

PA500

BUSINESS MONITOR

A publication of the Government Statistical Service

Report on the Census of Production 1988 Construction industry

Reporting unit

The register

Industrial classification

- 1. These notes give the information needed for interpreting the figures in this Business Monitor. Most general information about the construction industry is contained in a separate chapter in the Business Monitor...
2. The Department of Economic Development conducts the Annual Census of Production for Northern Ireland...
4. For construction, the reporting unit is referred to as the undertaking...
5. The census was conducted on the basis of the Standard Industrial Classification Revised 1980...

Group 500 General construction and demolition work
Group 501 Construction and repair of buildings
Group 502 Civil engineering
Group 503 Installation and maintenance of electrical and electronic equipment
Group 504 Building completion work
Group 505 Installation of furniture and equipment

Period covered

Estimation of figures

- 8. Undertakings were asked to make returns in respect of the calendar year but a return for a financial year ending on any date from 6 April 1988 to 5 April 1989 was accepted...
9. All published census results include estimates for non-responders, unsatisfactory returns and undertakings not selected for the census...
10. For Great Britain, ratio estimates were obtained from auxiliary returns using as the auxiliary variables, either employment or output figures...

CENTRAL STATISTICAL OFFICE
Business Statistics Office

London: Her Majesty's Stationery Office



The information in this report relates to United Kingdom undertakings engaged in the construction industry - Division 5 of the Standard Industrial Classification (Revised 1980). For more detail see paragraph 7 of the notes on page 3.

The report covers the construction work done by private undertakings and by persons directly employed by local authorities, public authorities and government departments. It excludes construction work carried out by the employees of nationalised industries and transport and water undertakings, except for the housing departments of the National Coal Board.

**In interpreting the data in the tables it is essential to bear in mind the notes and definitions which commence on page 3.**

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Name.....  
 Organisation.....  
 Address.....  
 County.....

**Introduction**

1. These notes give the information needed for interpreting the figures in this Business Monitor. More general information about the census is given in a separate Business Monitor - Report on the Census of Production, Introductory Notes (PA 1001).

**Coverage**

2. All private undertakings in Great Britain with 50 or more employees were required to make a return, together with a 1-in-2 sample of those with from 20 to 49 employees. Public authorities were sampled in a similar fashion in respect of their direct labour construction work. Shorter census forms were re-introduced in 1985 following the 1984 benchmark census. Copies of the private and public sector forms can be found at appendices A and B respectively.
3. The Department of Economic Development conducts the Annual Census of Construction for Northern Ireland. The information collected is passed to the Business Statistics Office for incorporation in the United Kingdom tables. Undertakings in the Channel Islands and the Isle of Man are excluded.

**Reporting unit**

4. For construction, the reporting unit is referred to as the undertaking. An undertaking need not be a single geographical location and cannot be broken down into local units. Because of this, regional data are not available from the census.

**The register**

5. The census was conducted on the Business Statistics Office's construction register. This register was created from the Department of the Environment's builders' address file of undertakings in Great Britain to which the addresses of public authorities' direct labour departments have been added. Use was also made of classification information collected in the Private Contractors' Census conducted annually (in October) by the Department of the Environment.

**Industrial classification**

6. Since 1980, censuses have been conducted on the Standard Industrial Classification Revised 1980 (SIC(80)). The Standard Industrial Classification exists to promote uniformity and comparability in the official statistics of the United Kingdom. The SIC(80) is the result of an attempt to align the United Kingdom classification with the General Industrial Classification of Economic Activities within the European Communities (NACE). It is based on activity rather than on commodities produced. A full description of SIC(80) is given in Standard Industrial Classification Revised 1980, obtainable from Her Majesty's Stationery Office, price £4.25.

7. Activities included in Division 5 of the Standard Industrial Classification (Revised 1980) are:-

Group 500 General construction and demolition work

Undertakings engaged in building and civil engineering work, not sufficiently specialised to be classified elsewhere in Division 5, demolition work and the hiring of contractors plant (with operatives) are included as are direct labour establishments of local authorities and government departments. The hiring of contractors plant (without operatives) is classified to Division 8, Group 842.

Group 501 Construction and repair of buildings

Undertakings engaged in the construction, improvement and repair of both residential and non-residential buildings, including specialists engaged in sections of construction and repair work such as bricklaying, building maintenance and restoration, carpentry, roofing, scaffolding and the erection of steel and concrete structures for buildings are included.

Group 502 Civil engineering

Construction of roads, car parks, railways, airport runways, bridges and tunnels. Hydraulic engineering, e.g. dams, reservoirs, harbours, rivers and canals. Irrigation and land drainage systems. Laying of pipe-lines, sewers, gas and water mains and electricity cables. Construction of overhead lines, line supports and aerial towers. Construction of fixed concrete oil production platforms. Construction work at oil refineries, steels works, electricity and gas installations and other large sites. Shaft drilling and mine sinking. Laying out of parks and sports grounds. Contractors responsible for the design, construction and commissioning of complete plants are classified to Group 324. Manufacture of construction steelwork is classified to Group 320.

Opencast coalmining is classified to Division 1, Group 111.

Group 503 Installation of fixtures and fittings

Undertakings engaged in the installation of fixtures and fittings, including such things as gas fittings, plumbing, heating and ventilation plant, sound and heat insulation, electrical fixtures and fittings are included.

Group 504 Building completion work

Undertakings specialising in building completion work such as painting and decorating, glazing, plastering, tiling, on-site joinery and carpentry, flooring (including parquet floor laying), installation of fire places etc. are included.

