

ADMIRALTY

A.—NAVAL DOCKYARDS

Table I.—General summary

Particulars	1935-36*			1930-31*			1924-25*		
	£'000	£'000	£'000	£'000	£'000	£'000	No.	No.	No.
Value of products (Gross output) ...	10,092	8,745	9,910	3,177	3,148	3,358	6,915	5,597	6,552
Cost of materials, fuel and electricity used ...	3,177	3,148	3,358	No.	No.	No.	31,680	29,553	35,669
Net output ...	6,915	5,597	6,552	No.	No.	No.	218	189	184
Average number of persons employed ...	31,680	29,553	35,669	No.	No.	No.	11	3	†
Net output per person employed ...	218	189	184	11	3	†	11	†	†
Number of returns ...	11	3	†	11	†	†			
Number of establishments ...	11	†	†						

* Year ended 31st March.

† Not available.

Table II.—Output

Kind of output	1935-36			1930-31		
	Value of new work and goods made	Value of repair work	Total	Value of new work and goods made	Value of repair work	Total
	£'000	£'000	£'000	£'000	£'000	£'000
War vessels :—						
Dockyard-built ...	5,118*	4,637	10,453*	1,913	4,200	6,443
Contract-built ...	698*					
Steam vessels ...	—	353	353	42	578	620
Motor vessels :—						
Exceeding 50 tons gross	—	4	4	—	9	9
Not exceeding 50 tons gross ...	—	1	1	—	3	3
Other vessels ...	—	36	36	5	40	45
Ships' and boats' fittings made in the year ...	11	—	11	—	—	—
Floating docks ...	—	30	30	—	36	36
Propelling machinery for war vessels ...	161*	—	161*	152	—	152
Battle practice targets ...	—	7	7	—	6	6
Laying, repairing, etc., moorings ...	—	84	84	—	55	55
Miscellaneous work done on behalf of Naval Shore Establishments, etc. ...	—	278	278	—	441	441
Repairs to Naval stores and manufacture of stores for stock ...	—	1,709	1,709	—	840	840
Repairs to compasses and gear ...	—	24	24	—	20	20
Cordage, cables, ropes and twine :—						
Under ½ inch diameter	10	—	10	5	—	5
Of ½ inch diameter and over ...	133	—	133	65	—	65
Other ropery products ...	1	—	1	5	—	5
Total ...	9,132	7,163	13,295	2,517	6,228	8,745
Less work in progress at the beginning of the year ...	3,203	—	3,203	—	—	—
TOTAL ...	2,929	7,163	10,092	2,517	6,228	8,745

* This figure includes the value of ships, boats etc. completed in the year of return but not wholly constructed in that year, in respect of which work to the value of £3,203,000 had been carried out previous to the Censal year. The total value of work done in the year on vessels not completed at the end of the year was £1,803,000; this amount is included in the totals shown against these headings.

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935-36		1930-31
	Quantity	Cost	Cost
	Th. tons	£'000	£'000
Fuel and electricity used for all purposes :—			
Coal ...	48.3	46	3,143
Coke ...	9.8	12	
Heavy fuel oil ...	Th. galls. 427	5	
Purchased electricity* ...	Th. B.T.U. (Kw.-hrs.) 43,467	144	
All purchased materials and other fuel ...	—	2,970	
TOTAL ...	—	3,177	3,143

* Including electricity generated in other Admiralty establishments.

Table III B.—Consumption of coal, coke and electricity

Kind of fuel	1935-36		1930-31
	Th. tons	Th. tons	Th. tons
Coal ...	48.3	45.7	
Coke ...	9.8	9.3	
Electricity :—	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	
Generated in other Admiralty establishments ...	43,435	37,644	
Purchased ...	32	36	
Total electricity consumed ...	43,467	37,680	

Table IV.—Average numbers employed

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
Operatives (average for the year) ...	1,067	29,313	1	314	1,068	29,627
Administrative, technical and clerical staff* ...	902	27,131	2	320	904	27,451
1935 ...	20	1,662	55	391	75	2,053
1930 ...	70	1,906	25	196	95	2,102
TOTAL ...	1,087	30,975	56	705	1,143	31,680
1930-31 ...	972	29,037	27	516	999	29,553

* As at 12th October, 1935, and 18th October, 1930.

