

1905.
NEW ZEALAND.

INSPECTION OF MACHINERY:

ANNUAL REPORT OF THE DEPARTMENT FOR 1904-5.

Presented to both Houses of the General Assembly by Command of His Excellency.

The Hon. the MINISTER OF MARINE to His Excellency the GOVERNOR.

Inspection of Machinery Department,
Wellington,

MY LORD,—

I do myself the honour to transmit herewith, for your Excellency's information, the report of the Inspection of Machinery Department of the colony for the financial year ended the 31st March last.

I have, &c.,

WM. HALL-JONES,

Minister of Marine.

His Excellency the Right Hon. Lord Plunket, K.C.V.O.,
Governor of New Zealand.

The CHIEF INSPECTOR OF MACHINERY to the Hon. the MINISTER OF MARINE.

Inspection of Machinery Department,

Customhouse Buildings, 2nd June, 1905.

SIR,—

I have the honour to submit herewith the Annual Report on the operations of the Inspection of Machinery Department for the twelve months which ended on the 31st March, 1905.

The work of the Department has been fully maintained during the year, and shows a marked increase in several branches, notably in the engine-drivers' examinations, the machinery inspections, and the steamer-surveys.

The prime movers available for the economical and successful driving of machinery are now very varied and numerous. The recent advent of the oil-engine, the perfecting of the gas-engine, and the introduction of the electric motor, have greatly aided to build up small manufacturing-works during the recent few years; and where steam is not absolutely required for such works, and where the work to be done is of an intermittent nature, then either of the above-mentioned engines or motor is very suitable for the said works.

I am glad to be again able to report that no boiler-explosion causing bodily injury to any one has taken place during the last financial year. Boilers are now being worked in New Zealand at as high a pressure as 400 lb. to the square inch. A large number are carrying 150 lb., and very few boilers are carrying less than 100 lb. pressure. When I joined the Department fifteen years ago a pressure of 100 lb. per square inch on a land boiler was a very rare thing. Greater care has now to be exercised in making our annual inspections and surveys than was required in former years, owing to these higher pressures now carried on boilers.

In connection with new boiler-construction all the material used must be of an approved and reliable brand, and better workmanship is now asked for, thus adding to the public safety and insuring to the owner a much more durable and reliable boiler. The engineering firms throughout the colony have met the demand for the better-class boiler with the higher pressures by equipping their workshops with the most approved and up-to-date machine tools to insure greater accuracy and speed. All the holes are now drilled, and, consequently, are fair before the rivets are put in, and the workmanship done in this particular branch of the engineering trade is of the highest class, and equals and compares favourably in every respect with those boilers which are made outside the colony.

NEW RETURN.

Return No. 21 is made for the first time, and contains full information regarding the power and class of certificates required by all steam plants in use at the present time in the colony that are of the power and class necessary to be in charge of certificated men.

BOILERS INSPECTED.

The total number of boilers inspected during the past year is 5,119, and certificates for this number have been issued. Very little friction has occurred at the annual inspections between the owners and the Inspectors, and the wishes of the owners as to time and date most suitable to them for the inspections have, in most cases, been met. It is, however, difficult to meet all cases, as the officer, when in a district, must complete all the inspections in such district within a reasonable time. All the districts throughout the colony have been visited by the Inspectors, and the work of this branch of the Department is well up to date.

The machinery attached to these boilers was all inspected at the same time that the boiler-inspections were made.

GOVERNMENT BOILERS.

The boilers and machinery at the Government institutions throughout the colony have been inspected.

DEFECTS OF BOILERS AND FITTINGS.

The number of defects found during the year in connection with boilers and their fittings total 848. Table No. 2 sets out the nature of these defects, and these clearly show the necessity for boiler-inspection. Numbers of these defects, if not attended to and remedied, would soon lead to results disastrous both to life and property.

NEW BOILERS.

The total number of new boilers added to our books during the year is 486, with a total horse-power of 7,588½. Of this number 186 were made in the colony and 300 imported.

The following table shows the numbers, the horse-powers, and the districts to which they have gone.

District.	Colonial.		Imported.		Total.	
	Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
Auckland	49	918½	70	1,222½	119	2,141
Hawke's Bay	13	181	12	194	25	375
Taranaki	7	89	10	39½	17	128½
Wellington	58	933½	94	1,548	152	2,481½
Marlborough	3	56	4	125	7	181
Nelson North	3	30	2	13½	5	43½
Nelson South	3	21	4	180	7	201
Westland	11	98	8	94	19	192
Canterbury	18	347	23	520	41	867
Timaru .. .. .	..	..	20	263	20	263
Otago	18	198	18	121½	36	319½
Southland	3	52	35	344	38	396
	186	2,924	300	4,664½	486	7,588½

GAS- AND WATER-DRIVEN MACHINERY AND LIFTS AND MACHINERY-INSPECTIONS.

During the year 786 gas-engines and 344 oil-engines were inspected. The number of lifts examined was 350. The number of hoists and motors examined was 208. The number of water-motors examined was 273. Special inspections were made of machinery, and 809 certificates issued for the same. This makes a grand total of 2,770 inspections of machinery.

FENCING OF MACHINERY.

This work has been well attended to, and the details in full of the work specified by the Inspectors to be done are attached in Table No. 4.

EXAMINATION OF ENGINE-DRIVERS.

These examinations have been held all over the colony. As far as possible every application for special place and time of examination has been met, sometimes at great inconvenience to the Examiner.

The total number of candidates this year was 1,060. A detailed list of candidates who passed their examination appears in Returns No. 8, 9, 11, 13, 14, and 15.

The examinations have been held at the following places during the year: Alexandra South, Auckland*, Blenheim, Christchurch*, Cromwell, Dannevirke, Denniston, Dunedin*, Foxton, Gisborne*, Gore, Greymouth*, Greytown North, Hokitika, Invercargill*, Manakau, Masterton*, Napier*, Nelson*, Otakeho, Palmerston North, Rahotu, Reefton*, Riversdale, Roxburgh, Takaka, Timaru*, Wanganui*, Wellington*, Westport.*

ACCIDENTS.

I regret to have to report several accidents to persons working in connection with running machinery. Returns Nos. 5 and 6 give the particulars.

DISTRICTS AND INSPECTORS.

Mr. Hood was promoted from the Auckland District to take charge of the Nelson office. Mr. Grant, who had been in the Wellington District, was transferred to the Auckland District.

A new office has been opened at Napier, the shipping work at this port having increased very much of late years. The Gisborne District has been attached to the Napier District. Mr. Sharp was transferred from Otago to take charge of the Napier District in April last year.

Mr. Ramsay was appointed an Inspector last year, and filled the vacancy in the Otago District caused by the transfer of Mr. Sharp to Napier.

Mr. Cullen was appointed an Inspector last year to fill the vacancy caused by the retirement of Mr. H. A. McGregor in Wellington.

* Places at which more than one examination was held during the year.

POSTAL AND POLICE DEPARTMENTS.

The officers of both these Departments have assisted this Department greatly in the collection of boiler fees, and in bringing defaulters into line, and assisting in prosecutions that have taken place during the year for breaches of the Inspection of Machinery Act.

MARINE ENGINEERS' EXAMINATIONS.

These examinations have taken place at the places and times set out in the Department's book of regulations, and at other places to meet the cases of those in the outlying districts. Advantage is always taken, when the Inspector is going his annual rounds of inspection in the various districts, to examine any applicant who has applied to sit for any of these marine examinations.

These examinations have been held at the Ports of Auckland,* Christchurch,* Dunedin,* Foxton, Gisborne, Greymouth,* Hokitika, Invercargill,* Maketu, Manapouri, Napier,* Nelson,* Reefton, Timaru, Waitara, Wanganui,* Wellington.*

Return No. 16 gives the names of the successful candidates and the various grades for which they passed, the total number of applicants, the total fees payable, and the number who failed.

SURVEYS OF SHIPS AND STEAMERS.

This responsible section of the Department's work has been well attended to during the year, and at the end of the year very few steam-vessels are overdue for survey. In nearly all cases one annual survey has been made, which is a very thorough one, all parts of the ship being opened up for survey. Particular attention this year has been paid to deck-equipments, the life-belts and life-buoys being tested for buoyancy in all steam-vessels. For the life-belts the test applied was 15 lb. weight in fresh water, and for the life-buoys 32 lb. weight also in fresh water. On the whole these appliances stood the test well.

The provisioning of boats, begun last year, has been completed, so also has the provisioning of rafts. To prevent the removing of provisions between surveys from the tanks in which these provisions are kept in the boats and rafts the lids of all the tanks were sealed up with a light strip of sheet brass soldered at ends to tank, and stamped by a surveyor.

A large number of repairs to steamers were effected at these various surveys.

EXPLOSIVES.

During the year 318 written permits were issued by the Department in Wellington for the carriage of explosives on steamships.

SURVEY OF SHIPS FOR SEAWORTHINESS.

Forty-seven of these special surveys were made of steam-vessels during the year throughout New Zealand. The principal causes for these surveys were the following:—Defective condition of the main steam-pipe, caused usually by local cracks near the flanges by the expansion and contraction of the pipe; damage to hull by fire through spontaneous combustion of the cargo in holds; defects in steam-boilers through the presence of oil in boiler carried over in the feed-water, with consequent overheating of the furnace-crown plating, causing slight collapses; leakage in hulls of vessels through loose rivets, mostly caused by driving vessel when light against a heavy head sea; vessels grounding at entrance to Nelson Harbour, Dunedin Harbour, Auckland Harbour, Foxton River, Bluff Harbour; defective rudders; damage through collision; broken and defective main shafts; defects in machinery.

Table No. 19 sets out clearly the dates of survey, names of vessels, where surveyed, and nature of casualty.

Fees earned by these surveys amount to £139 13s.

GOVERNMENT STEAMERS.

The Government steamers surveyed during the year were the o.e.v. "Countess of Ranfurly," s.s. "Ellen Ballance," s.s. "Hinemoa," s.s. "Janie Seddon," s.s. "Nile," and s.s. "Tutanekai."

NEW STEAMERS.

Forty-four new steamers and vessels fitted with oil-engines have been surveyed for the first time during the year. The names of these vessels are:—"Advance,"† "Albatross," "Baden Powell," "Canopus," "Defender," "Erin," "Eva,"† "Eveline," "Gael," "Hannah,"† "Irina,"† "Kamona," "Kekeno,"† "Kestrel," "Matarere," "Mavis," "Moana," "Moana" (launch), "Mullough," "Naomi II,"† "Natone," "Navua," "Niobe," "Norval,"† "Pateena," "Patiti,"† "Pitoitoi," "Putiki," "Riwaka," "Rothesay," "Rotorua,"† "Shamrock,"† "Speedwell," "Storm," "Success,"† "Sunbeam,"† "Tilikum,"† "Torgauten," "Uiera," "Vesper,"† "Violet,"† "Waiora," "Waipapakauri,"† "Wairua."

SURVEY OF STEAMERS RETURN.

The return numbered 17 gives the number of steamers surveyed by the Department for the period ended the 31st March, 1905. The return also gives the names of the steamers, their tons register, their nominal horse-power, also the indicated horse-power of steamers and brake horse power of oil-engine vessels, the nature of machinery and propeller.

The total number of surveys made of steamers and oil-engine vessels was 335. The number of different vessels surveyed was 316.

The fees received for these surveys amount to £1,764.

SAILING-SHIPS.

Ten sailing-ships were surveyed during the year, and a large number of repairs were carried out to them. Both wood and iron vessels were dealt with. Particulars regarding these vessels appear in Return No. 18.

The fees received for these surveys amount to £66 10s.

* Places at which more than one examination was held during the year. † Oil-engine vessels.

Before closing this, my tenth annual report, it might be of interest to compare the increase of the work in this Department during the last ten years by quoting for your consideration the following figures :—

	1896.	1905.
Boilers inspected	2,944	5,119
Machinery inspected	33	2,770
Steamers surveyed	207	316
Sailing-ships surveyed .. .. .	..	10
Examinations and Certificates issued—		
First-class marine engineers	2	12
Second-class	7	12
*Third-class .. .. .	..	74
River engineers	32	31
Marine-engine drivers .. .. .	..	19
*First-class oil-powered vessel engineers .. .. .	..	2
*Second-class .. .. .	..	13
*Restricted limits engineers .. .. .	..	6
*Extra first-class shore engineers .. .. .	..	7
*First-class engine-drivers .. .. .	..	234
*Second-class .. .. .	..	518
Winding-engine drivers	6	28
Traction and locomotive engine drivers	55	273
Total examinations	102	1,229

The number of service certificates that have been issued do not appear in this list. The numbers against each class represent only the candidates actually examined and who obtained certificates. The classes marked with an asterisk represent new classes of examination which have come into force by Act during the last ten years.