**Period covered**

8. Undertakings were asked to make returns in respect of the calendar year but a return for a business year ending on any date from 6 April 1988 to 5 April 1989 was accepted. Returns covering less than 12 months were accepted for businesses which had started or ceased trading during the year.

**Estimation of figures**

9. All published census results include estimates for non-responders, unsatisfactory returns and undertakings not selected for the census.
10. For Great Britain, ratio estimates were obtained from satisfactory returns using, as the auxiliary variables, either employment or output figures obtained in the Department of the Environment's inquiries for 1988. Separate ratios were calculated for each industry sub-division by employment size strata. These ratios are used to provide estimates for non-responding undertakings or smaller units not covered by the inquiry. For Northern Ireland, the Business Statistics Office made individual estimates for non-response using the information available from previous census returns; for small firms not sampled estimation was made on the basis of employment figures supplied by the Department of Economic Development.



**SYMBOLS USED**

11. The following symbols are used throughout the PA series of Business Monitors:

- .. not available
- nil or less than half the final digit shown
- \* figures cannot be shown owing to the risk of disclosing information about individual enterprises.
- R revised.

**ROUNDING OF FIGURES**

12. Figures in the tables have been rounded to the nearest final digit where necessary. The sum of the constituent items may not, therefore, always agree exactly with the total shown.

**TERMS USED IN THE CENSUS REPORT****Total employment**

13. This is the average number of administrative, technical and clerical employees and operatives on the payroll and the number of working proprietors employed during the year of return. Full-time and part-time employees are included, but casual employees are excluded.

**Employees**

14. Undertakings were required to state the average number of employees on the payroll during the year of return, whether full-time or part-time employees, excluding working proprietors. The figure returned by individual undertakings may have been calculated by, for example, the average of the number of employees on the payroll for the last week of each calendar month.

**Administrative, technical and clerical employees**

15. This includes employees (including learners and trainees) engaged in the business who do not do manual work, e.g. managing and other directors in receipt of a definite wage, salary or commission, managers, architects, surveyors, engineers, other professionals, training officers, superintendents, research, experimental, technical and design staff, draughtsmen and tracers, travellers, sales and office (including works office) staff, and general foremen and other supervisors. Public authorities were asked to include only such a proportion of total office and management staff as was fairly attributable to the building and civil engineering work carried out by direct labour employees.

**Operatives**

16. This covers all other employees, both on-site and off-site. It includes manual wage earners, apprentices, working foremen, operatives engaged in transport work, stores and warehouses, canteen workers and operatives engaged on the manufacture of goods for sale.

**Working proprietors**

17. These are people who are regarded as self-employed for national insurance purposes, members of their families who worked in the business without receiving a definite wage or salary for at least half the normal working hours and directors who worked in the business but did not receive a definite wage, salary or commission. Part-time directors paid by fee only and directors who received a definite wage, salary or commission were excluded.

Estimates for the number of working proprietors were taken from figures supplied by the Department of the Environment.

**Gross output**

18. This figure represents the value of work (including sub-contract work) done and work in progress during the period and includes the sales of goods and receipts for services rendered to other organisations (including hiring out of plant, machinery and scaffolding and rents for industrial buildings). Figures for goods on hand for sale were not collected for the years 1985, 1986, 1987 and 1988 and have not been used in the calculation of gross output for those years.

**Gross output per head**

19. This is calculated by dividing gross output by total employment.

**Purchases of construction and other materials, fuel and electricity and goods for merchandising or factoring**

20. These include the cost of raw materials and goods used or incorporated in buildings and civil engineering work or in production; of fuel and electricity for all purposes; of packaging materials, including the full cost of returnable cases and containers when first purchased; of workshop materials, office materials and materials for repairs to an undertaking's own buildings, plant and vehicles carried out by their own work people included in the return; of consumable tools, and of parts for machinery purchased during the year as replacements. Water charges and purchases of goods for merchandising or factoring are also included. Materials supplied by customers for processing are excluded, as are all purchases of plant and machinery charged to capital account.

21. The values shown exclude value added tax but include any duty paid (less rebate, etc.). Values exclude trade discounts allowed. The cost of transport is included only if included in the cost of materials as invoiced; amounts paid to transport organisations, including an establishment's own separate transport organisation, for delivery of materials and fuel are therefore excluded. Materials purchased overseas are included at their full delivered cost. If, however, the cost of transport from the docks was not included in the invoiced price, then the c.i.f. cost plus any duty payable is used.

22. Materials and fuel transferred from another department of the establishment not covered by the same return are included at the estimated selling value recorded by the other department.

**Wages and salaries**

23. This represents amounts paid during the year to administrative, technical and clerical employees and to operatives. All overtime payments, bonuses, commissions, holiday pay and redundancy payments less any amounts reimbursed from government sources are included. No deduction is made for income tax or employees' National Insurance contributions etc. Payments to working proprietors, payments in kind, travelling expenses, lodging allowances etc. are excluded.

**Employers' National Insurance contributions etc.**

24. This includes employers' National Insurance contributions, including the National Insurance surcharge, under the Social Security Pensions Act 1975, commercial insurance premiums for policies providing pensions, superannuation or other retirement benefits, sickness benefits, personal accident benefits, disability benefits or death benefits for employees or their dependants. Also included are contributions to canteens, social centres, children's and holiday homes etc. and the cost of supplying luncheon vouchers.