B.—NAVAL ORDNANCE DEPOTS

Table I.—General summary

Particulars	1935-36*			1930-31*			1924-25*		
	£'000	£'000	£'000	£'000	£'000	£'000	No.	No.	No.
Value of products (Gross output) ...	2,752	2,709	2,518	1,461	1,624	1,194	1,291	1,085	1,324
Cost of materials, fuel and electricity used ...	1,461	1,624	1,194	No.	No.	No.	6,837	6,099	6,574
Net output ...	1,291	1,085	1,324	No.	No.	No.	189	178	201
Average number of persons employed ...	6,837	6,099	6,574	No.	No.	No.	18	7	†
Net output per person employed ...	189	178	201	No.	No.	No.	21	†	†
Number of returns ...	18	7	†	21	†	†			
Number of establishments ...	21	†	†						

* Year ended 31st March.

† Not available.

Table II.—Output

Kind of output	1935-36	1930-31
Propellant powders, explosives, etc. ...	£'000 342	£'000 479
Manufacture, repair and overhaul of naval ordnance ...	1,151	642
Repair, overhaul and filling of ammunition ...	1,232	1,480
Scrap metal sold ...	7	3
Total ...	2,732	2,604
Work in progress:—		
Addition on account of work in progress at the end of the year ...	335	334
Deduction on account of work in progress at the beginning of the year ...	315	229
TOTAL ...	2,752	2,709

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935-36		1930-31
	Quantity	Cost	Cost
	Th. cwts.	£'000	£'000
Nitrate of soda ...	46.7	18	1,624
Glycerine ...	7.4	17	
Pyrites ...	49.3	3	
Iron and steel:—			
Bars and rods ...		6	
Angles, shapes and sections ...		1	
Plates, sheet and strip ...		3	
Forgings ...		135	
Copper (in all forms) ...		4	
Tin (in all forms) ...		5	
Non-ferrous alloys (in all forms) ...		2	
Fuel and electricity used for all purposes:—	Th. tons		
Coal ...	27.5	29	
Coke ...	2.0	3	
Heavy fuel oil ...	Th. galls. 27	1	
Purchased electricity* ...	Th. B.T.U. (Kw.-hrs.) 10,133	41	
All other purchased materials and fuel ...		1,193	
TOTAL ...		1,461	1,624

* Including electricity generated in other Admiralty establishments.

Table III B.—Consumption of coal, coke and electricity

Kind of fuel	1935-36	1930-31
Coal ...	Th. tons 27.5	Th. tons 15.6
Coke ...	2.0	1.1
	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Electricity:—		
Generated in same establishment ...	44	6,033
Generated in other Admiralty establishments ...	6,975	
Purchased ...	3,158	
Total electricity consumed ...	10,177	7,206

Table IV.—Average numbers employed

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
	Operatives (average for the year) ...	148	6,389	—	22	148
Administrative, technical and clerical staff* ...	170	5,638	—	61	170	5,699
	1935	378	1	48	2	426
	1930	372	7	28	8	400
TOTAL ...	149	6,767	1	70	150	6,837
	171	6,010	7	89	178	6,099

* As at 12th October, 1935, and 18th October, 1930.

C.—CIVIL ENGINEERING DEPARTMENT

Table I.—General summary

Particulars	1935-36*	1930-31*	1924-25*
Value of products (Gross output) ...	£'000 707	£'000 747	£'000 905
Cost of materials, fuel and electricity used ...	198	196	219
Net output ...	509	551	686
	No.	No.	No.
Average number of persons employed ...	3,899	4,029	4,470
	£	£	£
Net output per person employed ...	130	137	153
	No.	No.	No.
Number of returns ...	6	5	†
Number of establishments ...	6	†	†

* Year ended 31st March.

† Not available.

