



SCOTTISH HOME DEPARTMENT

Her Majesty's
Inspector of Fire Services
for Scotland
Report for 1960

*Presented to Parliament by the Secretary of State for Scotland
by Command of Her Majesty
July, 1961*

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Her Majesty's Inspector of Fire Services for Scotland
Report for 1960

*Scottish Home Department,
12/13 Carlton Terrace,
Edinburgh, 7.*

12th May, 1961.

TO THE RIGHT HON. JOHN S. MACLAY, C.M.G., M.P.,
Her Majesty's Secretary of State for Scotland.

SIR,

I have the honour to submit my report on the Fire Services of Scotland for 1960.

Inspection of Fire Brigades

2. As in previous years inspections during 1960 covered each of the eleven fire brigades in Scotland. Brigade organisations were examined and a representative number of whole-time, retained and volunteer stations were inspected. While some aspects of the Fire Services still give cause for concern, the evidence of progress in individual brigades in such ways as the provision of new stations, improved training facilities, increases in operational and fire prevention staffs, replacement of obsolescent fire appliances, improvements in brigade organisations and added attention to training generally showed up markedly during inspections and indicated quite clearly the effect on efficiency which such progress brings in its train. It is with some satisfaction that I report that efficiency generally in the Fire Services in Scotland has been maintained and that with few reservations effective progress towards greater efficiency has been achieved.

3. During the year a further number of fire brigades, in the light of guidance given in the report of the Joint Committee on Standards of Fire Cover, have completed reviews of their manning strengths which have resulted in increases in establishments. By the end of the year not all of these increases had been met but, as recruiting is progressing reasonably well, there will soon be an appreciable overall improvement in fire cover. There were some establishment questions still outstanding at the end of the year.

Tragedy

4. It is with a deep sense of personal loss that I record the tragic disaster at the fire in the whisky warehouse occupied by Arbuckle Smith & Co. Ltd., in Cheapside Street, Anderston, Glasgow, on the 28th March when 19 men of the Glasgow Fire Brigade and Glasgow Salvage Corps lost their lives in the course of their duties as a result of the collapse of the premises.

5. Those who lost their lives were,
from the Glasgow Fire Brigade :
Sub-Officer J. Calder
Sub-Officer J. McPherson

Fireman J. Allan
Fireman C. Boyle
Fireman G. J. Chapman
Fireman W. W. Crocket
Fireman A. Darroch
Fireman D. Davidson
Fireman A. C. Dickinson
Fireman A. A. Grassie
Fireman G. D. McIntyre
Fireman E. R. McMillan
Fireman I. A. C. McMillan
Fireman W. R. Watson

from the Glasgow Salvage Corps :

Superintendent Salvageman E. C. Murray
Leading Salvageman J. A. McLellan
Salvageman G. C. McMillan
Salvageman J. F. Mungall
Salvageman W. Oliver

6. A number of men were also injured, one so seriously that at the end of the year he was still unable to return to duty.

7. At a public inquiry into the disaster it was found that the men who lost their lives—" were engaged in the course of their employment at a fire which broke out in the bonded warehouse occupied by Arbuckle Smith & Co. Ltd. at 76-118 Cheapside Street, Glasgow, when walls of said bonded warehouse fell into said streets and said persons were struck by falling debris sustaining multiple injuries from which they died there and then ". The jury added a rider that in their opinion automatic fire alarms should be installed in all bonded warehouses used for storing alcohol.

8. The jury further added a commendation to all ranks of the Glasgow Fire Service for their efficient operations in gaining control of this serious and tragic fire in the face of such adversity.

9. The disaster shocked the whole country and was felt intimately within the Fire Services throughout Scotland and indeed Great Britain. Some measure of public and service reaction was evidenced in the tremendous response to the fund set up by the Lord Provost of Glasgow, Sir Myer Galpern, to relieve the distress of the dependants of the deceased men. The fund collected over £187,000 which has almost entirely been distributed among dependants or used for the purpose of assisting dependants.

10. As a result of the splendid work done at the Cheapside Street fire the following honours and awards were made for outstanding devotion to duty by members of the Glasgow Fire Brigade :

George Medal for Gallantry

British Empire Medal for Gallantry

Queen's Commendation for Brave Conduct

Station Officer P. J. McGill
Fireman J. M. Dunlop
Sub Officer C. Neeson
Fireman G. B. Alexander
Fireman J. Nicolson
Fireman W. Watters

(The British Empire Medal for Gallantry was also awarded to Police Constable J. Gribben of the City of Glasgow Police Force.)

11. Letters of appreciation of exemplary conduct were sent by the Secretary of State for Scotland to the following :

Divisional Officer R. Herbert
Leading Fireman R. Clark
Fireman C. Biggerstaff
Fireman J. McGhee
Leading Firewoman Telephonist Mary Nicol

(Salvageman J. Smith of the Glasgow Salvage Corps received similar recognition.)

12. The year was for the Glasgow Fire Brigade further marred by the death of a Station Officer while on duty at a fire in the German Motor Vessel "Pagennd" in the Princes Dock, Glasgow, on the 2nd December.

Legislation

13. The following regulations and orders affecting the Fire Service have been made during the year :

(i) The Factories Act, 1959 (Commencement No. 4) Order, 1960 (S.I. 1960 No. 1839) brought into operation on 1st December, 1960, the provisions of the Factories Act, 1959, relating to fire precautions and means of escape in case of fire in factories.

(ii) The Firemen's Pension Scheme Order, 1960 (S.I. 1960 No. 1848) amended the Firemen's Pension Scheme, 1956. The two principal amendments related to relaxation of regulations governing the preservation of pension rights on transfer from one brigade to another, and to increases in certain widows' pensions in future.

(iii) The National Insurance (Non-participation—Fire Services) (Scotland) Regulations, 1960 (S.I. 1960 No. 2179) were made under Section 12 of the National Insurance Act, 1959, and enabled the Secretary of State to act on behalf of employing authorities for the purpose of applying to the Registrar of Non-participating Employments for a certificate of non-participation in the state graduated pension scheme in respect of certain employment superannuable under the Firemen's Pension Scheme.

(iv) The Firemen's Pension Scheme (No. 2) Order, 1960 (S.I. 1960 No. 2385) amended the Firemen's Pension Scheme, 1956, in regard to the pension rights and superannuation contributions of firemen who are under 20 years of age.

Establishment of Fire Brigades

14. On the retiral at the end of the year of Mr M. Chadwick, C.B.E., M.I. Fire E., M.I.E.S., as Firemaster of the Glasgow Fire Brigade, Mr J. Swanson, M.B.E., G.M., Grad. I. Fire E., who was formerly Assistant Firemaster in that brigade was appointed to the post.