**Cost of industrial and non-industrial services rendered**

25. This includes amounts payable to other organisations for work done on materials supplied by the undertaking completing the return, for repairs and maintenance including those in respect of rented buildings, and for contracts which have been sublet, commercial insurance premiums, bank charges and amounts payable to other organisations for the hire of vehicles, plant and machinery, for the rent of industrial and commercial buildings, for the services of accountants, auditors, agents, solicitors and surveyors other than in connection with the acquisition or disposal of capital assets, for postal and telecommunications services, for carriage by all forms of transport within the United Kingdom, for advertising, market research etc., for the right to use patents, trade marks, copyrights etc., for manufacturing and quarrying rights and technical 'know-how'. Direct payments to outworkers and amounts charged to capital account, interest payments and amounts payable for sea and air freight on goods exported and materials and fuel imported are excluded.

**Gross value added at factor cost**

26. This is calculated by deducting from gross output the cost of purchases of construction and other materials, fuel and electricity and goods for merchandising or factoring and the cost of industrial and non-industrial services received. Figures for rates and motor vehicle licenses were not collected for the years 1985, 1986, 1987 and 1988 and have therefore not been used in the calculation of gross value added for those years.

**Gross value added at factor cost per head**

27. This is calculated by dividing gross value added at factor cost by total employment.

**Capital expenditure**

28. This represents the value charged to capital account together with any other amounts which ranked as capital items for taxation purposes during the year to which each undertaking's return related. The value is inclusive of any amounts received or expected to be received in grants and/or allowances from government sources, statutory bodies or local authorities. Where expenditure is spread over more than one census year, payments are included in the years in which they were made. Capital expenditure during the year in respect of production units where production had not started before the end of the year and the value of capital goods produced for undertakings' own use by undertakings' own staff are included. The value of any assets acquired in taking over an existing business are excluded. The figures include non-deductible VAT but exclude deductible VAT. No allowance is made for depreciation, amortisation or obsolescence.

**a. New building work**

29. This represents the value of new building and other constructional work to be used in connection with the business covered by the return such as the extension and reconstruction of old buildings, and the value of any newly constructed buildings acquired. The figures include architects' and surveyors' fees, legal fees, stamp duties, agents' commissions and Land Registry fees.

**b. Land and existing buildings**

30. This represents the value of freeholds and the value or premium payable or receivable for leaseholds acquired or disposed of. The figures for acquisitions include architects' and surveyors' fees, legal fees, stamp duties, agents' commissions and Land Registry fees. The figures for disposals are net of any such professional fees payable.

**c. Plant and machinery, vehicles**

31. This represents the value of new and second-hand plant and machinery and vehicles acquired or disposed of. The figures for acquisitions are net of any discounts received but include the cost of transport and installation and Customs and Excise car tax. The figures for disposals exclude amounts written off for capital assets which are scrapped.

**Net capital expenditure**

32. This is calculated by adding to the value of new building work acquisitions less disposals of land and existing buildings, vehicles and plant and machinery.

**Operating ratios**

33. These ratios are calculated for each industry sub-division using totals, for undertakings employing 20 or more persons, including estimates for undertakings not responding to, or not selected for the census. Respondents are able to compare the ratios for their own businesses with those for the industry as a whole.

**Stocks, rates, licensing of motor vehicles**

34. Figures for stocks were not collected for the years 1985, 1986, 1987 and 1988 neither were figures for rates and the cost of licensing of motor vehicles. These items are omitted from the calculations leading to gross output and gross value added at factor cost for those years.



**Table 1 Output and costs, 1984-1988**  
**United Kingdom undertakings classified to the construction industry**

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	Unit	All undertakings				
		1984	1985	1986	1987	1988
Number of undertakings	No	175,044	171,235	175,383	178,492	185,854
Total employment	No	1,181,122	1,125,104	1,121,890	1,139,526	1,146,559
Gross output (a)	£ million	36,005.0	39,163.5	43,459.0	48,013.3	59,298.0
Gross output per head	£	30,484	34,809	38,737	42,134	51,718
Purchases of construction and other materials, fuel and electricity and goods for merchandising or factoring	£ million	11,891.0	13,289.9	14,501.0	16,379.1	19,063.4
Cost of industrial and non-industrial services received	£ million	12,112.8	13,780.0	15,774.8	17,166.4	23,173.5
Gross value added at factor cost (a)	£ million	12,013.6	12,093.6	13,183.2	14,467.8	17,061.0
Gross value added at factor cost per head	£	10,171	10,749	11,751	12,696	14,880
Wages and Salaries (b)	£ million	9,106.1	10,292.9	10,850.5	11,947.7	13,261.1
Employers' National Insurance contributions etc	£ million	1,188.6				

(a) See paragraphs 18, 26 and 34 of the explanatory notes and definitions for an account of how gross output and gross value added are calculated.

(b) Estimates of wages and salaries and insurance contributions for undertakings with an employment of less than 20 are based on total employment, including working proprietors.