Table II.—Output

Kind of output	1935-36	1930-31
	£'000	£'000
Work done on buildings:—		
New construction:—		
Factories and workshops ...	73	69
Public buildings ...	—	18
Dwellings (including tenements) erected with the aid of public funds ...	—	3
Other residential houses, shops, offices and hotels ...	10	10
Other buildings ...	56	44
Repair and maintenance work ...	221	236
Other work:—		
Construction, alteration, repair or maintenance of:—		
Harbours, wharves, docks and piers (including dredging) ...	100	153
Railways and light railways ...	40	39
Highways (roads, bridges, footpaths, surface drains, etc.) ...	23	17
Recreation or sports grounds ...	5	6
Sewers and sewage disposal works ...	18	6
Sea walls and embankments ...	35	31
Waterworks ...	13	10
Other works ...	113	75
TOTAL ...	707	747

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935-36		1930-31	
	Quantity	Cost	Cost	
	Million	£'000	£'000	
Bricks ...	2.0	8	196	
Cement ...	Th. tons 7.1	18		
Timber:—	Th. cub. ft.			
Hard ...	12.9	3		
Soft ...	Th. loads 3.6	22		
Steel used for re-inforcement ...	0.7	7		
Other structural iron and steel ...	0.9	11		
Fuel and electricity used for all purposes:—				
Coal ...	5.7	5		
Coke ...	0.4	1		
Heavy fuel oil ...	Th. galls. 139	1		
Purchased electricity* ...	Th. B.T.U. (Kw.-hrs.) 353	1		
All other purchased materials and fuel ...		121		
TOTAL ...		198		196

* Including electricity generated in other Admiralty establishments.

Table III B.—Consumption of coal, coke and electricity

Kind of fuel	1935-36		1930-31	
	Th. tons	Th. tons	Th. tons	Th. tons
Coal	5.7	6.4		
Coke	0.4	0.3		
	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Electricity:—				
Generated in same establishment	2	} 108		
Generated in other Admiralty establishments	342			
Purchased	11		2	
Total electricity consumed	355		110	

Table IV.—Average numbers employed

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
	Operatives (average for the year)	46	3,651	—	10	46
Administrative, technical and clerical staff*	60	3,784	—	9	60	3,793
	3	226	—	12	3	238
	4	227	—	9	4	236
TOTAL	49	3,877	—	22	49	3,899
	64	4,011	—	18	64	4,029

* As at 12th October, 1935, and 18th October, 1930.

D.—ELECTRICITY UNDERTAKINGS

Table I.—General summary

Particulars	1935-36*	1930-31*	1924-25*
Value of products (Gross output)	£'000 298	£'000 263	£'000 206
Cost of materials, fuel and electricity used	108	107	151
Net output	190	150	55
	No.	No.	No.
Average number of persons employed	344	380	411
	£	£	£
Net output per person employed	552	421	134
	No.	No.	No.
Number of returns	9	2	†
Number of establishments	9	†	†

* Year ending 31st March.

† Not available.

Table II A.—Electricity generated

	Th. B.T.U. (Kw.-hrs.)
1935-36	107,510
1930-31	90,860

Table II B.—Electricity supplied

Electricity supplied	1935-36		1930-31	
	Quantity	Value	Quantity	Value
	Th. B.T.U. (Kw.-hrs.)	£'000	Th. B.T.U. (Kw.-hrs.)	£'000
For public lighting (i.e., to townships or private firms or institutions outside the dockyards)...	483	2	30	*
General supply to naval establishments and ships	94,388	296	77,996	263
TOTAL	94,871	298	78,026	263

* Less than £500.

Work of construction, alteration and repair carried out by employees of the Admiralty on the buildings and plant of the generating stations amounted to £49,000 in 1935-36 and £40,000 in 1930-31, these sums being charges on the value of the electricity supplied.

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935-36		1930-31
	Quantity	Cost	Cost
	Th. B.T.U. (Kw.-hrs.)	£'000	£'000
Purchased electricity*	2,120	7	} 107
Coal and heavy fuel oil used for all purposes:—	Th. tons		
Coal	99.4	82	
Heavy fuel oil	Th. galls.	4	
All other purchased materials and fuel	258	15†	
TOTAL	...	108	107

* In 1930-31, the number of units purchased was 1,262,000.