15. In July, Mr J. Stewart, Grad. I. Fire E., Assistant Firemaster of the South Western Area Fire Brigade, was appointed Assistant Chief Officer of Lancashire Fire Brigade, the post in the South Western Area being filled by the promotion of Station Officer P. S. Morrison of that area.

16. The establishments and actual strengths of uniformed members of fire brigades as at the 31st December are set out in Table 1 of this report.

Uniformed—operational

17. The total of the whole-time male establishments of brigades stood at 2,189, which is an overall increase of 81 on the figure for last year. The increase includes adjustments to cover reviewed appliance-manning figures ; an establishment to man a station in a new district ; additional men at a station ultimately to replace a retained unit ; and small adjustments in headquarters' establishments, principally in fire prevention departments.

18. A deficiency of 83 in the total strength of whole-time male members of brigades, the highest figure in this respect recorded for some years, is accounted for largely because the end of the year brought one or two major increases in establishments which could not be filled by the 31st December.

19. As will be seen from reference to Table 2 of this report dealing with changes in whole-time strength, the net gain in whole-time men to brigades by recruitment over wastage was 56. The equivalent figure for 1959 was 60. While the recruitment position has shown no worsening, with a total of 175 for 1960 against 141 for the previous year, wastage has increased by 37 to a total of 125. During 1960 a total of 56 men with less than ten years' service left brigades. The equivalent figures for the previous two years were, successively, 39 and 44. The deaths at the Cheapside Street fire in Glasgow directly affected the wastage figures and may also have had some influence indirectly.

20. The figures shown in Table 1 of this report, relating to the part-time side of the Service, show that there has been little change during the year. Some slight adjustment in establishments following the review of fire cover has been made. The difference between the total figures for establishments and actual strengths vary little and can be accounted for mostly by slight shortages at a large number of stations and by the fact that three retained stations have been authorised but not yet established. At very few retained stations are shortages acute. The volunteer units are something more of a problem and substantial shortages of personnel do occur at a number of stations.

Uniformed—Control Rooms and Watch Rooms

21. Members of brigades employed whole-time on control room and watch room duties were :

| Rank | Fire Brigade Area | | | | | | | | | | | Totals | |
|------------------------------|----------------------|---------|------|---------|--------------|---------------|----------|-------------------|---------------|---------------|---------|--------|-------|
| | Angus | Central | Fife | Glasgow | Lanark-shire | North-Eastern | Northern | Perth and Kinross | South-Eastern | South Western | Western | Men | Women |
| | <i>Control Rooms</i> | | | | | | | | | | | | |
| Station Officer ... | — | — | — | 1 | — | — | — | — | — | — | — | 1 | — |
| Sub-Officer ... | — | 1 | — | — | — | — | — | — | 1 | — | — | 2 | — |
| Fireman ... | — | 4 | 1 | — | — | 4 | — | — | — | — | — | 9 | — |
| Asst. Group Officer ... | — | — | — | — | — | 1 | — | — | — | — | — | — | 1 |
| Senior Leading Firewoman ... | 1 | — | — | — | 1 | — | — | — | — | — | — | — | 2 |
| Leading Firewoman ... | 1 | — | — | 4 | 4 | 1 | — | 3 | 1 | — | — | — | 14 |
| Firewoman ... | 7 | — | 7 | 8 | 8 | 4 | 3 | 3 | 4 | 5 | 9 | — | 58 |
| Totals ... | 9 | 5 | 8 | 13 | 9 | 13 | 4 | 3 | 8 | 6 | 9 | 12 | 75 |
| <i>Watchrooms</i> | | | | | | | | | | | | | |
| Fireman ... | — | 1 | 1 | 37 | — | — | — | — | 6 | 1 | 2 | 48 | — |
| Firewoman ... | — | 2 | — | 15 | 1 | — | — | — | — | — | 2 | — | 20 |
| Totals ... | — | 3 | 1 | 52 | 1 | — | — | — | 6 | 1 | 4 | 48 | 20 |
| Gross Totals | 9 | 8 | 9 | 65 | 10 | 13 | 4 | 3 | 14 | 7 | 13 | 60 | 95 |

Non-Uniformed Staffs

22. The establishments of non-uniformed staffs employed by Fire Brigade authorities, other than workshops staffs which are listed in paragraph 45, are shown by the following table :

| Departments | Fire Brigade Area | | | | | | | | | | | Totals | |
|---------------|-------------------|---------|------|---------|--------------|---------------|----------|-------------------|---------------|---------------|---------|--------|-------|
| | Angus | Central | Fife | Glasgow | Lanark-shire | North-Eastern | Northern | Perth and Kinross | South-Eastern | South Western | Western | Men | Women |
| | <i>Office</i> | | | | | | | | | | | | |
| Men ... | 1 | 1 | — | 5 | 2 | 1 | — | — | 2 | 1 | — | 13 | — |
| Women ... | 3 | 3 | 4 | 13 | 6 | 6 | 4 | 4 | 8 | 3 | 8 | — | 62 |
| <i>Stores</i> | | | | | | | | | | | | | |
| Men ... | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 2 | 2 | 1 | 15 | — |
| Women ... | — | — | — | — | — | — | — | — | 1 | — | — | — | 1 |
| <i>Others</i> | | | | | | | | | | | | | |
| Men ... | — | 1 | — | 8 | — | — | — | — | — | — | — | 9 | — |
| Women ... | 3 | 4 | 4 | 18 | 5 | 2 | 1 | 1 | 2 | — | 7 | — | 47 |
| Totals ... | 9 | 10 | 9 | 45 | 15 | 10 | 6 | 6 | 15 | 6 | 16 | 37 | 110 |

Health

23. Figures recorded for the year indicate that a reasonably satisfactory standard of health is being maintained in the Service. There were 817 cases of sickness or injury attributable to service among uniformed whole-time male personnel, which is an advance of 92 on the figure for last year. There has been also a small increase in this category in the number of these cases which entailed absence from duty for one or more days.

24. The number of on-duty days lost among whole-time male and female personnel from causes not attributable to service showed a very substantial reduction, falling by 3,426 to 16,726. As a result the overall percentage of on-duty days lost has fallen slightly to 4.2 % on all counts. The equivalent figure for whole-time men is 4.0 %.

25. There was a slight increase during the year in sickness attributable to service among retained men, but the total of on-duty days lost advanced by only 107 to 1,045.

Discipline

26. Discipline in brigades has been very well maintained during the year. The small total of 8 charges were brought under the Discipline Code ; of these 7 justified awards of punishment as follows :

| <i>Punishment Awarded</i> | <i>Number of Cases</i> |
|---|------------------------|
| Dismissal | Nil |
| Request to resign as alternative to dismissal | Nil |
| Reduction of Rank | Nil |
| Stoppage of Pay | 1 |
| Reprimand | 2 |
| Caution | 4 |

Benevolence

27. The Scottish Group of the Fire Services National Benevolent Fund are to be congratulated in their achievement during the past year in heading the list of group donations to the Fund with a total which is the highest recorded since the group was reconstituted after denationalisation of the Fire Service.