**Table 1 Output and costs, 1984-1988**  
**United Kingdom undertakings classified to the construction industry**

PA500

Undertakings employing 20 or more - 1988		All undertakings					Total
Public sector	Private sector	General construction and demolition work Group 500	Construction and repair of buildings Group 501	Civil engineering Group 502	Installation of fixtures and fittings Group 503	Building completion work Group 504	
525	280	2,844	692	1,137	903	6,381	
155,442	22,943	272,689	100,010	95,087	50,678	696,849	
3,155.6	1,444.4	23,102.3	7,248.3	4,040.2	2,111.5	41,102.4	
20,301	62,956	84,720	72,476	42,489	41,666	58,983	
948.3	296.8	6,137.3	2,220.2	1,850.5	783.0	12,236.1	
393.1	654.5	11,755.9	3,315.6	814.5	566.6	17,500.2	
1,814.2	493.2	5,209.1	1,712.6	1,375.1	761.9	11,366.1	
11,671	21,496	19,103	17,124	14,462	15,035	16,311	
1,679.6	302.1	3,244.8	1,395.0	1,240.7	553.4	8,415.6	



**Table 2 Capital expenditure, 1984-1988**  
United Kingdom undertakings classified to the construction industry

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	All undertakings				
	1984	1985	1986	1987	1988
<b>Capital expenditure:</b>					
<b>Land and buildings:</b>					
New building work	55.6	72.5	54.3	79.7	132.9
Land and existing buildings:					
Acquisitions	83.7	93.0	102.6	95.3	123.3
Disposals	56.0	79.7	61.0	52.0	76.3
Net expenditure on land and existing buildings	27.7	13.3	41.6	43.3	47.0
<b>Vehicles:</b>					
Acquisitions	373.1	400.7	465.1	496.8	715.0
Disposals	133.5	164.8	210.5	201.1	262.6
Net expenditure on vehicles	239.6	235.9	254.6	295.7	452.4
<b>Plant and machinery:</b>					
Acquisitions	395.7	404.0	444.7	519.7	849.2
Disposals	128.5	138.9	157.4	159.5	244.7
Net expenditure on plant and machinery	267.2	265.1	287.3	360.2	604.5
<b>Total net capital expenditure</b>	<b>590.1</b>	<b>586.7</b>	<b>637.8</b>	<b>778.9</b>	<b>1,236.8</b>

(a) See paragraphs 18, 20 and 21 of the notes for an account of how gross output and gross value added are calculated.  
(b) Estimates of wages and salaries and income tax contributions for undertakings with an employment of less than 20 are based on total employment, including working proprietors.

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£ million

Undertakings employing 20 or more - 1988

	General construction and demolition work Group 500		Construction and repair of buildings Group 501		Civil engineering Group 502		Installation of fixtures and fittings Group 503		Building completion work Group 504		Total
	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	Public sector	Private sector	
<b>Capital expenditure:</b>											
<b>Land and buildings:</b>											
New building work	13.0	2.1	41.1	22.9	2.6	8.8	90.6				
Land and existing buildings:											
Acquisitions	3.9	2.7	31.7	9.3	7.4	8.0	63.1				
Disposals	7.7	2.0	37.9	7.7	3.2	1.4	59.9				
Net expenditure on land and existing buildings	-3.8	0.7	-6.2	1.6	4.2	6.6	3.2				
<b>Vehicles:</b>											
Acquisitions	36.2	31.7	193.4	66.7	40.7	42.5	411.4				
Disposals	5.4	11.2	86.4	21.8	17.2	17.0	159.0				
Net expenditure on vehicles	30.8	20.5	107.0	44.9	23.5	25.5	252.3				
<b>Plant and machinery:</b>											
Acquisitions	12.0	148.6	235.8	217.5	15.9	27.6	657.3				
Disposals	1.0	39.8	115.5	47.9	4.1	2.9	211.1				
Net expenditure on plant and machinery	11.0	108.8	120.3	169.6	11.8	24.7	446.2				
<b>Total net capital expenditure</b>	<b>51.0</b>	<b>132.1</b>	<b>262.4</b>	<b>239.0</b>	<b>42.2</b>	<b>65.7</b>	<b>792.3</b>				

(a) See paragraphs 18, 20 and 21 of the notes for an account of how gross output and gross value added are calculated.  
(b) Estimates of wages and salaries and income tax contributions for undertakings with an employment of less than 20 are based on total employment, including working proprietors.



**Table 3 Analysis of undertakings by size of total employment, 1988**  
**All United Kingdom undertakings classified to the construction industry**

Size group	Undertakings	Employment		Wages and salaries of employees and employers' National Insurance contributions etc.		Gross output (a)	Gross value added at factor cost (a)		Net Capital Expenditure
		Total	Employees	Total	per head		Total	per head	
Employment	Number	Number	Number	£ million	£	£ million	£ million	£	£ million
1-19	179,473	449,710	..	4,845.5(b)	..	18,195.6	5,694.9	12,664	444.4
20-49	3,912	118,597	116,048	1,291.5	11,129	6,075.9	1,867.1	15,743	175.5
50-99	1,253	86,332	85,852	998.2	11,627	4,892.7	1,386.5	16,060	100.0
100-199	620	86,530	86,405	1,049.5	12,146	5,149.6	1,413.7	16,337	115.7
200-499	375	114,163	114,151	1,388.1	12,160	6,471.1	1,791.3	15,691	112.4
500-999	136	95,429	95,427	1,172.4	12,286	5,850.9	1,524.5	15,975	74.1
1,000-2,499	61	89,220	89,220	1,141.1	12,790	5,026.3	1,519.4	17,030	59.3
2,500-4,999	19	62,084	62,084	817.2	13,163	4,025.4	1,164.3	18,754	144.6
5,000 and over	5	44,494	44,494	557.6	12,531	3,610.6	699.4	15,718	10.8
<b>Total</b>	<b>185,854</b>	<b>1,146,559</b>	<b>..</b>	<b>13,261.1</b>	<b>..</b>	<b>59,298.0</b>	<b>17,061.0</b>	<b>14,880</b>	<b>1,236.8</b>

(a) See paragraphs 18, 26 and 34 of the explanatory notes and definitions for an account of how gross output and gross value added are calculated.

