individual undertakings separated particulars for Companies and Local Authorities cannot be given.

Employment and remuneration

Larger undertakings (a)

Companies

TABLE 25(i)

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees	Total
Males									
Under 18	1,992	328	2,320	32	2	34	2,024	330	2,354
All ages	66,868	16,202	83,070	1,210	158	1,368	68,078	16,360	84,438
Females									
Under 18	12	778	790	8	17	25	20	795	815
All ages	1,372	5,129	6,501	51	108	159	1,423	5,237	6,660
Total									
Under 18	2,004	1,108	3,110	40	19	59	2,044	1,125	3,169
All ages	68,240	21,331 (c)	89,571 (c) (d)	1,261	266	1,527 (d)	69,501	21,597 (c)	91,098 (c) (d)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	22,618	8,851	31,469	376	87	463	22,994	8,938	31,933

(a) For employment in small firms see Table 25(ii).

(b) Number at September 25, 1948.

(c) There was, in addition, one male working proprietor in England.

(d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £754,000; £741,000 for England and Wales, and £13,000 for Scotland.

Local Authorities (a)

TABLE 25(i)(contd.)

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees (b)	Total
Males									
Under 18	496	156	652	76	13	89	572	169	741
All ages	26,648	4,535	31,183	6,779	1,037	7,816	33,427	5,572	38,999
Females									
Under 18	3	149	152	5	50	55	8	199	207
All ages	305	946	1,251	135	337	472	440	1,283	1,723
Total									
Under 18	499	305	804	81	63	144	580	368	948
All ages	26,953	5,481	32,434 (c)	6,914	1,374	8,288 (c)	33,867	6,855	40,722 (c)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	8,582	2,196	10,778	2,082	500	2,582	10,664	2,695	13,360

(a) For employment in small firms see Table 25(ii).

(b) Number at September 25, 1948.

(c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £335,000; £268,000 for England and Wales, and £68,000 for Scotland.

Employment

Small undertakings

TABLE 25(ii)

	England and Wales		Scotland		Great Britain		
	Companies	Local Authorities	Companies	Local Authorities	Companies	Local Authorities	Total
Males							
Under 18	28	4	8	3	36	7	43
All ages	1,302	118	348	91	1,650	209	1,859
Females							
Under 18	9	-	3	1	12	1	13
All ages	95	3	27	3	122	6	128
Total							
Under 18	37	4	11	4	48	8	56
All ages	1,397	121	375	94	1,772	215	1,987

Monthly index of employment of operatives: Larger undertakings

(average employment in 1948 = 100)

Companies and Local Authorities

TABLE 26

Month	Monthly index (a)			Month	Monthly index (a)		
	England and Wales	Scotland	Great Britain		England and Wales	Scotland	Great Britain
1948				1948			
January	99.8	98.8	99.7	August	100.3	100.6	100.4
February	98.8	99.2	98.8	September	100.4	100.4	100.4
March	99.1	99.7	99.1	October	100.7	100.3	100.7
April	99.3	99.6	99.3	November	101.3	99.8	101.2
May	99.4	100.1	99.5	December	101.5	100.1	101.4
June	99.5	100.8	99.6	Percentage employment in this trade covered by the index	99.4	97.5	99.3
July	99.7	100.7	99.8				

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger undertakings that made returns for the calendar year 1948.

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