28. During the year the orphans' allowance has been increased and a new Widows' Scheme has been formed whereby grants and allowances are graded according to circumstances.

29. Following upon the disastrous fire at Cheapside Street, Glasgow, referred to elsewhere in this report, at which five members of the Glasgow Salvage Corps lost their lives, the National Executive of the Fund decided to accept as " Members of the Service " all members of Salvage Corps including the Glasgow Salvage Corps.

Training

30. During the year the following courses were held at the Scottish Fire Service Training School, Gullane :

| <i>Course</i> | <i>Length</i> | <i>No. of Courses</i> | <i>No. Attendin^g</i> |
|----------------------------------|---------------|-----------------------|---------------------------------|
| Recruits' | 12 weeks | 4* | 168 |
| Firemen's | 3 " | 1 | 31 |
| Introductory Fire Prevention ... | 8 " | 3 | 43 |
| Retained Men's | 1 week | 5 | 77 |

* 6 weeks only of the fourth course (to be completed in 1961).

31. The continuing demand from brigades for the training of new entrants to the Service has made it necessary that the work of the School should be mainly concentrated on the training of recruits.

32. In view of the new duties which would fall on fire authorities when the provisions of the Factories Act, 1959, were brought into operation on the 1st December, 1960, it was decided, after consultation with the Organisation and Training Committee of the Training School, to arrange for an additional Introductory Fire Prevention Course to be given at the School in place of other courses which in any case were, or were likely to be, insufficiently supported.

33. A series of five courses was again held during the year for the central training of retained men. The first three courses held during the mid-summer months were reasonably well supported, but attendances at the two courses held in the autumn were disappointing.

34. During the year detailed specifications have been formulated for an emergency tender, the purchase of which is provided for in the Estimates for 1961-62 as part of the current programme for replacement of appliances at the Training School.

35. Previous reports have referred to steps which were being taken towards providing the School with accommodation designed primarily for the training of students in the use of breathing apparatus. In addition to the erection of a specially designed building to provide facilities for training under operational conditions, it was necessary to make provision for lecturing and practical instruction by adapting an existing building adjacent to the School premises. This work was not completed in time to permit training to be commenced during the period under review but it was anticipated that a start would be possible early in 1961.

36. The programme of courses at the Fire Service College, near Dorking, was also influenced by the claims for the instruction of fire officers in duties relating to the certification by fire authorities of means of escape from fire under the Factories Act, 1959, and specially designed courses were included in the programme. During the year attendances at the College from Scottish brigades were :

| <i>Type of Course</i> | <i>Length</i> | <i>Numbers Attending</i> |
|-----------------------------------|---------------|--------------------------|
| Long Fire Prevention | 16 weeks | 6 |
| Special Fire Prevention | 4 " | 14 |
| Industrial Fire Prevention | 1 week | 3 |
| Sub Officers' | 4 weeks | 4 |

Promotions Procedure

37. My Report for 1959 referred to a decision reached during that year by the Fire Services (Scotland) Central Examinations Board to centralise the written promotion examinations which in the past had been held at a number of centres. The first of these centralised examinations was successfully held during May at the Royal College of Science and Technology, Glasgow, and produced the following results :

| | <i>Presentations</i> | <i>Passes</i> |
|-----------------------------|----------------------|---------------|
| Station Officers | 85 | 31 |
| Sub-Officers | 48 | 20 |
| Leading Firemen : | | |
| Educational Subjects | 116 | 99 |
| Technical Subjects | 64 | 40 |

38. During the period under review the practical parts of the promotion examinations for sub-officers and leading firemen were conducted by two panels of senior fire service officers visiting brigades under arrangements first introduced in 1958. Examinations were commenced in June and were spread over the intervening months until the end of the year. The results of these examinations, a pass in which is a necessary qualification for sitting the written examinations, were as follows :

| | <i>Presentations</i> | <i>Passes</i> |
|------------------------|----------------------|---------------|
| Sub-Officers | 66 | 33 |
| Leading Firemen | 107 | 61 |

39. Towards the end of the year the Central Examinations Board reviewed the arrangements for the conduct of these practical examinations and decided that, experimentally, the examinations in 1961 should be held during a period of three weeks instead of being spread over a period of months as at present.

40. Promotions to the following posts in the whole-time service were made during the year :

Men 1 Assistant Firemaster, 1 Divisional Officer (Grade II), 2 Divisional Officers (Grade III), 4 Assistant Divisional Officers, 9 Station Officers (including 2 temporary promotions), 36 Sub-Officers (including 5 temporary promotions), 39 Leading Firemen (including 7 temporary promotions).

Women 1 Assistant Group Officer, 2 Leading firewomen (including 1 temporary promotion).

Appliances and Equipment

41. During the year 23 new major fire appliances were purchased and put on the run in brigades. These comprise 4 turntable ladders, 7 dual purpose appliances, 3 pump escapes, 8 water tenders and 1 emergency tender. Two of the turntable ladders were purchased to replace 2 similar appliances which were damaged beyond repair at the Cheapside Street fire in Glasgow. Additional improvements have been made by the modification of 2 water tenders to make them fully useful in their class.

42. The rate of replacement of appliances and vehicles shows considerable improvement on last year's abnormally low figure but the position with regard to old and obsolescent fire appliances to which reference has continually been made in these reports is still far from satisfactory. A careful review at the end of the year shows that, of a total of about 720 mechanically operated or propelled operational appliances and vehicles in fire brigades in Scotland, 496 are of war-time or earlier construction ; in other words over 68 per cent. of the total of brigade fleets of appliances are over 16 years old and the majority of those are of types expressly produced for emergency war-time use.

43. Although a few fire brigades have completed or are nearing the end of their first replacement programme the majority at the present rate have several years to run. In those cases it is hoped that fire authorities will speed up the replacement rate so as to avoid the certain prospect of a serious reduction in operational efficiency in brigades.

44. In considering major fire appliances by themselves a slightly better picture emerges. The percentage of old appliances in this category drops to about 42 per cent., but even this gives no reason for any complacency. The rate of replacement of appliances and vehicles shows considerable improvement on last year's abnormally low figure.