In the last ten years the boiler-inspections have doubled in number, the machinery-inspections have increased 8,400 per cent., and the examination-work has increased 1,200 per cent., besides the creation of a great number of classes of examinations which the above table shows. All correspondence in connection with these examinations, the issue of all boiler certificates, and the work connected with the Postal, Police, and Audit Departments, in relation to these certificates, is performed at the Head Office. This work at one time was done by each Inspector issuing the certificates within his own district, but is now done by the clerical staff, as efficiently, and at less cost.

The issue of all certificates and the centralising of the greater part of the clerical work at the Head Office has given each Inspector quite two additional clear months in each year to engage in the practical part of his duties.

During the last ten years 38,976 boiler-inspections, and 2,517 steamer-surveys have been made, and only one boiler-explosion has occurred during the whole of that time, causing the death of the attendant. It was proved that the attendant had mistaken the water-level in the gauge-glass, and had allowed the water-level in the boiler to get too low, thereby causing overheating of the furnace, which resulted in the explosion. This explosion occurred on 4th March, 1897, at Waikanae.

The above figures show what good practical work is being done by this Department.

RETURNS.

Appended are the returns in detail, numbered 1 to 21 :—

1. Number and class of boilers inspected, and fees payable on these; the machinery inspected, and the fees payable thereon; and the classes and numbers of engine-drivers' certificates issued, and the fees payable therefor.
2. Return of defects found on inspection of boilers.
3. Return of notices given to repair boilers.
4. Return of notices given to fence dangerous parts of machinery.
5. Return of accidents which were not fatal.
6. Return of accidents which proved fatal.
- 7, 8, 9, 10, 11, 12, 13, 14, and 15. Names of all persons to whom land stationary, winding, locomotive, and traction certificates of competency and service have been granted during the year.
16. List of persons who were examined for marine engineers' certificates of service and competency.
17. Return as to steamers and oil-engined vessels surveyed during the year.
18. Return as to sailing-vessels surveyed during the year.
19. Return of vessels surveyed for seaworthiness, &c., during the year.
20. Return showing sums earned or received and amount spent during the financial year for inspection of machinery, examination of engineers and engine-drivers, and survey of steamers and sailing-vessels.
21. Return showing the names of owners of boilers which require to be in charge of certificated drivers.

I have, &c.,

ROBERT DUNCAN,

Chief Inspector of Machinery, Principal Engineer Surveyor of Steamers, and
Chief Examiner of Marine Engineers and Land Engine-drivers.

The Hon. the Minister of Marine.

RETURNS.

No. 1.

(a.) RETURN showing the NUMBER of LAND BOILERS and MACHINERY for which CERTIFICATES are issued, for the Financial Year ended the 31st March, 1905.

Boilers—

Stationary—Five-horse power and under, 1,293; 10-horse power and over 5-horse power, 756; over 10-horse power, 1,403: total, 3,452.

Portable—Five-horse power and under, 166; 10-horse power and over 5-horse power, 1,155; over 10-horse power, 346: total, 1,667.

Total boilers, 5,119.

Machinery—

Hydraulic lifts, 247; gas lifts, 45; gas and water lifts, 5; oil lifts, 3; electric lifts, 40; steam and water lifts, 10; gas and hydraulic hoists and electric motors, 208; water-engines, water-motors, and water-wheels, 108; Peltons, 97; turbines, 68; gas-engines, 786; oil-engines, 344; steam machinery, 809: total machinery, 2,770.

Grand total, 7,889.

(b.) RETURN showing FEES PAYABLE for the INSPECTION of BOILERS and MACHINERY, and for the ISSUE of ENGINE-DRIVERS' CERTIFICATES during the Financial Year ended the 31st March, 1905.

Fees payable—On boilers £5,920 10s., on machinery £286; total £6,206 10s.: for engine-drivers' certificates issued, £540 10s.: total, £6,747. Government boilers and lifts inspected, but not charged, represent the further sum of £81 2s. 6d.

The cash actually received for boilers and machinery and paid into the Public Account amounted to £6,685 4s. The difference is caused by boiler-owners paying late fees. The cash actually received and paid into the Public Account for engine-drivers' application fees amounted to £667 10s. for the financial year ended the 31st March, 1905. This amount includes fees for certificates not yet issued.

(c.) RETURN showing the NUMBER of SERVICE and COMPETENCY CERTIFICATES issued to WINDING and TRACTION and LOCOMOTIVE ENGINE DRIVERS, and to STEAM-STATIONARY-ENGINE DRIVERS, during the Financial Year ended the 31st March, 1905.

Steam winding: Service 9, fees £2 5s.; competency 25, fees £12 10s.; hydraulic 1, fees 10s.: total fees, £15 5s.

Traction and locomotive: Service 1, fees 5s.; competency 230, fees £115: total fees, £115 5s.

Steam stationary: Service—First class 16, fees £4. Competency—Extra first class 5, fees £5; first class 179, fees £179; second class 444, fees £222: total fees, £410.

Summary of certificates issued: Service—Winding, 9; traction and locomotive, 1; stationary, 16; total, 26; fees, service, £6 10s. Competency—Winding, 26; traction and locomotive, 230; stationary, 628: fees, £534.

Total: Winding certificates, 35; fees, £15 5s. Traction and locomotive certificates, 231; fees, £115 5s. Stationary certificates, 644; fees, £410. Total certificates, 910: total fees, £540 10s.

No. 2.

RETURN of DEFECTS found on Inspection of Boilers during the Financial Year ended the 31st March, 1905.

Description of Defects.	Dangerous.	Defective in Lesser Degree.	Total.
A number of screwed stays in firebox wasted	1	26	27
Back tube-plates bulged	...	5	5
Back tube-plate cracked	...	1	1
Boiler-bottoms bulged	1	20	21
Boiler-bottom very thin	4	...	4
Boilers dirty	4	52	56
Brickwork setting defective	1	11	12
Circumferential seams grooved	...	2	2
Compensating-ring round manhole wasted	...	1	1
Combustion-chamber thin	...	2	2
Considerable general external waste in shell	...	2	2
Crack in firebox	...	4	4
Cross-tube thin	...	1	1

RETURN OF DEFECTS—*continued.*

Description of Defects.	Dangerous.	Defective in Lesser Degree.	Total.
Crown buckled and side-sheets thin	...	4	4
Crown of firebox slightly down	...	2	2
Crown of firebox badly bulged	4	18	22
Crown of firebox corroded	...	1	1
Crown of steam-dome wasted	...	3	3
Crown-stays wasted and tubes bad	...	1	1
Crown-stays wasted	...	4	4
Defective dogs on sludge-doors	...	4	4
Defective furnace	1	1	2
Defective stays in combustion-chamber	...	1	1
Firebox bulged slightly	...	12	12
Firebox bulged badly	2	...	2
Firebox wasted	9	15	24
Firebox badly corroded	2	...	2
Foundation-ring defective	...	1	1
Furnace-crown down	...	1	1
General deterioration (pressure reduced)	...	98	98
Laminated plate in furnace	...	2	2
Laminated plate in firebox	...	2	2
Laminated plate in flue	...	2	2
Leaky stay-nuts at back end of boiler	...	1	1
Longitudinal stays wasted	...	11	11
Lower half of shell, top of shell round uptake, and crown of furnace wasted, also stays	...	1	1
Manhole-doors bad	8	14	22
Manhole-door studs bad	...	2	2
Much wasted round shell	1	...	1
Patches defective	...	6	6
Part of bottom of shell bad	...	3	3
Plate in furnace defective	...	1	1
Rivets in front tube-plate bad	...	2	2
Seven screwed stays defective	...	1	1
Several rivets bad	...	14	14
Several screwed stays in firebox wasted	...	9	9
Shell wasted at bottom	...	1	1
Shell wasted at crown of boiler	...	2	2
Shell wasted at seat of blow-off cock	...	7	7
Shell wasted at main stop-valve seat	...	1	1
Shell wasted at sludge-door openings	10	34	44
Shell wasted round safety-valve seat	...	1	1
Shell badly pitted	...	2	2
Shell wasted round mountings	...	1	1
Shell-plate cracked at several rivet-holes	...	8	8
Slight crack in front end of furnace	...	1	1
Slight leak in crown of firebox	...	1	1
Slight leak in corner of firebox	...	1	1
Sludge-hole doors defective	...	7	7
Sludge-hole doors bad	8	23	31
Two stays wasted...	...	1	1
Top of combustion-chamber pitted	...	2	2
Three stay-tubes bad	...	1	1
Throat-plates thin	...	1	1
Top of firebox wasted at fusible plug	...	4	4
Tubes bad	...	60	60
Tube-plates bad	3	...	3
Tube-plates wasted	...	17	17
Two lengths of flue bad	1	...	1
Uptakes thin	...	6	6
Washers on longitudinal stays bad	...	1	1
Wasted at circumferential seams at bottom	...	4	4
Wasted at cross-tubes	...	2	2
Wasted at line of firebars	...	5	5
Wasted on shell in line with brickwork	...	1	1
Wasting round neck of Galloway tubes	...	1	1
Weak tube-plates	...	4	4
Totals	60	564	624

DIGESTERS found to be defective on Inspection during Financial Year ended the 31st March, 1905.

Description of Defects.	Dangerous.	Defective in Lesser Degree.	Total.
A number of rivets bad ... ..	...	21	21
Badly grooved round bottom of shell	1	...	1
Bottom door defective ... ..	...	1	1
Crown of digester bad ; also a number of rivets	1	1	2
Neck-piece for mounting and door bad ... ..	...	1	1
Stays wasted	1	1	2
Two screws in bottom door bad ... ..	...	2	2
Very much corroded inside	1	...	1
Totals	4	27	31

DEFECTIVE FITTINGS found on Inspection of Boilers for which Notice was given to renew or repair during Financial Year ended the 31st March, 1905.

1 Injector repaired.	3 New feed-check valves and chests.
2 Main stop-valves and safety-valves repaired.	6 New safety-valves.
1 New injector.	1 New safety-valve and seat.
21 New water-gauge mountings.	1 New steam-dome.
2 New water-gauge pipes.	7 New spring balances.
7 New handles for water-gauge mountings.	2 New gland-studs in blow-off cock.
1 New drain-cock to water-gauge mountings.	1 New feed-pump.
11 New fusible plugs.	1 New feed-pump valve.
1 New bend fitted to feed-pipe.	9 New manhole-doors.
26 New steam-pressure gauges.	29 New sludge-hole doors.
3 New steam-pipes.	3 Spring balances repaired.
17 New blow-off cocks.	1 Safety-valve repaired.
4 New blow-off pipes.	1 Safety-valve lever repaired.
1 New branch for main steam-pipe.	20 Water-gauge cocks repaired.
1 New bend in main steam-pipe.	
8 New test-cocks.	193
1 New stud for blow-off cock.	

No. 3.—RETURN of NOTICES given to REPAIR BOILERS during the Financial Year ended the 31st March, 1905.

Number.	Type.	Description of Repairs.
1	Cornish ...	Brickwork repaired.
2	" ...	A number of rivets renewed in shell.
1	" ...	Laminated plate cut out of flue, and new one fitted.
2	" ...	A portion of furnace renewed.
1	" ...	A patch put under blow-off cock on shell.
1	" ...	Two angle-iron rings fitted to strengthen crown of flue.
6	" ...	A portion of bottom of shell renewed.
1	Dryback Marine ...	Furnace-crown set back.
1	Lancashire ...	Laminated plate cut out, and new one fitted.
2	Locomotive ...	Compensating-rings fitted round sludge-openings.
6	" ...	New longitudinal stays fitted.
1	" ...	Front tube-plate riveted to shell.
1	" ...	New stud fitted to sludge-door.
1	" ...	Three new stay-tubes, and eight new crown-stays.
1	" ...	New front tube-plate fitted.
1	" ...	Two new patches fitted in fire-box, and thirty new screwed stays.
2	" ...	A number of new screwed stays fitted.
1	" ...	A new set of tubes and new firebox fitted.
1	" ...	Seven new stay-tubes.
1	" ...	New firebox, and new skirting.
1	" ...	New firebox.
1	" ...	Retubed.
1	" ...	Ten new crown-stays fitted.
1	" ...	Five new rivets in firebox.
1	Marine ...	Retubed, and new manhole-door fitted.
1	" ...	Three new stays put in combustion-chamber.
1	" ...	Defective furnace patched.
1	" ...	Blow-off cock taken off pipe and placed direct on boiler.
1	Multitubular ...	Compensating-ring fitted round main stop-valve opening in shell.
3	" ...	New longitudinal stays fitted.
4	" ...	Bulge in bottom of shell cut out, and patch riveted on.
1	" ...	Brickwork rebuilt.