(b) Estimates of wages and salaries and insurance contributions for undertakings with an employment of less than 20 are based on total employment, including working proprietors.



**Table 4 Percentage analysis of twelve-month periods covered by returns received for the 1988 census by number of returns and total employment**

Accounting year ended	Percentage of total returns received	Percentage of total number employed
1988 6-30 April	8.7	6.2
May	3.2	1.6
June	5.8	4.2
July	3.7	1.5
August	3.0	1.4
September	6.6	5.4
October	4.0	3.0
November	2.6	1.1
December	28.0	37.2
1989 January	3.2	1.7
February	3.1	1.7
1 March-5 April	28.0	35.2
	100.0	100.0

Dear Contributor

We conduct the annual census to obtain up-to-date statistical information about the structure and development of industry in the United Kingdom. Census results are used in the calculation of national accounts, the index of production and other statistical indicators. They also provide measures of industrial performance for use in industry and government departments. Comparisons may be made with results of similar inquiries that are being conducted in other countries of the European Community. The census has been designed in consultation with the Production Statistics Advisory Committee which is appointed under the Statistics of Trade Act 1947 and includes members from industry, the trade unions, the accountancy profession and the public services.

Census results, consisting of individual industry reports and a summary volume, will be available from Her Majesty's Stationery Office or from the above address.

Notes to help you complete your return are enclosed. If you have any difficulties or would like further information, my staff will be pleased to help you. The telephone extension of the person dealing with this inquiry is shown above.

Yours sincerely

*R. G. Ward*

R. G. WARD  
Director



**Table 5 Operating ratios, 1988**  
**All United Kingdom undertakings classified to the construction industry**

	Unit	Undertakings employing 20 or more persons							All undertakings
		Sub-divisions of the industry							
		General construction and demolition work	Construction of buildings	Civil engineering	Installation of fixtures and fittings	Building completion work	Total	Total	
		Group 500	Group 501	Group 502	Group 503	Group 504			
		Public sector	Private Sector						
Gross value added per head (a)	£	11,671	21,496	19,103	17,124	14,462	15,035	16,311	14,880
Gross value added as a percentage of gross output	%	57	34	23	24	34	36	28	29
Gross output per head (a)	£	20,301	62,956	84,720	72,476	42,489	41,666	58,983	51,718
Employment costs as a percentage of gross value added (b)	%	93	61	62	81	90	73	74	74
Employment costs per head (b)	£	10,805	13,265	11,969	13,998	13,118	11,043	12,132	12,132
Net capital expenditure per head	£	328	5,758	962	2,390	444	1,296	1,137	1,079
Net capital expenditure as a percentage of gross value added	%	3	27	5	14	3	9	7	7

(a) See paragraphs 18, 26 and 34 of the explanatory notes and definitions of how gross output and gross value added are calculated.

(b) Employment costs represent wages and salaries plus employers' National Insurance contributions, pensions and other welfare costs.



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### NOTICE UNDER SECTION 3 OF THE STATISTICS OF TRADE ACT, 1947

The Secretary of State for Trade and Industry hereby requires you by law to provide to the Business Statistics Office the information called for in this inquiry form. Your return should be made for the year ended 31 December 1988, unless no figures are available for that period when the return may be made for your business year which ends between 6 April 1988 and 5 April 1989.

Please complete and return this form to the Business Statistics Office by 31 MARCH 1989 or within two months after the business year covered by your return, if that year ends after 31 January 1989

NB The information given by you will be treated as confidential in strict accordance with the Act and subject to the further restriction that information about individual businesses will be used and disclosed under Ministerial direction to other government departments for statistical purposes only, except that the names and addresses of individual businesses, their industrial classification and the numbers of persons of different descriptions employed by them may, if a Minister so directs, be made available to Ministers and officials of government departments who need them for carrying out their functions.

### ANNUAL CENSUS OF PRODUCTION FOR 1988 - CONSTRUCTION INDUSTRY

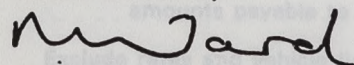
Dear Contributor

We conduct this annual census to obtain up-to-date statistical information about the structure and development of industry in the United Kingdom. Census results are used in the construction of national accounts, the index of production and other statistical indicators. They also provide measures of industrial performance for use in industry and government departments. Comparisons may be made with results of similar inquiries that are being conducted in other countries of the European Community. The census has been designed in consultation with the Production Statistics Advisory Committee which is appointed under the Statistics of Trade Act 1947 and includes members from industry, the trade unions, the accountancy profession and the public services.

Census results, consisting of individual industry reports and a summary volume, will be available from Her Majesty's Stationery Office or from the above address.

Notes to help you complete your return are enclosed. If you have any difficulties or would like further information my staff will be pleased to help you. The telephone extension of the person dealing with this inquiry is shown above.

Yours sincerely



**R. G. WARD**  
Director



JA570

1. PERIOD COVERED BY THE RETURN

from	11	/	/
to	12	/	/

Your return should relate to the calendar year 1988, or if no figures are available for that year, the return may be made for a business year ending on any date between 6 April 1988 and 5 April 1989. If the business to which this form is addressed commenced or ceased during the year, you should make the return for that part of the year during which the business was in operation, and should state the period in the box provided.