45. The number of personnel employed in brigade workshops at the end of the year is shown by the following table :

| Rank | Fire Brigade Area | | | | | | | | | | Totals | |
|-----------------------------|-------------------|---------|------|---------|--------------|---------------|----------|-------------------|---------------|---------------|--------|---------|
| | Angus | Central | Fife | Glasgow | Lanark-shire | North-Eastern | Northern | Perth and Kinross | South-Eastern | South Western | | Western |
| Asst. Divisional Officer... | — | — | — | 1 | — | — | — | — | — | — | — | 1 |
| Station Officer | — | 1 | — | — | 1 | — | — | — | — | — | 1 | 3 |
| Sub-Officer | 1 | — | 1 | 1 | — | — | — | 1 | — | 1 | — | 5 |
| Leading Fireman | 1 | — | — | — | — | 1 | — | — | — | — | — | 2 |
| Fireman | 6 | — | — | 11 | — | 1 | — | — | — | — | — | 18 |
| Totals—Uniformed ... | 8 | 1 | 1 | 13 | 1 | 2 | — | 1 | — | 1 | 1 | 29 |
| Totals—Non-Uniformed | — | 3 | 2 | 6* | 4 | 4 | 1 | — | 9 | 1 | 5 | 35 |
| Gross Totals | 8 | 4 | 3 | 19 | 5 | 6 | 1 | 1 | 9 | 2 | 6 | 64 |

* These civilian mechanics are included in the authorised strength of firemen.

Premises

46. The period under review has again seen progress with the building programme in brigades and a further three whole-time and nine retained stations have been completed. One of the new whole-time stations, although not in operational use at the end of the year, will provide fire cover for the new town of East Kilbride.

47. At the close of the year the post-war building programme had reached the following position :

| | <i>Whole-time</i> | <i>Retained</i> |
|--|-------------------|-----------------|
| (i) New fire stations built | 13 | 52 |
| (ii) New fire stations under construction | 4 | 2 |
| (iii) New fire stations authorised but on which work had not been started | 3 | 4 |
| (iv) Major adaptations to existing stations completed | 4 | 3 |
| (v) Properties purchased and adapted as fire stations | — | 14 |
| (vi) New Drill towers : | | |
| (a) Completed | 9 | 1 |
| (b) Building | 4 | — |

48. At the end of the year 359 houses for firemen had been completed and ten were under construction.

Water Supplies

49. Progress in the standardisation of hydrants continues to be very disappointing. The position has improved to the extent of about 4 per cent. during the year so that about 71 per cent. of existing hydrants at the end of the year were fitted with standard outlets ; that figure includes about 48 per cent. which are completely standard. A small number of remaining obsolete hydrants are capable of outlet standardisation but the hard core of those not yet attended to represent about 25 per cent. of all hydrants in the country and those can be improved only by replacement.

50. While some brigades have made reasonable progress in the standardisation of hydrants, some indeed being in sight of complete standardisation, others have shown only limited improvement. With a continuation at the present rate, in a number of brigades standardisation will not be achieved in under 30 years and in some cases even considerably longer. This is a position which should receive the urgent attention of fire authorities.

51. It will be recalled that during the life of the nationalised service a beginning was made on the standardisation of hydrants and on the resumption of local authority control fire authorities accepted the principles of standardisation of hydrants established by the nationalised service and agreed to continuation of the work being done. It was accepted by fire authorities at the time that there was a degree of urgency involved, mainly because the presence of non-standard hydrant outlets will always represent a hazard to firemen during fire-fighting operations. That hazard will continue to exist while any non-standard outlets remain. There is therefore an urgent need to eradicate all non-standard outlets as speedily as possible.

Communications

52. Ten of the eleven fire brigades are equipped with very high frequency wireless systems, and adjustment of systems to give fuller coverage is being undertaken as necessary or as equipment improves. The number of fire appliances fitted with wireless is continuing to increase.

53. Eight brigades are now equipped with pack set transmitter/receivers which are used primarily for short range communications on the fire ground.

54. Difficulties which have at times arisen in maintaining suitable arrangements for calling out personnel at retained stations are being overcome as progress has continued with the installation of Post Office long distance remote control systems by which staff at either headquarters controls or fire stations with whole-time manning are able to handle fire calls from landward areas.

Fire Prevention

55. The work undertaken by fire prevention departments of brigades during the year, so far as it can be tabulated, is given in Table 4 of this report. The volume of work has fallen slightly from that recorded last year although the total of fire prevention officers in post in Scottish fire brigades has increased slightly during the same period. The advantage gained by increased staffing has been offset in relation to inspectional work by the increasing demands on the services of fire prevention officers in other directions and by the need to devote some time to re-organisation in anticipation of undertaking the additional responsibilities placed on fire brigades directly and indirectly by the requirements of the Factories Act, 1959.

56. As the knowledge of what fire brigades can offer in the way of fire prevention advice becomes more general, the time of fire prevention officers is increasingly occupied in giving verbal advice, checking and discussing plans, attending meetings and meeting many other demands, all of which essential work reduces the time that can be spent on inspectional duties. Inspectional work is, however, the primary function of fire prevention officers and the only means by which fire brigades can work towards lessening the fire risk in existing buildings. Inspections under the new provisions of the Factories Acts were not fully in operation; only a total of 105 had been made since the regulations became operative on 1st December; but, as this work increases and is added to the increasing volume of work falling to fire prevention departments, considerably augmented staffs will be necessary.

57. One of the main purposes of transferring means of escape inspections under the Factories Acts to fire authorities was to speed up certification of premises and

so move rapidly towards eliminating the possibility of major loss of life by fire in industrial and factory premises. There is therefore a considerable duty on fire authorities to put fire brigades in a position to undertake these responsibilities efficiently and expeditiously.

58. The position in Scotland at the end of the year in respect of specialised training for fire prevention duties was that 42 members of brigades had received full training at the Fire Service College, near Dorking, and 116 had had preliminary training by means of the introductory course at the Scottish Fire Service Training School. Not all the 42 fully trained members are available for fire prevention duties, some, for instance, having found promotion in the operational field, which means that by and large fire prevention staffs are operating considerably below their necessary quota of fully trained men. Partially trained men are, of necessity, being employed but they cannot, of course, be regarded as being fully effective until they have completed their training. As has been recorded elsewhere in this report the Scottish Fire Service Training School has, during the year, taken 43 students through the introductory fire prevention course. These, and those previously trained, as well as others who, it is hoped, will follow, should be available to augment fire prevention staffs at least until the opportunity is available for officers to complete their training.

59. During the year the Building Standards Advisory Committee, to which reference was made in my last report, has continued consideration of the content of regulations to be made by the Secretary of State under the Building (Scotland) Act, 1959. These regulations will probably bring additional demands on the services of fire brigades.