† Of this amount £11,000 represents the cost of materials, etc., purchased and used in connection with the work of construction, repair, etc.

Table III B.—Consumption of coal and electricity

Kind of fuel	1935-36		1930-31	
	Th. tons	Th. tons	Th. tons	Th. tons
Coal	99.4	90.9		
	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Electricity:—				
Generated at the same station!	3,760	3,581		

Table IV.—Average numbers employed

Persons employed	Males		
	1935-36	1930-31	
	Operatives (average for the year)	5	2
	All ages	316	349
Administrative, technical and clerical staff*	Under 18	—	—
	All ages	28	31
TOTAL	Under 18	5	2
	All ages	344	380

* As at 12th October, 1935, and 18th October, 1930.

E.—NAVAL VICTUALLING YARDS

Table I.—General summary

Particulars	1935-36*	1930-31*	1924-25*
Value of products (Gross output)	£'000 27	£'000 25	£'000 38
Cost of materials, fuel and electricity used	15	19	31
Net output	12	6	7
Average number of persons employed	No. 50	No. 53	No. 35
Net output per person employed	£ 237	£ 113	£ 199
Number of returns	4	4	†
Number of establishments	4	†	†

* Year ended 31st March.
† Not available.

Table II.—Output

Kind of output	1935-36	1930-31
Cocoa and chocolate powder	£'000 11	£'000 14
Wet or tight coopering :—		
Hand-made casks for breweries and distilleries	8	5
Dry coopering :—		
Hand-made casks and kegs	2	2
White coopering :—		
Churns, tubs, buckets, etc.	1	2
Casks re-made, re-conditioned, etc.	5	2
TOTAL	27	25

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935-36		1930-31
	Quantity	Cost	Cost
Timber, hard	£'000 5	£'000 19
Hoop and strip of iron and steel	1	
Purchased electricity*	Th. B.T.U. (Kw.-hrs.) 28	†	
All other purchased materials and fuel	9	
TOTAL	15	19

* Including electricity generated in other Admiralty establishments.
† Less than £500.

Table III B.—Consumption of coal, coke and electricity

Kind of fuel	1935-36	1930-31
Coal	Th. tons *	Th. tons *
Coke
Electricity :—	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Generated in other Admiralty establishments	1	2
Purchased	27	27
Total electricity consumed	28	29

* Less than 50 tons.

Table IV.—Average numbers employed

Persons employed	Males (over 18)	
	1935-36	1930-31
Operatives (average for the year)	48	51
Administrative, technical and clerical staff*	2	2
TOTAL	50	53

* As at 12th October, 1935, and 18th October, 1930.

F.—ADMIRALTY CHART ESTABLISHMENT

Note.—Information was not furnished in respect of this establishment at the 1930 or 1924 Censuses.

Table I.—General summary

Particulars	Unit	1935-36*
Value of products (Gross output)	£'000	96
Cost of materials, fuel and electricity used	"	9
Amount paid for work given out	"	6
Net output	"	81
Average number of persons employed	No.	123
Net output per person employed	£	659
Number of returns	No.	1
Number of establishments	"	1

* Year ended 31st March.

Table II.—Output

Kind of output	1935-36
Lithographic, chromo-litho and photo-litho printing	£'000 69
Copper and steel printing	27
TOTAL	96

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935-36	
	Quantity	Cost
Printing paper	Th. cwts. 1.7	£'000 8
Coke	Th. Cons 0.1	*
Purchased electricity	Th. B.T.U. (Kw-h) 41	*
All other purchased materials and fuel	1
TOTAL	9

* Less than £500.

Table III B.—Consumption of electricity

	Th. B.T.U. (Kw.-hrs.)
Purchased electricity	41

Table IV.—Average numbers employed

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
Operatives (average for the year)	2	97	3	12	5	109
Administrative, technical and clerical staff*	—	9	—	5	—	14
TOTAL	2	106	3	17	5	123

* As at 12th October, 1935.