2. DETAILS OF BUSINESS

Please tick the most appropriate description of the main activity of your business.

- 2.1 Construction, improvement and repair of both residential and non-residential buildings. Specialist activities of construction work such as bricklaying, building maintenance and restoration, carpentry, roofing, scaffolding, and the erection of steel and concrete structures for building  6 501
- 2.2 Building completion, including plastering, on-site joinery, painting and decorating, glazing, paperhanging, tiling and flooring, and other such specialised activities relating directly to the completion of buildings  6 504
- 2.3 Civil engineering, including construction of roads, bridges, railways, tunnels, shaft drilling, earth moving, fixed concrete oil production platforms, construction work relating to irrigation, drainage, water supply, rivers, harbours, sewerage, etc  6 502
- 2.4 Installation of fixtures and fittings, including gas fitting, plumbing sanitary equipment, heating, ventilating, insulation, electrical wiring and fittings; installation of aerials, lightning conductors, telephone, etc  6 503
- 2.5 Demolition; general construction; plant hire (with operators). Use this heading only if your activities during the year were mainly demolition or plant hire, or included both building and civil engineering and were of such a general nature that you are unable to classify the main part of your output to one of the other headings  6 500

3. EMPLOYMENT

Average number of persons on the payroll during the year  Number

Average employment may be estimated, for example, from the average of the figures for the last week of each calendar month.

Include all persons on your payroll, whether full-time or part-time, except for casual workers. Include administrative, professional, technical and clerical employees (on-site and off-site), and salaried directors, as well as all manual wage-earners, apprentices and working foremen.

Exclude working proprietors, part-time directors paid by fee only, casual employees; and persons taking part in government training schemes paid from government sources.

JA570

4. TURNOVER (exclusive of VAT)

Value of work (including sub-contract work) done during the period, sales of goods and receipts for services rendered to other organisations (including hiring out of plant, machinery and scaffolding and rents for industrial buildings)  £ THOUSAND

For more detail, please see accompanying notes.

5. COSTS (exclusive of VAT)

5.1 Gross wages and salaries paid, employers' National Insurance contributions and contributions to other pension and welfare schemes for all employees including directors who receive a salary  £ THOUSAND

- Include all
- overtime payments
  - bonuses
  - commissions
  - holiday pay
  - redundancy payments (less amounts reimbursed from government sources)
  - insurance premiums for policies providing pensions and other staff benefits
  - contributions to running costs of canteens, social centres, etc

Exclude travelling expenses, lodging allowances, etc which should be included in 5.3.

5.2 Purchases  £ THOUSAND

- Include
- construction materials
  - stationery
  - packaging materials
  - goods purchased for resale without processing
  - canteen purchases
  - fuel (including petrol and DERV fuel)
  - electricity
  - water charges
  - materials for use by you for producing capital items for your own use
  - replacement parts for your own machinery, plant and road vehicles
  - accessories and consumable tools bought as replacements
  - any transfers of goods to you from other departments of your firm that are not covered by this return

Exclude land and buildings acquired for development and subsequent disposal.

5.3 Other expenditure (except capital expenditure, which should be entered in Section 6)  £ THOUSAND

- Include
- the value of work done for you by sub-contractors
  - amounts payable to other organisations for repairs and maintenance to your buildings (including rented buildings), vehicles, plant and machinery
  - amounts payable for the rent of industrial buildings
  - amounts payable for the hiring, leasing or renting of plant (including scaffolding), machinery and vehicles
  - commercial insurance premiums payable
  - bank charges (other than interest on loan capital)
  - amounts payable to accountants, solicitors, surveyors, etc. excepting those amounts covered by Section 6
  - amounts payable for technical and market research and advertising
  - amounts paid for postage (including parcel services), telephones, telemessages and telex
  - amounts payable to other organisations for transport within UK

Exclude rates and vehicle licences  
hire purchase repayments and finance leasing payments (see note 6)



**6. CAPITAL EXPENDITURE IN THE YEAR (exclusive of deductible VAT)**

Do not make any deductions for depreciation, amortisation or obsolescence.

For more detail please see accompanying notes.

**ACQUISITIONS**

£ THOUSAND  
(exclusive of VAT)

6.1 New building work or other constructional work of a capital nature for your own use

i. Amounts in 6.1 for capital assets leased under finance leasing arrangements

6.2 Land and existing buildings for your own use

6.3 Vehicles

i. Amounts in 6.3 for capital assets leased under finance leasing arrangements

6.4 Plant, machinery and other capital equipment

i. Amounts in 6.4 for capital assets leased under finance leasing arrangements

**DISPOSALS**

6.5 Land and existing buildings for your own use

6.6 Vehicles

6.7 Plant machinery and other capital equipment

**NAME AND ADDRESS OF PERSON WHO SHOULD BE CONSULTED IF QUESTIONS ARISE ABOUT THIS RETURN (BLOCK CAPITALS PLEASE)**

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Telephone No \_\_\_\_\_ Ext \_\_\_\_\_ Telex No \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Position in the organisation \_\_\_\_\_

←  
Please quote in any enquiry

A compulsory inquiry conducted by the Government Statistical Service  
**IN CONFIDENCE**

Business Statistics Office  
Newport  
Gwent NP9 1XG

Tel. Newport 0633 812196  
Telex 497121/2 BSONPT G  
Fax. 0633 816086

Please amend the name, address and postcode if necessary

**NOTICE UNDER SECTION 3 OF THE STATISTICS OF TRADE ACT, 1947**

The Secretary of State for Trade and Industry hereby requires you by law to provide to the Business Statistics Office the information called for in this inquiry form. Your return should be made for the year ended 31 December 1988, unless no figures are available for that period when the return may be made for your business year which ends between 6 April 1988 and 5 April 1989.