60. The authorised staffing of fire prevention departments at the end of the year is shown by the following table :

| Rank | Fire Brigade Area | | | | | | | | | | | Totals |
|----------------------------------|-------------------|---------|------|---------|--------------|---------------|----------|-------------------|---------------|---------------|---------|--------|
| | Angus | Central | Fife | Glasgow | Lanark-shire | North-Eastern | Northern | Perth and Kinross | South-Eastern | South Western | Western | |
| Divisional Officer Grade II ... | — | — | — | — | — | — | — | — | 1 | — | — | 1 |
| Divisional Officer Grade III ... | — | — | — | 1 | 1 | — | — | — | 1 | — | — | 3 |
| Assistant Divisional Officer | 1 | — | — | 1 | — | 1 | 1 | — | — | — | — | 5 |
| Station Officer ... | — | 2 | 1 | 3 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 15 |
| Sub-Officer ... | 2 | — | 2 | 2 | 5 | — | — | — | 3 | 1 | 3 | 18 |
| Totals ... | 3 | 2 | 3 | 7 | 8 | 2 | 2 | 1 | 7 | 2 | 5 | 42 |

Mutual Assistance Arrangements

61. The value of mutual assistance arrangements between brigades, which are provided for under sections 2 and 12 of the Fire Services Act, 1947, has once more been demonstrated during the period under review. It is recorded that there were 795 occasions on which aiding brigades provided either whole or part of the first attendance at fires and on 13 other occasions reinforcements were sent to neighbouring brigades.

62. The valuable assistance given by neighbouring brigades on the occasion of the Cheapside Street fire in Glasgow is a further instance which emphasises the importance of mutual aid arrangements.

Fires and other occurrences

63. Reference has been made elsewhere in this report to the disastrous fire which occurred on the 28th March at a whisky warehouse in Cheapside Street, Anderston, Glasgow. This was outstandingly the worst tragedy suffered in the peace-time recorded history of the Fire Services in Great Britain. The premises involved directly in the fire were a large group of buildings of 3-6 floors partly basemented and used for bonded storage, mostly, of whisky and for processing whisky. The premises were situated in a highly congested part of Glasgow with considerable surrounding risk. The collapse of the walls buried the victims, the majority of whose bodies could not be recovered until the fire had been extinguished; indeed, the last body was recovered some three days later. The savage severity of the disaster occurring so early in the proceedings might well have broken the morale of a less disciplined fire brigade and brought fire-fighting operations to a halt. Officers and men of the Glasgow Fire Brigade, however, unhesitatingly continued fire-fighting with such zeal and determination that the fire was extinguished some 10½ hours after the time of outbreak. The fire was prevented from spreading appreciably out of the premises of origin. Had it done so a major conflagration would have undoubtedly developed in the Anderston district. It is impossible to overrate the high sense of duty, the discipline, endurance and bravery displayed by the officers and men of the Glasgow Fire Brigade throughout the whole operation.

64. Fire brigades adjacent to Glasgow quickly responded to calls for assistance and a total of nine appliances, including one from an industrial fire brigade, attended the fire and, working in unison with the Glasgow Fire Brigade, materially assisted in controlling and ultimately extinguishing the fire. This has been an outstanding example of the ready co-operation which has always existed between Scottish fire brigades and emphasises once more the very great importance of standardisation in appliances, equipment and operational procedure.

65. Reference to the work at the Cheapside Street fire cannot be made without reference to the Glasgow Salvage Corps, which, although sharing in the same tragedy as the fire brigade, continued steadfastly in their duty at the fire so long as there was need of their services.

66. The year brought an above average number of large or difficult fires, particularly in Glasgow, but in no case were fire-fighting operations beyond the capabilities of fire brigade organisations although in some instances delay was caused in bringing in reinforcing appliances due to the long distances involved. This latter problem suggests the need to take reinforcing requirements fully into consideration when determining the provision of fire cover.

67. Many fires during the year again emphasised the problem of delayed fire calls and reached serious proportions which need not have occurred had fire brigades been called promptly.

68. The summary of fires and other occurrences given in Table 3 of this report shows a total of 12,077 actual fires for the year. This is a very noticeable reduction

of 1,380 on last year's total but is still somewhat higher than the average for recent years. Although there are no official figures for monetary fire losses, indications from other sources suggest that the overall loss for 1960 is unlikely to be appreciably less than for 1959, when such losses rose very much more steeply than in previous years. The monetary fire losses are not necessarily related to the number of fires, the majority of the losses being caused by a comparatively small number of large fires, nor is the increase in such fire losses by any means accounted for by rising costs.

69. The number of chimney fires advanced by 562 on last year's figure to a total of 9,504. With the setting up of smokeless zones in certain of the larger cities it will be interesting to see in due course what effect this may have on the number of chimney fires, which have for too long been something of a burden to the fire services.

70. Fire cover has again been unnecessarily interrupted by brigades having to turn out to malicious false alarms, of which there were 1,463 during the year. The instigators of malicious fire alarms cannot be too heavily condemned for their thoughtless and irresponsible action.

71. During the year 223 persons were rescued at fires and other occurrences by fire brigade equipment and personnel. Over the same period 71 members of the public lost their lives by fire. This figure includes 61 who died or received such injuries as resulted in death before the arrival of the brigade.

Civil Defence

72. The Fire Services take part consistently in civil defence exercises either in control rooms or on the ground. During the year exercises were held to the extent which allowed over 500 officers, men and women, of both the regular brigades and of the Auxiliary Fire Service, to gain some practical experience in emergency organisation.

73. In addition to normal civil defence training in fire brigades a satisfactory start has been made in radiac training and about 1,800 officers and men of both the whole-time and retained sections have completed courses. Over 100 members of the Auxiliary Fire Service have also completed radiac training.

Conclusion

74. The activities of the Fire Services in Scotland during the year were overshadowed by the Cheapside Street fire in Glasgow. Action is being taken to study the problem of fires involving spirit through the Fire Prevention Joint Committee and it is expected that a code will be produced which could effectively prevent a repetition of the tragedy.

75. In the operational field most brigades are feeling some benefit from increased establishments following the review of standards of fire cover; and better attendances at fires have tended to ease the burden of responsibility on officers in charge of fires and have allowed them to bring fires more quickly under control. It is through no limitations in the work of the Fire Services that monetary fire losses during the year are likely to show little reduction on those of the previous record year. The aim must be to prevent fires occurring or, if they do

occur, to restrict the possibility of spread. Once a fire reaches really large proportions there is little a fire brigade can do to save the premises involved.

76. It was too early at the end of the year to assess the work being done in fire prevention and means of escape requirements in factories. A satisfactory start has, however, been made and the work will gain impetus as experience is obtained. Staffing continues to be the main restriction in expanding fire prevention activities.