RETURN of NOTICES given to REPAIR BOILERS—*continued.*

Number.	Type.	Description of Repairs.
9	Multitubular	... Brickwork repaired.
2	"	... A number of rivets renewed in shell.
5	"	... Patch riveted on crown of steam-dome.
3	"	... New studs in sludge-door.
5	"	... Compensating-rings fitted to sludge-door openings.
11	"	... Retubed.
1	"	... New patch fitted on shell under blow-off cock.
1	"	... Patch on shell at blow-off cock rejoined.
1	"	... One new stay and one new tube fitted.
5	"	... Manhole-doors repaired.
3	"	... Manhole-doors reriveted.
1	"	... Three new stay-tubes fitted.
12	"	... New sludge-doors.
1	"	... Washers on longitudinal stays renewed.
1	"	... New tube-plate in front end, and retubed.
1	"	... Three new plates fitted in shell.
8	"	... New manhole-doors.
1	"	... A number of new rivets put in circumferential seams.
1	"	... New steam-dome.
1	"	... Sixteen new stay-tubes.
1	"	... Compensating-rings fitted round manhole-openings.
1	"	... Patch fitted on bottom of shell.
3	"	... A number of new tubes put in.
2	"	... A number of tubes drawn to clean boiler.
1	"	... Top rows of tubes renewed.
1	"	... Patch riveted on boiler under steam-dome.
38	Portable	... Compensating-rings fitted round sludge-door openings.
1	"	... Several new stay-tubes fitted.
2	"	... Patch fitted under fire-door in furnace.
2	"	... Patches in firebox renewed.
15	"	... Retubed.
1	"	... Three patches fitted on corners of firebox.
2	"	... New girder-stays fitted to firebox-crown.
2	"	... Patches fitted to bottom of firebox.
2	"	... Three new longitudinal stays fitted.
1	"	... New firebox, new set of tubes, and new set of screwed stays fitted.
1	"	... Throat-plate patched.
7	"	... New studs fitted to sludge-doors.
1	"	... Front tube-plate patched, four new tubes and fifteen new screwed stays.
2	"	... Patched on crown of firebox round fusible plug.
2	"	... Front tube-plate reriveted.
1	"	... New firebox fitted, also new stay-tubes.
1	"	... New dog for sludge-door.
1	"	... Longitudinal stays renewed and front tube-plate reriveted.
7	"	... Patches fitted in firebox.
7	"	... New sludge-doors.
1	"	... Manhole-door repaired.
1	"	... A number of new tubes fitted.
1	"	... New girders on firebox crown and compensating ring round sludge-door openings.
1	"	... Two new plates put in bottom of barrel and retubed.
1	"	... Twelve new tubes.
2	"	... Patch fitted on shell under blow-off cock.
1	"	... Nine new tubes put in.
1	"	... New firebox and girder-stays.
1	"	... Patch fitted on barrel under feed-pump.
1	"	... Patch fitted at corner of foundation-ring.
1	"	... Four new stays and new studs in sludge-doors.
3	"	... New longitudinal stays fitted.
1	"	... New crown in fire-box and patch at back end of firebox.
1	"	... New firebox.
1	"	... Twenty new screwed stays put in firebox.
1	"	... Fifteen new screwed stays put in firebox.
1	"	... Thirty new screwed stays put in firebox.
14	"	... A number of new screwed stays put in firebox.
1	Rectangular	... Compensation-ring fitted round sludge-door opening.
1	Semi-portable	... Retubed.
1	"	... Patch fitted on crown of firebox.
1	"	... Two new longitudinal stays.
1	"	... Longitudinal stays cut and jointed.
1	Semi-tubular	... New furnace and tubes fitted.
1	"	... Compensating-ring fitted round sludge-door openings.

RETURN of NOTICES given to REPAIR BOILERS—*continued.*

Number.	Type.	Description of Repairs.
1	Semi-tubular	... New sludge-door.
1	"	... Several stays renewed.
1	"	... Furnace-crown strengthened.
2	Traction	... New tubes and firebox fitted.
1	"	... Patches in firebox and on outside shell renewed, also tube-ends cut off and beaded over.
1	"	... Two patches in firebox and four new stays.
2	"	... A number of new screwed stays fitted in firebox.
6	"	... A number of new tubes put in.
1	"	... Patch fitted on shell under blow-off cock.
3	"	... Fireboxes patched.
13	"	... Retubed.
1	"	... New firebox and new screwed stays fitted.
1	"	... Seven new screwed stays fitted in firebox.
1	"	... Seven new tubes put in.
1	"	... New pins put in end of palm-stays.
4	"	... Compensating-rings fitted round sludge-door openings.
1	"	... Patch put on back head.
1	"	... Twenty new screwed stays put in firebox.
1	"	... New studs and nuts for manhole-door.
1	"	... Compensating-ring fitted round manhole-opening and four new stay-tubes.
1	"	... Old patch taken off firebox and a larger one fitted.
1	"	... Eight new screwed stays in firebox.
1	"	... Eleven new screwed stays in firebox.
5	"	... Tubes expanded and ferrules fitted.
3	"	... A number of tubes drawn for cleaning and replaced.
1	Vertical cross tube	... Lower half of shell renewed.
1	"	... Patch put on shell under feed-pump.
1	"	... New uptake fitted.
1	"	... Patch fitted under blow-off cock.
1	"	... Foundation renewed.
1	"	... Compensating-ring round sludge-door opening, and two patches at bottom of shell.
1	"	... Manhole-door repaired.
1	"	... New sludge-door fitted.
1	Vertical flue	... One new stay fitted.
1	"	... Compensating-ring fitted round sludge-door opening and check-valve opening.
1	"	... Patch round skirting of firebox.
1	"	... New firebox-crown and new uptake.
2	"	... New uptakes fitted.
1	"	... Compensating-ring round sludge-door opening, also round water-gauge openings.
4	"	... New sludge-doors fitted.
1	"	... Nine extra stays put in furnace.
1	"	... Compensating-ring round sludge-door opening and uptake riveted.
2	"	... Uptake patched.
1	"	... Lower half of shell renewed, new neck-piece round uptake, new furnace-crown, six new stays, and patch at bottom of firebox.
1	Vertical field tube	... Retubed.
1	"	... New sludge-door.
1	"	... Compensating-ring round sludge-door openings.
1	Vertical portable	... New sludge-door.
1	"	... Compensating-rings round sludge-door openings.
12	Vertical tubular	... "
15	"	... Retubed.
1	"	... Four new stays fitted.
1	"	... New firebox-crown.
1	"	... Two new stays fitted.
1	"	... New crown-plate fitted.
1	"	... Firebox patched.
1	"	... Patched round line of firebars.
2	"	... New stays fitted.
8	"	... New crown and new tubes fitted.
1	"	... New set of tubes and four new stays.
4	"	... New sludge-hole doors.
1	"	... Three new stays put in.
1	"	... New top tube-plate.
1	"	... A number of new tubes.

No. 4.—RETURN of NOTICES given to FENCE or REPAIR DANGEROUS PARTS of MACHINERY, &c., during the Financial Year ended the 31st March, 1905.

Number.	Machinery.	Particulars.
1	Bakery ...	Shaft of dough-mixing machine.
1	Bone-mill ...	Belting.
1	Boot-factory ...	Main shafting.
3	Brewery ...	Grinding-mill, also elevator and bottling-machine belting.
2	Brickmaking ...	Shafting and belt.
1	" ...	Pug-mill.
1	Cement-works ...	Machinery and belts.
1	Chaff-cutting ...	Machinery.
1	Cheese-factory ...	Refrigerator and engine fly-wheel.
3	Coach-factory ...	Belting.
2	Cordial-factory ...	Machinery.
4	Creamery ...	Machinery and belting.
12	" ...	Fly-wheel.
4	Dairy-factory ...	Belting and machinery.
2	" ...	Engine fly-wheel.
1	" ...	Pulley and belting.
1	" ...	Churn.
14	Dredging ...	All machinery and belting.
1	" ...	Windlass.
1	" ...	Engine fly-wheel.
1	" ...	New crown-wheel to fit.
1	" ...	Framework carrying top tumbler to strengthen.
4	Electric motors ...	Belting.
1	" ...	End of motor-shaft.
1	Electric lift ...	Wire ropes renewed.
1	Emery wheel ...	Belting.
2	Engineers' shops ...	Fly-wheel of Engine and emery wheel.
2	" ...	Belting.
1	" ...	Planing-machine belt.
1	Fellmongery ...	All belting.
1	Fish-preserving ...	Main driving-belt.
8	Flax-mill ...	Main driving-belts.
2	" ...	Shafting.
7	" ...	Machinery.
1	" ...	End of roller-spindle.
1	" ...	End of Pelton wheel and scutcher-shaft.
2	" ...	Belting to fence and mouth of scutcher to reduce.
2	" ...	Fly-wheel of engine and belting.
5	" ...	Size of scutcher-mouth to reduce.
4	" ...	Scutcher-belt.
1	" ...	Fly-wheel of engine to fence and mouth of scutcher to reduce.
1	" ...	Roller-belts.
4	" ...	Mouth of scutcher to be strengthened.
1	Flour-mill ...	Belting.
1	" ...	Intermediate shafting and oatmeal-stones shafting.
1	" ...	Intermediate shafting and rollers, also upright shaft for turbine.
1	" ...	Intermediate and main shafting.
1	" ...	Countershaft.
3	Fly-wheels ...	Bands shrunk on to strengthen them.
1	Freezing-works ...	Belting and end of compressor-shaft.
1	Furniture-factory ...	Belting.
4	Gas-engines ...	To be securely fenced.
1	" ...	Fly-wheel and shafting.
7	" ...	Fly-wheels.
9	" ...	Projecting keys in fly-wheel.
10	" ...	End of crank-shaft.
3	Gas lifts ...	New wire ropes fitted.
12	" ...	Safety grips overhauled.
1	" ...	New chain fitted.
1	" ...	New safety grips fitted.
3	Hydraulic lifts ...	Doors to be fitted to cage.
5	" ...	Chains annealed.
13	" ...	New wire ropes fitted.
1	" ...	Chains renewed.
1	" ...	Counterpoise-weight renewed and safety grips overhauled.

RETURN of NOTICES given to FENCE OR REPAIR DANGEROUS PARTS of MACHINERY, &c.—*continued.*

Number.	Machinery.	Particulars.
1	Hydraulic lifts	New safety grips to fit.
2	"	New springs for safety catches.
1	"	Three new wire ropes, new guides for counterpoise-weight, waste water and air pipes renewed.
1	Jam-factory	Belting.
1	Joiner's shop	Emery wheel.
2	"	Planing-machine belts.
2	"	Main shafting.
1	"	Circular-saw.
1	"	Countershaft.
2	Leather-dressing	Machinery.
4	Log-hauling	"
1	"	Projecting key in shaft to cut off.
1	Manure-works	All belting.
17	Oil-engines	Fly-wheel and belting.
4	"	End of crank-shaft and driving-belt.
3	"	End of crank-shaft.
4	"	Fly-wheels.
4	"	Belting wheels and pulleys.
1	Oleo-works	All belting.
2	Pelton wheels	Belts and gearing.
2	"	Main driving-pulley, belting, and crown wheel.
4	"	Machinery.
2	Power lift	Safety-catches to fit.
1	Portable engine	Fly-wheel.
1	Printing machinery	Wheels and rollers.
1	"	Countershafting.
1	"	Vertical shafting.
2	"	Fly-wheels.
2	"	Belting.
1	"	Projecting key in shafting.
1	"	Main shafting.
2	Quartz-crushing machinery	Machinery and belting.
1	Riding-gallery	Wire-rope and machinery.
1	Sash and door factory	Four belts to fence.
1	"	Fly-wheel of engine and belting.
2	"	Two emery wheels.
3	"	Belting.
61	Sawmills	Belting, pulley, and machinery.
1	"	Fly-wheel of engine.
1	"	Two emery wheels and engine-belt.
1	"	Emery wheel and end of pulley-shaft.
1	"	Planing-machine belt.
1	"	Pump-shaft.
4	"	Main driving-belts.
2	Spring-mattress making	Main shafting and belts.
10	Steam-engines	Fly-wheel and shafting.
1	Steam-lift	Safety grips overhauled.
1	Tannery... ..	Machinery.
1	Tobacco-cutting	Projecting key in shaft to cut.
1	Traction-engine	Spur-wheel and steering-gear to repair.
3	"	Spur-gearing to renew.
1	"	Driving-wheel to refasten and feather in worm-wheel gear to renew.
2	Turbine	Race to cover and bevel-wheels to guard.
1	Twine-mill	Machinery.
1	Venetian-blind factory	Belting and shafting.
4	Water-wheel	Water-race.
1	"	Wheel to guard and race to fence.
4	"	Pulleys and belts.
1	Winding-engine	Clutch-keys to renew.
1	"	Boss of drum-wheel to refasten.
1	"	New wire rope.
3	Woodworking	Belting.
4	"	Fly-wheel of engine and belts.
1	"	Band saw.
1	"	End of shaft and planing-machine belt.
5	"	Pulleys, shaft, and belting.
1	Wool-dumping	Engine and pulleys.
1	Wool-works	Main driving-shaft.