Please complete and return this form to the Business Statistics Office by 31 MARCH 1989 or within two months after the business year covered by your return, if that year ends after 31 January 1989

NB The information given by you will be treated as confidential in strict accordance with the Act and subject to the further restriction that information about individual businesses will be used and disclosed under Ministerial direction to other government departments for statistical purposes only, except that the names and addresses of individual businesses, their industrial classification and the numbers of persons of different descriptions employed by them may, if a Minister so directs, be made available to Ministers and officials of government departments who need them for carrying out their functions.

**ANNUAL CENSUS OF PRODUCTION FOR 1988 - CONSTRUCTION INDUSTRY**

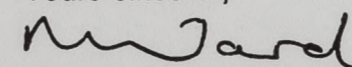
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Census results, consisting of individual industry reports and a summary volume, will be available from Her Majesty's Stationery Office or from the above address.

Notes to help you complete your return are enclosed. If you have any difficulties or would like further information my staff will be pleased to help you. The telephone extension of the person dealing with this inquiry is shown above.

Yours sincerely



R. G. WARD  
Director



**DOES THIS FORM APPLY TO YOUR DEPARTMENT OR AUTHORITY?**

This form should be completed by government departments and local and other public authorities in respect of work done by persons directly employed by them on building and civil engineering (including alterations, repairs and maintenance). No other activities should be included.

If you do not operate a directlabour section within your building and civil engineering department please certify to this effect and send the form back without delay.

**1. PERIOD COVERED BY THE RETURN**

	from	day	month	year
	11	/	/	
	12	/	/	

Your return should relate to the calendar year 1988, or if no figures are available for that year, the return may be made for a business year ending on any date between 6 April 1988 and 5 April 1989. If your building and civil engineering activities commenced or ceased during the year, you should make the return for that part of the year during which the business was in operation, and should state the period in the box provided.

**2. EMPLOYMENT**

Average number of persons on the payroll during the year.....

34	Number
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Average employment may be estimated, for example, from the average of the figures for the last week of each calendar month.

**INCLUDE** All persons employed in connection with the building and civil engineering work undertaken by your direct labour department, whether full-time or part-time, including such a proportion of the total office and management staff as is fairly attributable to such work.

The figure given should cover manual wage earners; apprentices; working foremen; operatives engaged in transport work, stores and warehouses and in the manufacture of goods for sale; managers; architects; surveyors; engineers; other professional, research and design staff; draughtsmen; office staff; and supervisors who do not do manual work.

**EXCLUDE** Casual employees; park and green keepers; persons employed on the collection and disposal of house refuse, day-to-day maintenance work on street lighting, snow clearance, etc.; canteen workers (except where the canteen is run wholly or mainly in connection with the building or civil engineering work covered by this return).

**3. TURNOVER (exclusive of VAT)**

Value of building and civil engineering work carried out during the period, sales of goods and receipts for services rendered to other organisations (including hiring out of plant, machinery and scaffolding and rents for industrial buildings).....

512	£ THOUSAND
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For more detail please see accompanying notes

**4. COSTS (exclusive of VAT)**

£ THOUSAND

4.1 Gross wages and salaries paid, employers' National Insurance contributions and contributions to other pension and welfare schemes.....

54	
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Include all

- overtime payments
- bonuses
- commissions
- holiday pay
- redundancy payments (less amounts reimbursed from government sources)
- insurance premiums for policies providing pensions and other staff benefits
- contributions to running costs of canteens, social centres, etc for staff covered by this return

Exclude travelling expenses, lodging allowances, etc. which should be included in 4.3.

£ THOUSAND

4.2 Purchases .....

400	
-----	--

Include

- construction materials
- stationery
- packaging materials
- goods purchased for resale without processing
- canteen purchases
- fuel (including petrol and DERV fuel) for heating, lighting, transport etc.
- electricity
- water charges
- materials for use by you for producing capital items for your own use
- replacement parts for your own machinery, plant and road vehicles
- accessories and consumable tools bought as replacements
- any transfers of goods to you from other departments of your authority that are not covered by this return

Exclude land and buildings acquired for development and subsequent disposal.

£ THOUSAND

4.3 Other expenditure (except capital expenditure, which should be entered in Section 5) .....

360	
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Include

- amounts payable to other organisations for repairs and maintenance to your direct labour department buildings (including rented buildings), vehicles, plant and machinery
- amounts payable for the rent of industrial buildings
- amounts payable for the hiring, leasing or renting of plant (including scaffolding), machinery and vehicles
- commercial insurance premiums payable
- bank charges (other than interest on loan capital)
- amounts payable to accountants, solicitors, surveyors, etc. excepting those amounts covered by Section 5
- amounts payable for technical and market research and advertising
- amounts paid for postage (including parcel services), telephones, telemessages and telex
- amounts payable to other organisations or departments of your Authority for transport within the UK of materials and labour

Exclude rates and vehicle licences.

hire purchase repayments and finance leasing payments (see note 5)



IMPORTANT: PLEASE WRITE LEGIBLY AND READ THE ENCLOSED NOTES

JA590

5. CAPITAL EXPENDITURE IN THE YEAR (exclusive of deductible VAT)

Do not make any deductions for depreciation, amortisation or obsolescence.