I have the honour to be,

Sir,

Your obedient Servant,

A. D. WILSON,

H. M. Inspector of Fire Services for Scotland.

| No. | Date | Particulars | Debit | Credit | Balance |
|-----|------|-------------|-------|--------|---------|
| 1 | 1880 | To Balance | | | |
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THE STATE OF NEW YORK
 DEPARTMENT OF TAXATION
 STATE TAX COLLECTOR

RECEIVED OF
 THE STATE OF NEW YORK
 DEPARTMENT OF TAXATION
 STATE TAX COLLECTOR
 THE SUM OF
 DOLLARS AND
 CENTS
 PAID TO THE STATE OF NEW YORK
 DEPARTMENT OF TAXATION
 STATE TAX COLLECTOR
 ON THIS
 DAY OF
 1900

1900

ESTABLISHMENT AND STRENGTH OF FIRE BRIGADES

31st December, 1960

TABLE I

| Whole-time—Elsewhere than at Fire Stations MEN Firemasters Assistant Firemasters Divisional Officers (Grade I) Divisional Officers (Grade II) Divisional Officers (Grade III) Assistant Divisional Officers Station Officers Sub-Officers Leading Firemen Firemen Total WOMEN Assistant Group Officers Senior Leading Firewomen Leading Firewomen Firewomen Total | BRIGADE | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | |
|---|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|-------------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|---------------|-----------------|-----------------|-----------------|-----|
| | ANGUS | | CENTRAL | | FIFE | | GLASGOW | | LANARKSHIRE | | NORTH-EASTERN | | NORTHERN | | PERTH AND KINROSS | | SOUTH-EASTERN | | SOUTH WESTERN | | WESTERN | | ESTABLISHMENT | | ACTUAL STRENGTH | | |
| | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | Establishment | Actual Strength | |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 11 | 11 |
| 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 1* | 6 | 6 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 6 | 6 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 8 | 8 |
| 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 13 | 13 |
| 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 14 | 14 |
| 7 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 35 | 35 |
| 16 | 16 | 11 | 11 | 10 | 10 | 10 | 10 | 17 | 17 | 17 | 17 | 16 | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 19 | 19 | 19 | 19 | 21 | 21 |
| 16 | 11 | 11 | 11 | 10 | 10 | 10 | 10 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 143 | 139 |
| 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 17 | 14 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 56 | 58 |
| 9 | 9 | 7 | 7 | 7 | 7 | 7 | 7 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 77 | 75 |

| Whole-time—at Fire Stations | | | | | | | | | | | | | | | | | |
|----------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| MEN | | | | | | | | | | | | | | | | | |
| Assistant Divisional Officers... | 6 | 6 | 5 | 5 | 29 | 30 | 8 | 4 | 3 | 16 | 17 | 4 | 4 | 10 | 10 | 92 | 93 |
| Station Officers | 9 | 11 | 6 | 6 | 43 | 45 | 25 | 9 | 2 | 27 | 27 | 12 | 12 | 18 | 18 | 166 | 164 |
| Sub-Officers | 9 | 10 | 10 | 10 | 60 | 63 | 9 | 9 | 3 | 15 | 15 | 12 | 12 | 12 | 12 | 152 | 159 |
| Leading Firemen | 93 | 109 | 78 | 78 | 563 | 539 | 148 | 146 | 39 | 243 | 228 | 93 | 93 | 159 | 151 | 1636 | 1551 |
| Firemen | 117 | 136 | 99 | 99 | 695 | 677 | 190 | 187 | 48 | 301 | 287 | 121 | 121 | 199 | 191 | 2046 | 1967 |
| Total | 133 | 147 | 109 | 109 | 717 | 698 | 207 | 204 | 55 | 320 | 306 | 128 | 128 | 210 | 200 | 2189 | 2106 |
| WOMEN | 9 | 9 | 7 | 7 | 27 | 27 | 9 | 9 | 3 | 8 | 7 | 6 | 6 | 9 | 11 | 92 | 94 |
| Leading Firewomen | 142 | 140 | 116 | 116 | 744 | 725 | 216 | 213 | 58 | 328 | 313 | 134 | 134 | 219 | 211 | 2281 | 2200 |
| Firewomen | 4 | 4 | 2 | 2 | — | — | — | — | 4 | 6 | 6 | 3 | 3 | 5 | 4 | 39 | 24 |
| Total | 133 | 131 | 109 | 109 | 717 | 698 | 207 | 204 | 55 | 320 | 306 | 128 | 128 | 210 | 200 | 2189 | 2106 |
| Total—Whole-time Men | 142 | 140 | 116 | 116 | 744 | 725 | 216 | 213 | 58 | 328 | 313 | 134 | 134 | 219 | 211 | 2281 | 2200 |
| Total—Whole-time Women | 4 | 4 | 2 | 2 | — | — | — | — | 4 | 6 | 6 | 3 | 3 | 5 | 4 | 39 | 24 |
| Part-time | 8 | 11 | 12 | 11 | — | — | — | — | 15 | 21 | 20 | 36 | 31 | 15 | 13 | 194 | 171 |
| RETAINED† | 13 | 13 | 22 | 22 | 42 | 40 | 11 | 10 | 17 | 33 | 31 | 44 | 41 | 27 | 24 | 259 | 233 |
| Station Officers | 100 | 84 | 136 | 98 | — | — | — | — | 140 | 120 | 202 | 337 | 298 | 226 | 187 | 1987 | 1669 |
| Sub-Officers | 125 | 108 | 170 | 127 | — | — | — | — | 176 | 152 | 259 | 420 | 372 | 273 | 228 | 2479 | 2097 |
| Leading Firemen | — | — | — | — | — | — | — | — | 24 | — | — | 50 | 23 | 208 | 164 | 637 | 482 |
| Firemen | 125 | 108 | 170 | 127 | — | — | — | — | 200 | 176 | 299 | 470 | 395 | 481 | 392 | 3116 | 2579 |
| Total | 258 | 239 | 279 | 236 | 717 | 698 | 454 | 335 | 229 | 619 | 565 | 598 | 523 | 691 | 592 | 5305 | 4685 |
| VOLUNTEERS | 9 | 9 | 7 | 7 | 27 | 27 | 9 | 9 | 3 | 8 | 7 | 6 | 6 | 9 | 11 | 92 | 94 |
| Total—Part-time | 267 | 248 | 286 | 243 | 744 | 725 | 463 | 344 | 258 | 627 | 572 | 604 | 529 | 700 | 603 | 5397 | 4779 |
| Grand Totals | 267 | 248 | 286 | 243 | 744 | 725 | 463 | 344 | 258 | 627 | 572 | 604 | 529 | 700 | 603 | 5397 | 4779 |
| Men | 258 | 239 | 279 | 236 | 717 | 698 | 454 | 335 | 229 | 619 | 565 | 598 | 523 | 691 | 592 | 5305 | 4685 |
| Women | 9 | 9 | 7 | 7 | 27 | 27 | 9 | 9 | 3 | 8 | 7 | 6 | 6 | 9 | 11 | 92 | 94 |
| Totals | 267 | 248 | 286 | 243 | 744 | 725 | 463 | 344 | 258 | 627 | 572 | 604 | 529 | 700 | 603 | 5397 | 4779 |

* Also Deputy Firemaster.