No. 5.—RETURN of ACCIDENTS (not Fatal) in connection with Machinery during the Financial Year ending the 31st March, 1905.

Name and Address of Owner.	Description of Machinery.	Name and Age of Person injured.	Date and Nature of Accident.	Cause of Accident, and Remarks.
John Kingsland and Co., Bootmakers, Invercargill	Rollers ..	William Fearn; aged 40	28th May, 1904: slight bruise on arm	Own fault. The attendant went under guard, although warned not to do so, just before the accident occurred.
Clark Bros., Merchants, Maheno	Circular saw ..	Frederick Townsley; aged 25	23rd June, 1904: lost three fingers of left hand	Mishap. Cutting firewood. Saw refused a round hard piece of wood, causing it to act as a screw, drawing fingers into saw.
Hadley and Co., Albert Street, Auckland	Hydraulic goods-lift	J. Lane; aged 31	3rd July, 1904: sprained arms	Mishap. Cage dropped. Cage was supposed to have been jammed on the guides, or by counterpoise-weight rope, on a level with the third floor. The cage-rope by some means having slackened and come off the pulley, the man injured jumped on the cage, when it immediately dropped to the ground floor.
Young and Co., Wakaipatu	Circular saw ..	George Sims; aged 22	8th July, 1904: cut finger	Own fault. He attempted to remove with his fingers a chip from edge of saw while in motion.
W. Cable and Co., Lion Foundry, Wellington	Drilling-machine	John McKay; aged 20	25th July, 1904: top of two fingers on left hand taken off	Carelessness. Reaching up without looking, he put his fingers between bevel-wheels of the drilling machine he was attending to at the time of accident.
Robertson Bros., Sash and Door Factory, Hardy Street, Nelson	Machine, "General Joiner"	William F. Pellew; aged 38	26th July, 1904: fingers of left hand taken off in a line from the base of little finger to the second joint of first finger	Mishap. The injured man states that his foot slipped, and, extending his hand to save himself, he placed it in the way of the revolving knives of the machine he was working at the time.
Searle and Co., Ocean Beach, Invercargill	Flax-mill ..	August Haas; aged 22	9th August, 1904: collar-bone broken	Carelessness. The injured man went inside rail to put on the belt on water-scutcher while the machinery was in motion. His coat caught on collar of shaft.
William Laws, Waimahaka, Southland	Flax-mill ..	Albert Smith; aged 20	28th September, 1904: broken arm, and badly bruised	Mishap. His foot slipped, and his arm was drawn into the water-scutcher and was badly crushed.
Bycroft (Limited), Flour-millers, Auckland	Steam-engine ..	Richard Moody; aged 24	14th October, 1904: finger badly crushed	Carelessness. Attempting to clean connecting-rod of engine while in motion.
John McGregor and Co., Otago Foundry, Dunedin	Punching and shearing machine	Archibald Miller; aged 20	15th October, 1904: crushed thumb	Carelessness. Using his hand instead of the tongs. The plate sprang up and jammed his thumb against the machine.
J. Kerr, Flax-mill, Brown's, Invercargill	Flax-mill ..	Alexander Paterson; aged 19	17th October, 1904: lost left hand	Mishap. His hand became entangled in hank of fibre and was drawn into scutcher. The scutcher was fitted with safety mouth-piece.
W. Cable and Co., Lion Foundry, Wellington	Lathe..	A. Williamson; aged 50	19th October, 1904: injured shoulder and ribs	Mishap. While shifting belt of lathe, a rudder-arm, which he was boring out, struck him on the shoulder.
Michaelis, Hallenstein and Farquhar, Tanners, &c., Dunedin	Leather-roller ..	James Kay; aged 27	2nd November, 1904: hand lacerated	Mishap. His hand was caught in leather-rollers. He reversed machine himself and freed his hand, which was badly torn.
John Wilson and Co., Warkworth	Cement and lime machinery	Edward Stewart; aged 30	2nd November, 1904: injury to muscles of thigh and calf of leg	Carelessness. Stewart was putting a belt on a clutch-pulley while machinery was in motion.
M. Raymond, Flax-miller, Nokomai	Flax-mill ..	R. Gardiner; aged 50	7th November, 1904: lost forefinger	Carelessness. He allowed his hand to get into stripper while he was feeding flax.
Moir and Co., Cashel Street, Christchurch	Boiler..	Norman Archer; aged 20	18th November, 1904: burns on neck and arms	Ignorance. He was using kerosene to loosen scale in a hot boiler immediately after the boiler had been blown down. A gas was formed, in the presence of which he lit a match, when an explosion occurred.

No. 5.—RETURN of ACCIDENTS (not Fatal) in connection with Machinery—*continued.*

Name and Address of Owner.	Description of Machinery.	Name and Age of Person injured.	Date and Nature of Accident.	Cause of Accident, and Remarks.
Murgatroyd Bros., Manchester Street, Christchurch	Wool-scouring machine	Alfred Ransley; aged 31	23rd November, 1904: crushed fingers	Carelessness. This employee attempted to lubricate the cog-wheels of this machine while in motion.
Smith, McKean and Co., Ohutu	Saw-mill ..	John McKean; aged 22	25th November, 1904: arm cut with circular saw and afterwards amputated in the hospital above elbow	Mishap. While driving a wedge on the breaking-down bench he missed the wedge and his right arm went back into the saw.
Campbell and Burke, 2, Belfast Street, Wellington	Planing machine	Ernest Merick; aged 18	1st December, 1904: left hand cut off	Carelessness. While pushing a piece of timber over the planing-knives his fingers were caught by the blades, the hand drawn in, and severed below the wrist.
Richard Kent, Victoria Street, Christchurch	Polishing machine	S. J. Sapsford; aged 19	1st December, 1904: cut over eye	Mishap. Clothing got caught in machine he was attending to.
R. Hannah and Co., Lambton Quay, Wellington	Leather-rollers..	William Sadd; aged 17	1st December, 1904: finger crushed	Carelessness. Finger caught while feeding machine.
A. H. Webb, 146, Montreal Street, Sydenham, Christchurch	Wood-planing machine	W. Webb; aged 21	9th December, 1904: lost little finger	Carelessness. While pushing a piece of timber over the knives his hand slipped and got caught.
Philip Wills, Hanson Street, Wellington	Power clothes-wringer	Arthur Miller; aged 39	19th December, 1904: finger slightly crushed	Mishap. Inadvertently put his hand on top of revolving wheel, while engaged at work at the wringer.
Bycroft (Limited), Shortland Street, Auckland.	Biscuit-cutting machine	Wilfred Jonson; aged 19	30th December, 1904: fingers out	Foolhardiness. Attempted to clean dough off stamps with his fingers while machine was in motion.
Bycroft (Limited), Shortland Street, Auckland	Biscuit-cutting machine	Hugh Griffiths; aged 18	6th January, 1905: finger out	Foolhardiness. Griffiths attempted to remove the dough from machine while in motion.
H. Brown and Co., New Plymouth	Mitre machine ..	Edward Shaw; aged 30	4th January, 1905: top of middle finger of left hand cut off	Mishap. Inadvertently put his hand in mitre machine.
G. Methven and Co., Crawford Street, Dunedin	Lathe ..	G. Cunningham; aged 20	10th January, 1905: injury to hand	Carelessness. Through ignoring instructions and handling drill wrongly he got his hand jammed in the lathe-rest.
W. Cable and Co., Lion Foundry, Wellington	Lathe ..	H. Johnson; aged 19	11th January, 1905: second finger of right hand lacerated	Mishap. Finger caught between tool and the piece of brass he was working. With care it might have been avoided.
W. Cable and Co., Lion Foundry, Wellington	Travelling crane	S. Williamson; aged 16	13th January, 1905: arm lacerated	Foolhardiness. Attempted to lubricate machine while in motion.
C. and W. Hayward, 103, George Street, Dunedin	Wood-planing machine	A. L. Hayward; aged 39	17th January, 1905: lost first three fingers of right hand	Carelessness. While feeding he allowed his hand to get into the knives of the wood-planing machine.
Wairarapa Farmers' Co-operative Association, Masterton	Goods-lift machine	Edwin Daniel; aged 26	27th January, 1905: thumb crushed	Mishap. In reversing machine by hand he got his hand caught in cog-wheels.
James Maddren, Madras Street, Christchurch	Flax-stripper ..	W. Chenery; aged 38	13th February, 1905: finger taken off at second joint	Mishap. Slipped while working at the machine and inadvertently put his hand between cog-wheels in trying to recover himself.
Aulsebrook and Co., Confectioners, Christchurch	Biscuit-cutting machine	George Evens; aged 16	20th February, 1905: fingers of left hand crushed	Foolhardiness. Attempting to clear the cutters with his hand while the machine was in motion.
Junction Electric Gold-mining Company (Limited), Dunedin	Steam-engine ..	Charles Tizard; aged 18	22nd February, 1905: two toes broken	Mishap. While in the act of lubricating the engine, which at the time was not in motion, with his foot in the path of the crank, the winchman suddenly lifted the ladder, freeing the buckets and causing the engine to turn half a revolution and jamb Tizard's foot.
Edmonds and Page, Tuam Street, Christchurch	Woodworking machine	William Evans; aged 30	24th February, 1905: fingers of right hand badly cut	Carelessness. While working at the machine his right hand was caught.
Griffin and Sons (Limited), Nelson	Circular saw ..	Thomas Lining; aged 30	16th March, 1905: thumb and two fingers of right hand injured	Foolhardiness. Through placing his right hand on the back of the saw while in motion to remove sawdust.

No. 5.—RETURN OF ACCIDENTS (not Fatal) in connection with Machinery—*continued.*

Name and Address of Owner.	Description of Machinery.	Name and Age of Person injured.	Date and Nature of Accident.	Cause of Accident, and Remarks.
William Ross and Sons, twine manufacturers, Napier	Carding-machine	Timothy McCarthy; aged 18	27th March, 1905: arm drawn into cord-rolls and crushed	Mishap. McCarthy was attending to carding-machine when his foot slipped. While stretching out his arm to save himself from falling he inadvertently thrust his hand between the rolls of machine. His hand and lower part of arm were crushed before machine could be stopped.
R. Hannah and Co. (Limited), Lambton Quay, Wellington	Seam-finisher ..	L. Williams; aged 15	30th March, 1905: pinched and bruised arm	Carelessness. In reaching over the machine while it was in motion her arm came in contact with two small cog-wheels, with the result that the flesh was pinched and slightly bruised. The girl was entirely to blame for the accident in not stopping the machine which she controls by pressure of the foot.

No. 6.—RETURN of ACCIDENTS which proved Fatal in connection with Machinery during the Financial Year ended the 31st March, 1905.