For more detail please see accompanying notes.

LAND AND BUILDING FOR USE BY YOUR DIRECT LABOUR DEPARTMENT, (excluding those acquired for development and subsequent disposal, and houses, schools and buildings built or acquired on behalf of other departments of your authority)

ACQUISITIONS

£ THOUSAND (exclusive of VAT)

5.1 New building work or other constructional work of a capital nature for use by your direct labour department ..... 201

i. Amounts in 5.1 for capital assets leased under finance leasing arrangements ..... 801

5.2 Land and existing buildings for use by your direct labour department ..... 202

5.3 Vehicles ..... 213

i. Amount in 5.3 for capital assets leased under finance leasing arrangements ..... 813

5.4 Plant, machinery and other capital equipment ..... 231

i. Amounts in 5.4 for capital assets leased under finance leasing arrangements ..... 831

DISPOSALS

5.3 Land and existing buildings for use by your direct labour department ..... 203

5.5 Vehicles ..... 214

5.7 Plant machinery and other capital equipment ..... 232

NAME AND ADDRESS OF PERSON WHO SHOULD BE CONSULTED IF QUESTIONS ARISE ABOUT THIS RETURN (BLOCK CAPITALS PLEASE)

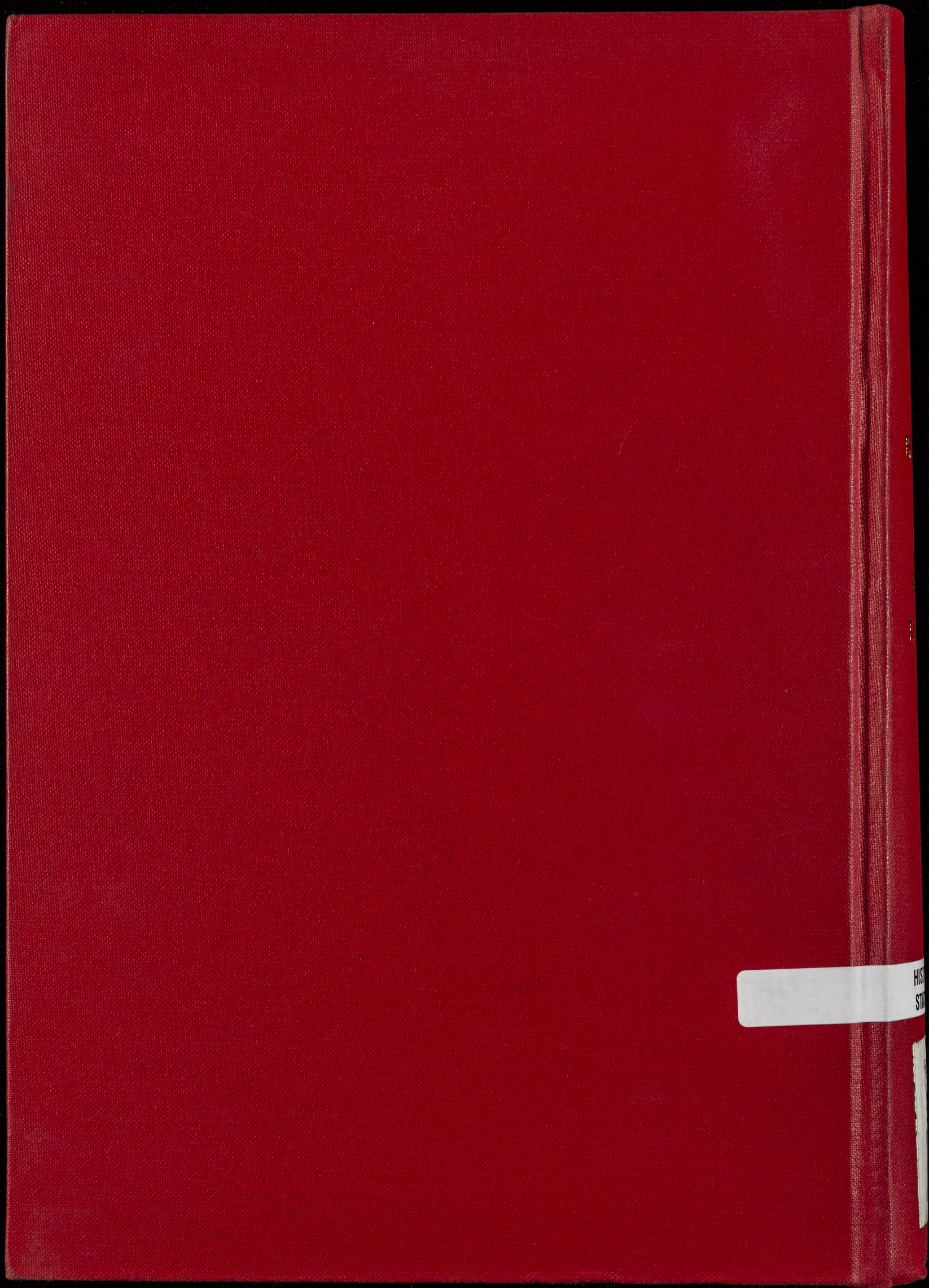
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Telephone No \_\_\_\_\_ Ext \_\_\_\_\_ Telex No \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Position in the organisation \_\_\_\_\_





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ST