† Men available for only 12 hours daily included on basis of 2 men counting as 1 unit.

CHANGES IN WHOLE-TIME STRENGTH DURING THE YEAR
ENDED 31st DECEMBER, 1960

TABLE 2

| BRIGADE | LOSSES | | | | | | | | | | GAINS | | | |
|-----------------------|-------------------------|-------|--------------------------|-------|--|-------|--------------------------------|-------|-------------|-------|-------------------|-------|--------|-------|
| | BY DEATH | | BY RESIGNATION | | | | BY RETIREMENT | | BY TRANSFER | | BY RECRUITMENT | | TOTALS | |
| | Attributable to Service | | During First Year Period | | After 1st Year but under 10 Years' Service | | With 10 or more Years' Service | | on Pension | | to other Brigades | | Totals | |
| | Men | Women | Men | Women | Men | Women | Men | Women | Men | Women | Men | Women | Men | Women |
| Angus ... | — | — | — | — | 2 | — | 1 | — | 2 | — | — | — | 3 | 1 |
| Central ... | — | — | — | — | 5 | — | — | — | 1 | — | — | — | 2 | — |
| Fife ... | — | — | 3 | 1 | 2 | — | — | — | — | — | 1 | — | 7 | 3 |
| Glasgow ... | 15 | — | 8 | 2 | 20 | 4 | 6 | — | 4 | — | 2 | — | 68 | 7 |
| Lanarkshire ... | — | — | — | — | 1 | 2 | 1 | — | 1 | — | 1 | — | 33 | 3 |
| North-Eastern ... | — | — | 1 | — | — | — | — | — | 3 | — | — | — | 6 | 2 |
| Northern ... | — | — | — | — | — | — | — | — | — | — | — | — | — | 1 |
| Perth and Kinross ... | — | — | — | — | — | 1 | — | — | — | — | — | — | 7 | 1 |
| South-Eastern ... | — | 1 | 4 | 1 | 4 | — | 2 | — | 5 | — | — | — | 21 | 1 |
| South Western ... | — | 1 | 1 | — | — | — | — | — | — | — | 2 | — | 4 | 3 |
| Western ... | — | — | 1 | — | 6 | — | 2 | — | 3 | — | 2 | — | 14 | — |
| Totals ... | 15 | 7 | 18 | 4 | 38 | 11 | 12 | 1 | 6 | 2 | 19 | — | 175 | 21 |
| | | | | | | | | | | | | | 6 | — |
| | | | | | | | | | | | | | 181 | 21 |

SUMMARY OF FIRES AND SPECIAL SERVICES WHICH HAVE OCCURRED DURING THE YEAR
ENDED 31st DECEMBER, 1960

TABLE 3

| FIRE AREA | Fires requiring the attendance of | | | | | | | Total Fires | Chimney Fires | False Alarms | | | Total Fire Calls | Special Services | Total Calls 1960 |
|-------------------|-----------------------------------|---------|-----------|---------|-----------|------------|-------------|-------------|---------------|--------------|-----------|------------------|------------------|------------------|------------------|
| | 1 Pumps | 2 Pumps | 3-4 Pumps | 5 Pumps | 6-8 Pumps | 9-10 Pumps | 11-15 Pumps | | | 30 Pumps | Malicious | With good intent | | | |
| Angus ... | 678 | 76 | 15 | 1 | — | — | — | — | 770 | 728 | 59 | 153 | 212 | 355 | 2,065 |
| Central ... | 862 | 26 | 8 | — | — | — | — | — | 896 | 543 | 52 | 182 | 234 | 59 | 1,732 |
| Fife ... | 558 | 14 | 1 | — | — | — | — | — | 573 | 541 | 36 | 50 | 86 | 44 | 1,244 |
| Glasgow ... | 3,015 | — | — | 10 | 5 | 1 | 2 | 1 | 3,034 | 2,432 | 756 | 2,245 | 3,001 | 273 | 8,740 |
| Lanarkshire ... | 1,259 | 62 | 21 | 1 | — | — | — | — | 1,343 | 546 | 220 | 220 | 440 | 103 | 2,432 |
| North-Eastern ... | 898 | 25 | 11 | — | — | 1 | — | — | 935 | 757 | 42 | 131 | 173 | 105 | 1,970 |
| Northern ... | 342 | 30 | 8 | — | 1 | — | — | — | 381 | 319 | 19 | 37 | 56 | 46 | 802 |
| Perth and Kinross | 281 | 11 | 2 | 1 | — | — | — | — | 295 | 332 | 6 | 40 | 46 | 22 | 695 |
| South-Eastern ... | 1,813 | 9 | 6 | 1 | 1 | — | — | — | 1,830 | 2,091 | 123 | 371 | 494 | 34 | 4,449 |
| South Western ... | 830 | 7 | 4 | — | — | — | — | — | 841 | 478 | 46 | 95 | 141 | 71 | 1,531 |
| Western ... | 1,139 | 30 | 9 | — | 1 | — | — | — | 1,179 | 737 | 104 | 273 | 377 | 66 | 2,359 |
| Totals ... | 11,675 | 290 | 85 | 14 | 8 | 2 | 2 | 1 | 12,077 | 9,504 | 1,463 | 3,797 | 5,260 | 1,178 | 28,019 |