Name and Address of Owner.	Description of Machinery.	Name and Age of Person injured.	Date and Nature of Accident.	Cause of Accident, and Remarks.
Andersons (Limited), Lyttelton	Rivet-making machine	Norman Henderson; aged about 45	17th May, 1905: crushed	Carelessness. While putting belt on pulley to drive rivet-making machine he was caught in belting, carried round shafting, and killed.
New Zealand Pine Company, Invercargill	Twin circular-saws	Henry Davis; aged 32	21st July, 1904: blow under the ear	Mishap. There was an unnoticed split in one end of log. When cut by saw a piece became detached, and flew off and struck Davis.
National Mortgage and Agency Company (Limited) of New Zealand, Dunedin	Shafting for driving grindstone	James Friar; aged 55	21st July, 1904: dismembered	Mishap. Friar was caught in belt and whirled round shaft. No one saw the accident.
City of Wellington Electric Light and Power Company, Harris Street, Wellington	Electric generator-switch	W. E. Warren; aged 34	1st December, 1904: electrocuted	Carelessness. Warren came in accidental contact with a highly charged electrical circuit while handling a switch. He failed to take the precaution to put on the rubber gloves provided for the purpose by the firm when dealing with any switch alteration.
King Solomon Syndicate, Cullensville	Overshot water-wheel	Charles Peter Nielsen; aged 53 years	24th March, 1905: crushed	Mishap. He was cutting the spare end of the shaft, and, while attending to the cutter, his coat must have caught in the set screw in the collar on shaft. The wheel was revolving at the time.

No. 7.—RETURN of STEAM-WINDING-ENGINE DRIVERS to whom CERTIFICATES of SERVICE have been granted from the 1st April, 1904, to the 31st March, 1905.

Name of Person.	Class of Certificate.	Date of Issue.	No.
		1904.	
Alfred Edward Stephens	Winding, service	July 8 ...	48
William Turner	" "	" 8 ...	49
John Brooking	" "	September 19 ...	50
Cornelius John Dixsan	" "	November 11 ...	51
Albert Edward Fenning	" "	" 11 ...	52
George Henry Garrett	" "	December 30 ...	53
		1905.	
James Henry Heath	" "	January 25 ...	54
James Dunstan	" "	" 25 ...	55
Henry Beckett	" "	February 8 ...	56

No. 8.—RETURN of HYDRAULIC-WINDING-ENGINE DRIVERS to whom CERTIFICATES of COMPETENCY have been granted from the 1st April, 1904, to the 31st March, 1905.

Name of Person.	Class of Certificate.	Date of Issue.	No.
William Brown	Winding, competency ...	1905. January 25 ...	306

No. 9.—RETURN of STEAM-WINDING-ENGINE DRIVERS to whom CERTIFICATES of COMPETENCY have been granted from the 1st April, 1904, to the 31st March, 1905

Name of Person.	Class of Certificate.	Date of Issue.	No.
Benjamin Alexander Johnston	Winding, competency ...	1904. May 13 ...	284
Gilbert Alexander Gillies	" "	" 13 ...	285
Adam Clarke Girven	" "	" 13 ...	286
John Vincent Riesterer	" "	" 13 ...	287
Peter James McMahon	" "	July 8 ...	288
Francis Clerkin	" "	" 8 ...	289
Richard William Hocking... ..	" "	" 8 ..	290
Robert Alexander Stewart	" "	" 8 ...	291
Donald John McDonald	" "	" 8 ...	292
Frank Ball	" "	" 8 ...	293
Harold Gustaff Anderson	" "	August 16 ...	294
William Barlow Houghton	" "	" 16 ...	295
William McLean	" "	" 16 ...	296
John Cook Petrie	" "	" 16 ..	297
Albert John Stewart	" "	" 16 ...	298
John Thomas Ward	" "	September 19 ...	299
William Frederick Dengate	" "	November 11 ...	300
James Turnock Bennett	" "	" 11 ...	301
Samuel George Veale	" "	" 11 ...	302
Richard Perry	" "	" 11 ...	303
Arthur John Clarke	" "	" 11 ...	304
Henry Joseph Boardman	" "	December 30 ...	305
August Crowder	" "	1905. March 13 ...	307
Edward Patton	" "	" 13 ...	308
Daniel Joseph Scally	" "	" 13 ...	309

No. 10.—RETURN of TRACTION and LOCOMOTIVE ENGINE DRIVERS to whom CERTIFICATES of SERVICE have been granted from the 1st April, 1904, to the 31st March, 1905.

Name of Person.	Class of Certificate.	Date of Issue.	No.
Charles Mancy	Traction, service ...	1904. September 19 ...	547

No. 11.—RETURN of TRACTION and LOCOMOTIVE ENGINE DRIVERS to whom CERTIFICATES of COMPETENCY have been granted from the 1st April, 1904, to the 31st March, 1905.

Name of Person.	Class of Certificate.	Date of Issue.	No.
James William Wilson	Locomotive and traction, competency	1904. May 13	1081
Percy Edwin Smart	Ditto	" 13	1082
Robert Patchett	"	" 13	1083
John Jacob Davis Freeman	"	" 13	1084
Stanley Richardson Jackson	"	" 13	1085
Roderick Gordon Litchfield	"	" 13	1086
David Smart	"	" 13	1087
Joseph Henry Stade	"	" 13	1088
William Henry Hadler	"	" 13	1089
George Hardie	"	" 13	1090
Henry Thompson	"	" 13	1091
James Pedersen	"	" 13	1092
John Keay, jun.	"	" 13	1093
Andrew McLauchlan	"	" 13	1094
Andrew Gardiner Copland	"	" 13	1095
Kenneth Russell Gwatkin	"	" 13	1096
William John Lambie	"	" 13	1097
Alfred Thomas Sambrook	"	" 13	1098
Arthur Samuel Carr	"	" 13	1099
Edward John Sanger	"	" 13	1100
William Duncan Crossan	"	" 13	1101
James Holmes Straw	"	" 13	1102
Colin Armstrong Sutherland	"	" 13	1103
William John Brown	"	" 13	1104
Jared Henry Graham	"	" 13	1105
Charles Henry Williams	"	" 13	1106
Robert Dawson	"	" 13	1107
Thomas Aitken	"	" 13	1109
Thomas Joseph Boyle	"	" 13	1110
Alexander Caithness	"	" 13	1111
William Moore Carson	"	" 13	1112
James Joseph Crawford	"	" 13	1113
George Cushnie	"	" 13	1114
Thomas Guise	"	" 13	1115
Adam Hamilton	"	" 13	1116
James Macartney	"	" 13	1117
James George McCartney	"	" 13	1118
William Tweedie Richmond	"	" 13	1119
David Sheddan	"	" 13	1120
Joseph Sutton	"	" 13	1121
Charles Sydney Woodward	"	" 13	1122
David Baldwin	"	" 13	1123
John Henry Campbell	"	July 8	1124
Charles Henry Eves	"	" 8	1125
John Cupit Phelan	"	" 8	1126
William Anderson Lamb	"	" 8	1127
Philip Charles Lewis	"	August 16	1128
John Alexander	"	" 16	1129
John Creighton, jun.	"	" 16	1130
John Dick	"	" 16	1131
Walter William Gaiger	"	" 16	1132
Donald Morrison	"	" 16	1133
Benjamin Shears	"	" 16	1134
Jesse Colin South	"	" 16	1135
Thomas Williams	"	" 16	1136
James Knox Cullen	"	" 16	1137
Thomas Parry James	"	" 16	1138
William James Knapman	"	" 16	1139
John Edward Leydon	"	" 16	1140
John Pearson	"	" 16	1141
Hugh William Theodore Andrews	"	" 16	1142
George William Anderson	"	" 16	1143
George Joseph Wallace Anderson	"	" 16	1144
David John Doak	"	" 16	1145
Thomas Moore Dynes	"	" 16	1146
Martin Fisher	"	" 16	1147

No. 11.—RETURN of TRACTION and LOCOMOTIVE ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
Percy William Fryer	Locomotive and traction, competency	1904, August 16	1148
Thomas James McEvedy	Ditto	" 16	1149
Henry Gibson McKay	"	" 16	1150
George Alfred Oakley	"	" 16	1151
Thomas Patterson	"	" 16	1152
William James Middleton... ..	"	" 16	1153
John Moffatt	"	" 16	1154
William Clements McCausland	"	" 16	1155
Victor Nicholas Maffey	"	" 16	1156
Samuel John Martyn	"	" 16	1157
James Reid	"	" 16	1158
Joseph Stalker	"	" 16	1159
William James Taylor	"	" 16	1160
Isaac White	"	" 16	1161
Leonard Walter Bushby	"	" 16	1162
Alfred James Hall	"	" 16	1163
Carl Edward Gray	"	" 16	1164
Thomas Henry Jones	"	" 16	1165
William Melville... ..	"	" 16	1166
Albert William Mullenger... ..	"	" 16	1167
Alexander Lind	"	" 16	1168
John James Bardsley	"	" 16	1169
George Butler	"	" 16	1170
Andrew Chapman	"	" 16	1171
George Cherry	"	" 16	1172
John Currie	"	" 16	1173
Robert Kerr Crombie	"	" 16	1174
James Doherty	"	" 16	1175
Andrew Eunson	"	" 16	1176
James Geddes, jun.	"	" 16	1177
Walter Wight Henderson	"	" 16	1178
Robert Mitchell	"	" 16	1179
Andrew James Myhill	"	" 16	1180
William Carson Patterson... ..	"	" 16	1181
John Stewart	"	" 16	1182
Arthur Ernest Styles	"	" 16	1183
Alexander Ferrier	"	" 16	1184
William Millar Nicolson	"	" 16	1185
Edward Ernest Woodley	"	" 16	1186
Joseph Bates	"	" 16	1187
William Fowler Christie	"	" 16	1188
George Gilder	"	" 16	1189
John Duncan Morrison	"	" 16	1190
William Charles McGarrigle	"	" 16	1191
William McPhee... ..	"	" 16	1192
James Service	"	" 16	1193
Herbert Simpson	"	" 16	1194
Robert Southgate	"	" 16	1195
Edward James Wright	"	" 16	1196
Carl Anderson	"	September 19	1197
William Carl Anderson	"	" 19	1198
John Gale	"	" 19	1199
Herbert Henry Schwass	"	" 19	1200
William Moses	"	" 19	1201
William Barker	"	November 11	1202
Hugh McKay	"	" 11	1203
Henry William Gibson	"	" 11	1204
Charles Edge	"	" 11	1205
William George Fraser	"	" 11	1206
James Thomas Gallagher	"	" 11	1207
Alfred George Holland	"	" 11	1208
Hugh Holland	"	" 11	1209
Thomas Hooper	"	" 11	1210
James McCormick	"	" 11	1211
Percy O'Donnell... ..	"	" 11	1212
John Polson	"	" 11	1213
Arthur Albert Shaw	"	" 11	1214

No. 11.—RETURN of TRACTION and LOCOMOTIVE ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
John Henry Sutton	Locomotive and traction, competency	1904. November 11	1215
Peter Vickery	Ditto	" 11	1216
William McArthur Welsh	"	" 11	1217
George William Brogden	"	" 11	1218
James Connor	"	" 11	1219
Albert William Guilford	"	" 11	1320
David Kellahan	"	" 11	1221
Bernard Langer	"	" 11	1222
Charles Elliott Lavers	"	" 11	1223
John Alfred Marshall	"	" 11	1224
Donald McLean	"	" 11	1225
Samuel Creed Prue	"	" 11	1266
Henry Snushall	"	" 11	1227
James Thomas Stewart	"	" 11	1228
Scobie McKay	"	" 11	1229
Frederick Howard	"	" 11	1230
Douglas Glen Stuart	"	" 11	1231
Charles Glasgow	"	" 11	1232
Robert Ross Balloch	"	" 11	1233
William Bird	"	" 11	1234
Albert Edward Clement	"	" 11	1235
John McDonald	"	" 11	1236
Patrick Toal Mallon	"	" 11	1237
Donald Malcolm McLeod	"	" 11	1238
William Reid, jun.	"	" 11	1239
Edward Vitty Barreyatt	"	" 11	1240
Charles O'Neill Armitage Cowan	"	" 11	1241
William John Kirker	"	" 11	1242
William George Pearce	"	" 11	1243
John Patrick Leonard	"	" 11	1244
George Bartlett, jun.	"	" 11	1245
George Currie	"	" 11	1246
William Smith James	"	" 11	1247
Thomas Kean	"	" 11	1248
Jeremiah Mannix	"	" 11	1249
John McBeath	"	" 11	1250
Robert McLeod	"	" 11	1251
Alexander Richardson	"	" 11	1252
William Stewart	"	" 11	1253
William John Taylor	"	" 11	1254
James Wilson, jun.	"	" 11	1255
Jesse Charles Nicholls	"	" 11	1256
William Brown	"	" 11	1257
Eshton Nutter	"	December 30	1259
James William Sunderland	"	" 30	1260
John Forrester	"	" 30	1261
Alexander Smith	"	" 30	1262
Herbert Buckrell	"	" 30	1263
		1905.	
Frederick John Thurston	"	January 25	1264
Charles Herbert Clayden	"	" 25	1265
Rudolph Lysaght Wigley	"	" 25	1266
Daniel Cosgrove	"	February 8	1267
Thomas Edward Simms	"	" 8	1268
James Albyn Newrick	"	" 8	1269
John McNab	"	" 8	1270
Lewis Gelardie	"	" 8	1271
William Philp	"	" 8	1272
Walter James Shepherd	"	" 8	1273
William Spencer Nairn	"	" 8	1274
Walter Hugh Rudkin	"	" 8	1275
Robert John Anderson	"	" 8	1276
Christopher Bailey	"	" 8	1277
Donald Campbell	"	" 8	1278
Charles Henry Crawford	"	" 8	1279
Frank Greaves	"	" 8	1280
Robert Hampton	"	" 8	1281
Frederick William Hilgendorf	"	" 8	1282