**FIRE PREVENTION INSPECTIONS
DURING THE YEAR ENDED**

TABLE 4

| (I) FIRE AREA | (II) Industrial or Business Premises or Undertakings | | | | | | | (III) Local Authority Premises or Undertakings other than headings (IV) or (V) | | | | | (IV) Schools | | | | | |
|----------------------|---|------------------------|-----------------------|-------------------------|--------------------|----------------------------|---|--|-------------|------------------------|-----------------------|-------------------------|-----------------|-------------|------------------------|-----------------------|-------------------------|-------|
| | Inspections (excluding Factories Acts inspections for month of December, 1960) | | | | | | Factories Acts Inspections (from 1st December, 1960) | Total | Full Survey | Specific Inspection | Routine Inspection | Follow-up Inspection | Total | Full Survey | Specific Inspection | Routine Inspection | Follow-up Inspection | Total |
| | Full Survey | Specific Inspection | Routine Inspection | Follow-up Inspection | Means of Escape | General Fire Prevention | | | | | | | | | | | | |
| Angus | 180 | 73 | — | 21 | — | — | 274 | 44 | 15 | — | — | 59 | 6 | 2 | — | — | 8 | |
| Central | 62 | 274 | 11 | 24 | 12 | 6 | 389 | 57 | 27 | — | 7 | 91 | 27 | 82 | 7 | 74 | 190 | |
| Fife | 8 | 177 | 2 | 18 | 2 | 3 | 210 | 3 | 8 | — | — | 11 | 6 | 38 | 2 | 3 | 49 | |
| Glasgow | 71 | 164 | — | — | — | — | 235 | 40 | 279 | — | — | 319 | 19 | 16 | — | — | 35 | |
| Lanarkshire | 348 | 2067 | — | 255 | 7 | 13 | 2690 | 21 | 85 | — | 11 | 117 | — | 172 | — | 16 | 188 | |
| North-Eastern | 39 | 96 | 3 | 4 | 3 | 25 | 170 | — | 7 | — | — | 7 | — | 51 | 2 | 3 | 56 | |
| Northern | 1 | 120 | — | 29 | 2 | 10 | 162 | 3 | 63 | 6 | 8 | 80 | 12 | 68 | — | 9 | 89 | |
| Perth and Kinross | 6 | 54 | 52 | 15 | — | — | 127 | — | 13 | 15 | 2 | 30 | — | 25 | 18 | 13 | 56 | |
| South-Eastern | 70 | 202 | — | 4 | 4 | 15 | 295 | — | 18 | — | — | 18 | 2 | 33 | — | — | 35 | |
| South Western | 3 | 59 | — | 8 | — | — | 70 | — | 6 | — | — | 6 | 3 | 19 | — | — | 22 | |
| Western | 31 | 439 | 72 | 100 | 3 | — | 645 | 3 | 71 | 72 | — | 146 | 25 | 77 | 564 | — | 666 | |
| Totals | 819 | 3725 | 140 | 478 | 33 | 72 | 5267 | 171 | 592 | 93 | 28 | 884 | 100 | 583 | 593 | 118 | 1394 | |

Note.—For the purposes of this table the terms " Full Survey," " Specific Inspection," " Routine Inspection," " Follow-up Inspection " and " Means of Escape " are used as follows :—

Full Survey. A thorough and comprehensive examination of the premises and processes at risk, as regards fire prevention arrangements which are in operation or require to be made, covering, for instance, fire appliances and equipment, water supplies, means of escape, storage conditions, and " good-housekeeping."

UNDERTAKEN BY FIRE BRIGADES

31st DECEMBER, 1960

| | (V) Hospitals, Homes, &c. | | | | | (VI) Cinemas, Theatres, and other places of Public Entertainment or Assembly. | | | | | (VII) Miscellaneous premises or Undertakings not included elsewhere in this Table | | | | | (VIII) Gross Totals | | | | | | |
|-----|---------------------------------|------------------------|-----------------------|-------------------------|-------|---|------------------------|-----------------------|-------------------------|-------|---|------------------------|-----------------------|-------------------------|-------|---|------------------------|-----------------------|-------------------------|---|----------------------------|-------|
| | Full Survey | Specific Inspection | Routine Inspection | Follow-up Inspection | Total | Full Survey | Specific Inspection | Routine Inspection | Follow-up Inspection | Total | Full Survey | Specific Inspection | Routine Inspection | Follow-up Inspection | Total | Inspections (Excluding Factories Acts Inspections for month of December, 1960) | | | | Factories Acts Inspections (from 1st December, 1960) | | |
| | | | | | | | | | | | | | | | | Full Survey | Specific Inspection | Routine Inspection | Follow-up Inspection | Means of Escape | General Fire Prevention | Total |
| 15 | 10 | 5 | — | 30 | 289 | 6 | 233 | — | 528 | 31 | 53 | — | 4 | 88 | 565 | 159 | 238 | 25 | — | — | 987 | |
| 13 | 53 | 12 | 30 | 108 | 6 | 92 | 232 | 2 | 332 | 65 | 255 | 47 | 9 | 376 | 230 | 783 | 309 | 146 | 12 | 6 | 1486 | |
| 4 | 18 | 1 | 12 | 35 | 7 | 22 | 151 | 167 | 347 | 7 | 121 | 1 | 3 | 132 | 35 | 384 | 157 | 203 | 2 | 3 | 784 | |
| 15 | 22 | — | — | 37 | 2 | 211 | 212 | — | 425 | — | 37 | — | — | 37 | 147 | 729 | 212 | — | — | — | 1088 | |
| 4 | 127 | — | 4 | 135 | 302 | 240 | — | 1241 | 1783 | 7 | 68 | — | — | 75 | 682 | 2759 | — | 1527 | 7 | 13 | 4988 | |
| 1 | 51 | 38 | — | 90 | — | 198 | 85 | 18 | 301 | 1 | 123 | — | 1 | 125 | 41 | 526 | 128 | 26 | 3 | 25 | 749 | |
| 1 | 27 | — | 6 | 34 | — | 14 | 6 | 6 | 26 | — | 246 | — | 34 | 280 | 17 | 538 | 12 | 92 | 2 | 10 | 671 | |
| 2 | 40 | 16 | 16 | 74 | — | 17 | 51 | 8 | 76 | 5 | 51 | 139 | 10 | 205 | 13 | 200 | 291 | 64 | — | — | 568 | |
| 50 | 61 | — | 6 | 117 | 4 | 309 | — | — | 313 | 44 | 446 | — | — | 490 | 170 | 1069 | — | 10 | 4 | 15 | 1268 | |
| 2 | 12 | — | 6 | 20 | 1 | 43 | 316 | 1 | 361 | 1 | 17 | — | 1 | 19 | 10 | 156 | 316 | 16 | — | — | 498 | |
| 7 | 78 | 18 | — | 103 | 15 | 107 | 508 | — | 630 | 5 | 110 | — | — | 115 | 86 | 882 | 1234 | 100 | 3 | — | 2305 | |
| 114 | 499 | 90 | 80 | 783 | 626 | 1259 | 1794 | 1443 | 5122 | 166 | 1527 | 187 | 62 | 1942 | 1996 | 8185 | 2897 | 2209 | 33 | 72 | 15392 | |

Specific Inspection. An examination of the premises and plant for the purposes indicated above, but limited to one or more particular aspect of fire prevention.

Routine Inspection. An examination made, as a rule, periodically, for the purpose of ascertaining whether particular precautions which should be in operation are in fact being maintained.

Follow-up Inspection. An inspection made following a survey or specific inspection to note progress or to advise on detail.

Means of Escape. An inspection made under section 34 of the Factories Act, 1937 as amended by sections 9 and 10 of the 1959 Act.

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