No. 11.—RETURN of TRACTION and LOCOMOTIVE ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
Robert Neale	Locomotive and traction, competency	1905. February	8 1283
Henry William Peryman	Ditto	"	8 1284
Andrew Carr Shore	"	"	8 1285
Albert Henry Tyler	"	"	8 1286
Charles Albert Tyler	"	"	8 1287
William Bradshaw	"	"	8 1288
Alexander Reid Jack	"	"	8 1289
Alexander Ledingham	"	"	8 1290
John McLeish Maxwell	"	"	8 1291
John Henry Steadman	"	"	8 1292
James Walker	"	"	8 1293
George Edwin Brown	"	"	8 1294
David Ross Balloch	"	"	8 1295
Thomas Burke	"	"	8 1296
David Craig	"	"	8 1297
William Gutschlag	"	"	8 1298
William Barr Reid	"	"	8 1299
William John Taylor	"	"	8 1300
George Tasman Dawson	"	"	8 1301
Lambert Emanuel Berggren	"	1904. December	30 1302
Benjamin Alfred Brothers	"	1905. March	13 1303
Edward Francis McCaffery	"	"	13 1304
Frederick James Paltridge	"	"	13 1305
Charles O'Connor Haddo Gordon	"	"	13 1306
Samuel Campbell	"	"	13 1307
John Owen Harold Broom	"	"	13 1308
Claude Harry Richardson	"	"	13 1309
William John McGonigal	"	"	13 1310
James Mathieson	"	"	13 1311
Sidney Frank Waite	"	"	13 1312

No. 12.—RETURN of FIRST-CLASS STATIONARY-ENGINE DRIVERS to whom CERTIFICATES of SERVICE have been granted from the 1st April, 1904, to the 31st March, 1905.

Name of Person.	Class of Certificate.	Date of Issue.	No.
Thomas Burk	First-class stationary, service	1904. May	13 1621
William Turner	Ditto	July	8 1622
John William Dower	"	"	8 1623
Edward Toy	"	"	8 1624
William Stewart Hennah	"	August	16 1625
Peter Davison	"	"	16 1626
Charles Mancy	"	September	19 1627
Cornelius John Dixsan	"	November	11 1628
George Henry Garrett	"	December	30 1629
James Henry Heath	"	"	30 1630
Adam Nixon	"	"	30 1631
James Purdie	"	1905. January	25 1632
James Dunstan	"	"	25 1633
Thomas McAuley	"	"	25 1634
Henry Beckett	"	February	8 1635
William Henry Spence	"	March	13 1636

No. 13.—RETURN of EXTRA FIRST-CLASS STATIONARY-ENGINE DRIVERS to whom CERTIFICATES of COMPETENCY have been granted from the 1st April, 1904, to the 31st March, 1905.

Name of Person.	Class of Certificate.	Date of Issue.	No.
		1904.	
George Robertson Croll	Extra first-class, stationary	May 13	26
Alfred Horace Hodge	" "	August 16	27
Llewellyn George James	" "	" 16	28
John Miller	" "	" 16	29
George Bodley	" "	September 19	30

No. 14.—RETURN of FIRST-CLASS STATIONARY-ENGINE DRIVERS to whom CERTIFICATES of COMPETENCY have been granted from the 1st April, 1904, to the 31st March, 1905.

Name of Person.	Class of Certificate.	Date of Issue.	No.
		1904.	
William Tweeddale	First-class, stationary competency	May 13	491
Herbert George Grant	Ditto	" 13	492
Robert Gray	"	" 13	493
James Thomas Lewis	"	" 13	494
Ernest Edward Low	"	" 13	495
Albert Ernest Windle	"	" 13	496
Alexander Brown Couper	"	" 13	497
William Sydney Hall	"	" 13	498
Robert Kelly	"	" 13	499
Hugh Christmas	"	" 13	500
John Hunter	"	" 13	501
Charles Bruce Mercer	"	" 13	502
William Shaw McCallum	"	" 13	503
David Miller Pettigrew	"	" 13	504
William Daniel Randle	"	" 13	505
James Arthur Shirley	"	" 13	506
William Joseph Brain	"	" 13	507
William Gibson Young	"	" 13	508
John Grant	"	" 13	509
George Munroe	"	" 13	510
Arthur Percival Sims Spencer	"	" 13	511
James Wright Murray	"	" 13	512
James McErlean	"	" 13	513
James Mackay	"	" 13	514
Andrew Sandilands	"	" 13	515
Benjamin Alexander Johnson	"	July 8	516
John Thomas Copperwaite	"	" 8	517
Robert Robertson	"	" 8	518
Edward Robinson Smith	"	" 8	519
Peter James McMahon	"	" 8	520
Edward Crow	"	" 8	521
John Patrick Burley	"	" 8	522
George William Ericson	"	" 8	523
James Gilbert Nicholl	"	" 8	524
Thomas Francis Turner	"	" 8	525
Edwin Browne	"	" 8	526
Archibald Arrol Stewart	"	" 8	527
Frederick Clarke McCabe	"	" 8	528
Thomas Dee	"	" 8	529
John Adamson Falconer	"	" 8	530
Frank Ball	"	" 8	531
John Joyce	"	" 8	532
Theophilus Percival Hewitt	"	August 16	533
William Holborn Watts	"	" 16	534
James Campbell	"	" 16	535
Arthur Mellor	"	" 16	536
William John Vernon	"	" 16	537
John Francis Ryan	"	" 16	538
Walter Lees Brown	"	" 16	539
Alexander Bowie Farmer	"	" 16	540
Charles Mackintosh Hill	"	" 16	541

No. 14.—RETURN OF FIRST-CLASS STATIONARY-ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
Septimus Munro Collett	First-class stationary, competency	1904 August 16	542
John Nix	Ditto	" 16	543
Henry Carpenter	"	" 16	544
Percival Arthur Le Marquand	"	" 16	545
Robert Earl Lindsay	"	" 16	546
Henry Ernest Maindonald	"	" 16	547
James Pearce	"	" 16	548
David West	"	" 16	549
James Fitzgerald	"	" 16	550
Robert Massey	"	" 16	551
John Murray	"	" 16	552
William Murray	"	" 16	553
William Goldsmith Tyson... ..	"	" 16	554
William Butler Ball	"	" 16	555
John Irvine	"	" 16	556
Walter Hughes Judd	"	" 16	557
Harry Levick	"	" 16	558
Frederick Albert Oddie	"	" 16	559
Thomas Russell	"	" 16	560
John Thomas Adams	"	" 16	561
James Brunton	"	" 16	562
Frederick Alphonsus Cannon	"	" 16	563
David Alexander Craig	"	" 16	564
Samuel de Beer	"	" 16	565
Charles Dickson	"	" 16	566
David Findlay	"	" 16	567
John Hulme Hart	"	" 16	568
Frederick Palmer	"	" 16	569
Ernest Reginald Sprague	"	" 16	570
John Bone	"	" 16	571
Michael James Collins	"	" 16	572
John Harvey	"	" 22	573
Arthur Woodward	"	September 19	574
Charles John Hall	"	" 19	575
John Thomas Ward	"	" 19	576
Frank Septimus Marchant	"	" 19	577
Jack Askew Hughes	"	November 11	578
William McDowell	"	" 11	579
James Charles Williams	"	" 11	580
Charles Bailey	"	" 11	581
David Baird	"	" 11	582
James Turnock Bennett	"	" 11	583
John Ingram	"	" 11	584
William Harrison Bell	"	" 11	585
Henry Alexander Luke	"	" 11	586
Harold Vernon Wylie	"	" 11	587
Cecil Nicholson Willis	"	" 11	588
Caleb James Morris	"	" 11	589
Adam Blair	"	" 11	590
Sydney Hewetson	"	" 11	591
Charles James McPherson	"	" 11	592
Adam Blair, jun.	"	" 11	593
Donald John McDonald	"	" 11	594
Charles Otway Langham	"	" 11	595
William Bishell	"	" 11	596
John Edward Leydon	"	" 11	597
William Bond	"	" 11	598
Walter Excell	"	" 11	599
William George McDonald	"	" 11	600
Thomas Thompson	"	" 11	601
Nathanael Todd	"	" 11	602
Robert Wright	"	" 11	603
Ernest John Bridgman	"	" 11	604
George Livingstone Horne	"	" 11	605
Bendix Hallenstein Kerr	"	" 11	606
Charles Ernest Richardson	"	" 11	607
John Pearce Luke, jun.	"	" 11	608

No. 14.—RETURN OF FIRST-CLASS STATIONARY-ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
John Owen Harold Broom	First-class stationary com- petency	1904. November 11	609
John Hollow Coad	Ditto	" 11	610
Michael William Coventry	"	" 11	611
Charles Joseph Morgan	"	" 11	612
Herbert Reynolds	"	" 11	613
John Taylor	"	" 11	614
Charles Nicholas Robert Couch	"	" 11	615
Herbert Andrew Lewis	"	" 11	616
Edward de Jersey	"	" 11	617
William Bruce	"	" 11	618
Frederick Ernest Stewart	"	" 11	619
William Henry Hook	"	December 30	620
Matthew Joseph McGrath	"	" 30	621
William John Atherton	"	" 30	622
Alfred Nathaniel Coleman	"	" 30	623
William Edward Nickols Gorrie	"	" 30	624
Henry David Butler	"	" 30	625
Herbert Gibbie	"	" 30	626
Murdock McDonald	"	" 30	627
Lewis Howard Currin	"	" 30	628
		1905.	
James Berry Stevenson	"	January 25	629
James Murray	"	" 25	630
Arthur Richard Gillespie	"	February 8	631
Arthur McEwan Sherriff	"	" 8	632
Thomas Richard Jones	"	" 8	633
William Louis Schroeder	"	" 8	634
John Crawford	"	" 8	635
Alexander McMaster	"	" 8	636
Charles Broadley	"	" 8	638
William Bain	"	" 8	639
Edward George Dale	"	" 8	640
David Calder Groves	"	" 8	641
Andrew John Mouat	"	" 8	642
William Henry Stewart	"	" 8	643
William Edward Gunn	"	" 8	644
Thomas Joseph Boyle	"	" 8	645
John Currie	"	" 8	646
William Nicholson	"	" 8	647
Robert Mahony	"	" 8	648
Lewis Emanuel Cassrels	"	March 13	649
William Templeton Gilmour	"	" 13	650
Sidney Haig	"	" 13	651
David Hay Kirkwood Jones	"	" 13	652
Norman George Shailer	"	" 13	653
Edward Sherrock	"	" 13	654
John Mollison Stewart, jun.	"	" 13	655
William Webb	"	" 13	656
Alexander Fraser Foster	"	" 13	657
Horatio Nelson Scroggs	"	" 13	658
Ernest St. George Tucker	"	" 13	659
James Scott	"	" 13	660
William Muir	"	" 13	661
Thomas Henry Hammond	"	" 13	662
William James Barclay	"	" 13	663
James McFarland Alexander	"	" 13	664
William Lawrence Macpherson	"	" 13	665
George Ernest Holroyde	"	" 13	666
Harold George Cayley Robinson	"	" 31	667
Samuel Hedley	"	" 31	668
William Prescott Sly	"	" 31	669
Bruce Douglas Cameron	"	" 31	670

No 15.—RETURN of SECOND-CLASS STATIONARY-ENGINE DRIVERS to whom CERTIFICATES of COMPETENCY have been granted from the 1st April, 1904, to the 31st March, 1905.

Name of Person.	Class of Certificate.	Date of Issue.	No.
William Denham	Second - class stationary, competency	1904. May 13	1355
Alfred Climo	Ditto	" 13	1356
Edward Griffiths	"	" 13	1357
Henry Edward Whitfield	"	" 13	1358
George William Anderson	"	" 13	1359
John Robb	"	" 13	1360
John O'Neill	"	" 13	1361
Alexander Cullen	"	" 13	1362
Benjamin Heap	"	" 13	1363
Alfred Halliday	"	" 13	1364
Swend August Nelson	"	" 13	1365
John Thomas Mann	"	" 13	1366
William Henry Munn	"	" 13	1367
George Newton Wilson	"	" 13	1368
Alexander Ross	"	" 13	1369
James Roebuck	"	" 13	1370
John William Breadbury	"	" 13	1371
Andrew Walker	"	" 13	1372
Charles Edward Goodyer	"	" 13	1373
James Dann Bellamy	"	" 13	1374
Arthur Thompson	"	" 13	1375
Alfred Edward Bunn	"	" 13	1376
Abraham Hadley	"	" 13	1377
William Heaver	"	" 13	1378
Angus John Stewart Matheson	"	" 13	1379
William Owen Strangward Nicolls	"	" 13	1380
Reuben Harris	"	" 13	1381
Frank Ernest Parker	"	" 13	1382
Frank Joseph McDonald	"	" 13	1383
Thomas Cuddie Brash	"	" 13	1384
Guybon John Chambers	"	" 13	1385
Gideon Anderson	"	" 13	1386
Ernest Edwin Ayson	"	" 13	1387
George William Crawford	"	" 13	1388
John Currie	"	" 13	1389
Cleaton Griffith Davies	"	" 13	1390
William Donaldson	"	" 13	1391
Jeremiah Joseph Flynn	"	" 13	1392
Charles Holden, jun.	"	" 13	1393
John Horsburgh	"	" 13	1394
Alfred Reginald Lambert	"	" 13	1395
John Mackay	"	" 13	1396
Frederick Myers	"	" 13	1397
William Irvine McDonald	"	" 13	1398
William James Orr	"	" 13	1399
Maxwell McNaught Shore	"	" 13	1400
John Slater	"	" 13	1401
William Warren	"	" 13	1402
William James Weir	"	" 13	1403
David Yeoman	"	" 13	1404
Albert Vivian Ensor	"	" 13	1405
Sydney Godfrey	"	" 13	1406
Harry Hillier	"	" 13	1407
Edward Brown	"	" 13	1408
Thomas Gordon Tizard	"	" 13	1409
John Bellaney	"	" 13	1410
William Bird	"	" 13	1411
Samuel Bishop	"	" 13	1412
Charles James Brown	"	" 13	1413
Robert Currie	"	" 13	1414
William Alexander Dawson	"	" 13	1415
David Elder	"	" 13	1416
Patrick Fleming	"	" 13	1417
Samuel Henry Hardman	"	" 13	1418
David Frederick Hill	"	" 13	1419
William Kidd	"	" 13	1420

No. 15.—RETURN of SECOND-CLASS STATIONARY-ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
James Kirkland	Second - class stationary, competency	1904. May 13	1421
William Henry Lamb	Ditto	" 13	1422
Ernest Lister	"	" 13	1423
Edward Marshall	"	" 13	1424
George Burnett Matheson	"	" 13	1425
Robert McDonald	"	" 13	1426
William McDonald	"	" 13	1427
Thomas O'Brien	"	" 13	1428
John O'Shaughnessy	"	" 13	1429
George Stewart Templeton	"	" 13	1430
Charles Vial	"	" 13	1431
George Robert Walton	"	" 13	1432
John Henry Williams	"	" 13	1433
Charles Armitage O'Neill Cowan	"	" 13	1434
Duncan MacGregor	"	July 8	1435
William Clarke Haynes	"	" 8	1438
William Leslie Rutherford	"	" 8	1439
Benjamin Sutherland	"	" 8	1440
James Alexander Campbell	"	" 8	1441
Henry Timothy Heath	"	" 8	1442
Thomas Edward McMahon	"	" 8	1443
George Benzie Matheson	"	" 8	1444
Thomas Kiely	"	" 8	1445
Frederick James Wyeth	"	" 8	1446
Ernest William Gardiner	"	" 8	1447
Frank McLaughlin	"	" 8	1448
Albert Simpson	"	" 8	1449
Christopher Souness	"	" 8	1450
Aksel Martin Andersen	"	" 8	1451
Jeremiah Anderson	"	" 8	1452
Carl August Blank	"	" 8	1453
John Thomas Clark	"	" 8	1454
George Hill	"	" 8	1455
Richard James Hoffmann	"	" 8	1456
Alexander James King	"	" 8	1457
Charles Mountford Lindop	"	" 8	1458
Herbert Bowen Millington	"	" 8	1459
Daniel Patrick McDonnell	"	" 8	1460
Roderick William McKenzie	"	" 8	1461
John McLean	"	" 8	1462
Edward Olsen	"	" 8	1463
Thomas Albert Rundle	"	" 8	1464
David Lyall Shand	"	" 8	1465
Harry Yeadon	"	" 8	1466
Louis Barrowman	"	" 8	1467
George Quigley	"	" 8	1468
Daniel Tyson Satterthwaite	"	" 8	1469
Emil Johnsen	"	" 8	1470
Cornelius Joseph Daly	"	" 8	1471
Thomas Bertie Baty	"	" 8	1472
Matthew Michael Twoomey	"	" 8	1473
Robert Seawright	"	" 8	1474
Frank Chardon	"	" 8	1475
John Oliver	"	" 8	1476
George Thomas Estall	"	August 16	1477
Arthur Gordon Grant	"	" 16	1478
William Solly	"	" 16	1479
Francis George Painter	"	" 16	1480
William John Stacey Layton	"	" 16	1481
Richard Pollard	"	" 16	1482
George Norman Mackie	"	" 16	1483
Garnet Bruce Mackie	"	" 16	1484
James Aim	"	" 16	1485
George Henry Atwood	"	" 16	1486
Horace Walsh Bell	"	" 16	1487
Hugh Christopher Eli Billington	"	" 16	1488
James Bonner	"	" 16	1489

No. 15.—RETURN OF SECOND-CLASS STATIONARY-ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
Thomas Bowling...	Second - class stationary, competency	1904. August 16	1490
Andrew Mitchell Campbell	Ditto	" 16	1491
Frederick Gray	"	" 16	1492
William King	"	" 16	1493
John Henry Liggins	"	" 16	1494
Charles Archibald Murray	"	" 16	1495
Thomas Graham Scott	"	" 16	1496
George Matthias Sharp	"	" 16	1497.
Walter Treagus	"	" 16	1498
Robert Bunn	"	" 16	1499
Gilbert Carr	"	" 16	1500
James William Glass	"	" 16	1501
Walter Howie Thomson	"	" 16	1502
William Leslie Adams	"	" 16	1503
Ernest Beatson	"	" 16	1504
Julius Christopher Boldt	"	" 16	1505
James Crawford	"	" 16	1506
Louis Davenport...	"	" 16	1507
Robert Gordon Diack	"	" 16	1508
Stuart Melville Englefield...	"	" 16	1509
John Chalmers Innes	"	" 16	1510
William Richard Menhennet	"	" 16	1511
Robert Brown Pierce	"	" 16	1512
Daniel Mackie	"	" 16	1513
William Harold Cochrane	"	" 16	1514
Arthur Henry Goodin	"	" 16	1515
Frank Parsons	"	" 16	1516
Allen Weir	"	" 16	1517
John Buchanan	"	" 16	1518
Alfred William Elliott	"	" 16	1519
William John Pierce	"	" 16	1520
John Williams	"	" 16	1521
Samuel Christmas	"	" 16	1522
Isaac Howarth Kirk	"	" 16	1523
Edward George Langham	"	" 16	1524
Adam Scott Mitchell	"	" 16	1525
Joseph Taylor	"	" 16	1526
Henry Higgs	"	" 16	1527
Alfred Stephen Amy	"	" 16	1528
James Morley Bell	"	" 16	1529
James Boyer Brown, jun.	"	" 16	1530
Arthur Edwin Fallwell	"	" 16	1531
Joseph Ford	"	" 16	1532
Francis John Johnston	"	" 16	1533
John Henry Jones	"	" 16	1534
John Walter Mason	"	" 16	1535
John Callum Hugh McDonald	"	" 16	1536
Paerikiriki Otene	"	" 16	1537
William Parkes	"	" 16	1538
Charles William Partington	"	" 16	1539
Daniel Joseph Scally	"	" 16	1540
George Teesdale, jun.	"	" 16	1541
Harry William Thomas	"	" 16	1542
George West	"	" 16	1543
Herbert William Pearce	"	" 16	1544
James Malcolm Barclay	"	" 16	1545
James Brash	"	" 16	1546
Bain Challis	"	" 16	1547
William Crighton	"	" 16	1548
Alexander Dickson	"	" 16	1549
David Henry Gillanders	"	" 16	1550
John Edmund Kelly	"	" 16	1551
Duncan McRae	"	" 16	1552
Malmora O'Reilly	"	" 16	1553
Arthur Douglas Percy Pearce	"	" 16	1554
Alexander Ramsay	"	" 16	1555
Robert Rhind	"	" 16	1556

No. 15.—RETURN of SECOND-CLASS STATIONARY-ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
John Tremlett Simpson	Second - class stationary, competency	1904. August 16	1557
Edward James Tanner	Ditto	" 16	1558
Samuel Welham	"	" 16	1559
Robert Winning	"	" 16	1560
George Wishart	"	" 16	1561
Walter Bigwood	"	" 16	1562
Arthur Gordon Thomson	"	" 16	1563
William Henry Bricknell	"	" 16	1564
James Aitken	"	" 16	1565
John Cheyne	"	" 16	1566
John Hand	"	" 16	1567
Carl Alfred Lind	"	" 16	1568
Charles Thomas Munro	"	" 16	1569
Alexander Murray	"	" 16	1570
William Mather Ovens	"	" 16	1571
Alfred Roy	"	" 16	1572
Alexander Williams	"	" 16	1573
William Thomas Clout	"	" 22	1574
Thomas Downs	"	" 22	1575
Eustace O'Carroll	"	" 22	1576
George Britt	"	September 19	1577
Henry John Anthony	"	" 19	1578
Arthur Wyndham Beere	"	" 19	1579
John McLennan	"	" 19	1580
Charles Henry Robertson	"	" 19	1581
Robert George Buchanan	"	" 24	1582
Robert Hay Nimmo	"	November 11	1583
Thomas Henry Webb	"	" 11	1584
William Lang	"	" 11	1585
John Nesbit	"	" 11	1586
David Henry Renton	"	" 11	1587
Edward Patrick O'Reilly	"	" 11	1588
Albert Edward Blandford	"	" 11	1589
Thomas Benjamin Revell	"	" 11	1590
Walter Carl Franz Martin Booth	"	" 11	1591
William George Anderson	"	" 11	1592
John Philip Fix	"	" 11	1593
Arthur Richard Gillespie	"	" 11	1594
James Thomas Harris	"	" 11	1595
Robert Henry Jones	"	" 11	1596
Robert McFetridge	"	" 11	1597
Sydney Trim	"	" 11	1598
Harry French Ashcroft	"	" 11	1599
Dominick John Lee	"	" 11	1600
Joseph Ryan	"	" 11	1601
Richard Stott	"	" 11	1602
William Whitely	"	" 11	1603
Joseph Coombes	"	" 11	1604
Clarke Campbell	"	" 11	1605
John Thomas Curtin	"	" 11	1606
William Knox Glen	"	" 11	1607
William Simonsen	"	" 11	1608
Alfred May Bannan	"	" 11	1609
Robert Storm	"	" 11	1610
Patrick Skinnon	"	" 11	1611
Peter Hansen	"	" 11	1612
Robert Watson	"	" 11	1613
George Lionel Feary	"	" 11	1614
John Gabriel Lawson	"	" 11	1615
William Oswald Price	"	" 11	1616
David Holland Thomas	"	" 11	1617
Charles Henry King	"	" 11	1618
James Wilson Burns	"	" 11	1619
William Colston Dixon	"	" 11	1620
Michael Sullivan	"	" 11	1621
William Trott	"	" 11	1622
Arthur Wagstaff	"	" 11	1623

No. 15.—RETURN OF SECOND-CLASS STATIONARY-ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
Henry George Bailey	Second - class stationary, competency	1904. November 11	1624
George Alfred John Clifford	Ditto	" 11	1625
Charles Cooper	"	" 11	1626
Charles Edward Collins Morgan	"	" 11	1627
Frederick Workman	"	" 11	1628
Walter Clement Guy Green	"	" 11	1629
Robert Thomas Souness	"	" 11	1630
William Sutherland MacLeod	"	" 11	1631
Henry James Berry	"	" 11	1632
Phillip Carvel Brew	"	" 11	1633
Owen Evans	"	" 11	1635
Handy Sutton	"	" 11	1636
Henry William Thompson	"	" 11	1637
Alexander Waugh	"	" 11	1638
John Davey	"	" 11	1639
Richard Henry Alford	"	" 11	1640
William Blackmun	"	" 11	1641
George Gilbert Body	"	" 11	1642
Charles Sturt Gilbert Boulton	"	" 11	1643
Hubert Ferns	"	" 11	1644
William James Fraser	"	" 11	1645
John Herrick	"	" 11	1646
Edward James Humphries	"	" 11	1647
Charles Wootton Lindley	"	" 11	1648
George Urban Lindley	"	" 11	1649
John Logan	"	" 11	1650
John Muirhead	"	" 11	1651
Henry Cook McKay	"	" 11	1652
James McPherson	"	" 11	1653
Edgar Stuart	"	" 11	1654
William Stuart	"	" 11	1655
Thomas Terry Todd	"	" 11	1656
Daniel Watson	"	" 11	1657
James Kennedy Wood	"	" 11	1658
John Mulligan	"	" 11	1659
Henry Nuttall	"	" 11	1660
Allan Pugh	"	" 11	1661
John Joseph Malone	"	" 11	1662
Joseph Austen	"	" 11	1663
Alexander Walter Bird	"	" 11	1664
Joseph Cobine	"	" 11	1665
Ernest George Beesley	"	" 11	1666
William Davidson	"	" 11	1667
John Foster	"	" 11	1668
Walter Henry Jury	"	" 11	1669
Frederick Ernest Margetts	"	" 11	1670
James Martin	"	" 11	1671
Matthew Patterson	"	" 11	1672
Peter Pearson	"	" 11	1673
Alfred Benjamin Perrin	"	" 11	1674
Duncan Ross	"	" 11	1675
Walter Score Sanders	"	" 11	1676
James Walker	"	" 11	1677
James Waugh	"	" 11	1678
Edward Charles Wilson	"	" 11	1679
Albert Eady	"	" 11	1680
Francis Stephen Gordon	"	" 11	1681
William Fleming Kennedy	"	" 11	1682
William James Lawson	"	" 11	1683
John Mulvenna	"	" 11	1684
William McBryde	"	" 11	1685
John McKenzie	"	" 11	1686
Thomas McNab	"	" 11	1687
Charles Ovens	"	" 11	1688
John Furneaux Smith	"	" 11	1689
James David Steele	"	" 11	1690
William Henry Stewart	"	" 11	1691

No. 15.—RETURN of SECOND-CLASS STATIONARY-ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.	No.
Feodor Werner	Second-class stationary, com- petency	1904. November 11	1692
William Henry Murdock	Ditto	" 11	1693
John Marcus Southgate	"	" 11	1694
John McNeil	"	December 30	1695
Robert White	"	" 30	1696
George Henry Watson	"	" 30	1697
Wilfred Ramsden	"	" 30	1698
Donald Malcolm McIntosh	"	" 30	1699
John Robert Kirby	"	" 30	1700
John Wright	"	" 30	1701
Charles Frederick Green	"	1905. January 25	1702
William Curtis Martin	"	" 25	1703
Thomas Ashcroft	"	" 25	1704
Henry Godfrey	"	" 25	1705
William Owen Maloney	"	" 25	1706
John Harold Warren	"	" 25	1707
Arthur de Somrie Pownall	"	" 25	1708
Gilbert Matthew Gardner	"	February 8	1709
Francis Herbert Hooper	"	" 8	1710
James Charles Parke Kirkwood	"	" 8	1711
Frank McCurdy	"	" 8	1712
David McWilliams	"	" 8	1713
John Rochelle	"	" 8	1714
Horatio Nelson Scroggs	"	" 8	1715
William Prolongeau	"	" 8	1716
William John Bullick	"	" 8	1717
Alexander Donald McKenzie	"	" 8	1718
George Alexander Middleton	"	" 8	1719
Richard Briggs	"	" 8	1720
Walter Richard Climo	"	" 8	1721
William John Foster	"	" 8	1722
George Augustus Maunsell	"	" 8	1723
William Poole	"	" 8	1724
Thomas Evan Looney	"	" 8	1725
Wilfrid Lawson Gray	"	" 8	1726
Hugh McAllen	"	" 8	1727
Anthony Pearson	"	" 8	1728
Albert Edward Turner	"	" 8	1729
Charles Woodward	"	" 8	1730
Charles Reid Crawford	"	" 8	1731
John Driver	"	" 8	1732
Edwin Gordon Malcolm Foord	"	" 8	1733
James Holden	"	" 8	1734
Harry Thomas Jacobs	"	" 8	1735
Edward Joyce	"	" 8	1736
John McKechnie	"	" 8	1737
James McKessar... ..	"	" 8	1738
Edmund Leo Purton	"	" 8	1739
Charles Hugh Roxburgh	"	" 8	1740
Claude Weddell	"	" 8	1741
Samuel Wilson	"	" 8	1742
Ralph Robert Wrightson	"	" 8	1743
Thomas Francis Garrigan	"	" 8	1744
Sydney John Clive	"	" 8	1745
John Christie	"	" 8	1746
John Cooper	"	" 8	1747
Herbert Montague Haywood	"	" 8	1748
Robert McCord	"	" 8	1749
Robert Parfitt Neale	"	" 8	1750
George Frederick Perkins	"	" 8	1751
Roland Henry Wood	"	" 8	1752
Frederick James Hutton	"	" 8	1753
John Carless	"	March 13	1754
Joseph Gallagher	"	" 13	1755
Charles Henry Hargreaves	"	" 13	1756
Thomas Hellier	"	" 13	1757

No. 15.—RETURN of SECOND-CLASS STATIONARY-ENGINE DRIVERS—*continued.*

Name of Person.	Class of Certificate.	Date of Issue.		No.
		1905.		
Robert Nimmo	Second - class stationary, competency	March	13	1758
David Mackenzie	Ditto	"	13	1759
Judah Rangitanriro Osborne	"	"	13	1760
Walter Shead	"	"	13	1761
John Charles Shirley	"	"	13	1762
James Beattie Whisker	"	"	13	1763
Charles White	"	"	13	1764
Benjamin Lee	"	"	13	1765
Thomas Watson	"	"	13	1766
Adrian Henry Hawkes	"	"	13	1767
William Whittle Tizard	"	"	13	1768
Frederick Scott	"	"	13	1769
George Charles Wrightson	"	"	13	1770
James Richards	"	"	13	1771
James Alexander Hanning	"	"	13	1772
William Reid	"	"	13	1773
John Albert Symons	"	"	13	1774
James Alexander Thomson	"	"	13	1775
James McVey	"	"	13	1776
Joseph Augustine McGinnis	"	"	13	1777
Arthur Larson	"	"	13	1778
William Treleaven	"	"	13	1779
John King	"	"	13	1780
Patrick Francis Nieper	"	"	13	1781
George Waugh Telford Campbell	"	"	13	1782
Johan Wilhellem Bodenhausen	"	"	13	1783
Hans Olsen	"	"	13	1784
Ernest Wright	"	"	13	1785
Otto Wiechern	"	"	13	1786
Albert Orr	"	"	13	1787
Donald Dick Elder	"	"	13	1788
William Vincent Beaufort	"	"	13	1789
Philip William Orr	"	"	13	1790
John Patrick O'Brien	"	"	13	1791
Matthew Harliwich	"	"	13	1792
Malcolm John Clarke	"	"	13	1793
James Miller	"	"	13	1794
William McAuslin	"	"	13	1795
Daniel William Joseph O'Connell	"	"	13	1796
William James Hudson	"	"	31	1797
Forrester Thomson	"	"	31	1798
James Anderson	"	"	31	1799
Edward Irvine McHattie	"	"	31	1800
Michael McCarthy	"	"	31	1801

No. 16.—RETURN of ENGINEERS who were examined for CERTIFICATES of COMPETENCY during the Year ended the 31st March, 1905.

Name of Person.	Rank.	Class for which examined.	Date of Examination.
Robert Beveridge	First-class Engineer	Foreign trade	3, 4, 5 October, 1904
Kenneth Murdo Finlayson	"	"	1, 2, 3 Feb., 1905
Charles Naismith	"	"	3, 4, 5, 6 Oct., 1904
Frank Leonard Peterson	"	"	7, 8, 9 June, "
Kenneth Sinclair	"	"	1, 5, 6 Dec., "
John William Townsend	"	"	18, 20, 23 May, "
Thomas James Atchison	Second-class Engineer	"	1, 2 June, "
Harry Francis Blackie	"	"	1, 2 March, 1905
Arthur Charles Carman	"	"	6, 7 April, 1904
Robert Andrew Gibson	"	"	6, 7 June, "
Henry Joseph Kelly	"	"	5, 6, 15 Dec., "
Robert Yorke Neville	"	"	27, 28 January, 1905
Herman Nielson	"	"	2, 3 October, 1904
Walter Stanley Rentoul	"	"	21, 22 Dec., "

No. 16.—RETURN of ENGINEERS who were examined for CERTIFICATES of COMPETENCY—*contd.*

Name of Person.	Rank.	Class for which examined.	Date of Examination.
Martin Atridge Scott ...	Second-class engineer	Foreign trade	6, 7 June, 1904
Montague Charles Alexander ...	Third-class engineer	"	6 March, 1905
Albert Edward Allen ...	"	"	9 August, 1904
James Anderson ...	"	"	5 December, "
William Harrison Bell ...	"	"	11 May, "
George Bodley ...	"	"	3 October, "
John Frederick Bowler ...	"	"	13 April, "
Charles Gustave Bowley ...	"	"	1 June, "
Charles Broadley ...	"	"	1 February, 1905
Norvle Butler Brown ...	"	"	23 August, 1904
Walter Lees Brown ...	"	"	3 October, "
Henry David Butler ...	"	"	2 August, "
Frederick Alphonsus Cannon ...	"	"	9 " "
Harold Robert Carey ...	"	"	1 September, "
Charles Frederick Chandler ...	"	"	2 March, 1905
Francis Percival Clark ...	"	"	22 July, 1904
Ernest Alfred Coombs ...	"	"	5 September, "
Charles Dickson ...	"	"	22 April, "
Michael Francis Enright ...	"	"	11 November, "
George Robert Falla ...	"	"	20 December, "
Ernest Alfred Fildes ...	"	"	27 February, 1905
James Henry Fuller ...	"	"	1 September, 1904
William Gillanders ...	"	"	6 August, "
Arthur Richard Gillespie ...	"	"	1 February, 1905
Josephus Francis Hargreaves ...	"	"	27 September, 1904
William Thomas Henry ...	"	"	31 October, "
Henry Paxton Hewson ...	"	"	3 " "
Charles Mackintosh Hill ...	"	"	3 " "
Edward Hitchcock ...	"	"	2 June, "
Jack Askew Hughes ...	"	"	4 October, "
John Hunter ...	"	"	2 August, "
John Joyce ...	"	"	4 July, "
Roland Kershaw... ..	"	"	4 " "
Joseph King ...	"	"	5 October, "
Maurice Albert Ladley ...	"	"	2 June, "
Alexander Mollison Lindsay ...	"	"	28 July, "
Rupert Linneman ...	"	"	25 June, "
John Patrick Logan ...	"	"	1 September, "
Albert Frederick Loveday ...	"	"	1 February, 1905
Ernest Edward Low ...	"	"	26 October, 1904
William Robert Marshall ...	"	"	5 December, "
John Singleton Melville ...	"	"	7 April, "
William Walter Macfarlane ...	"	"	3 February, 1905
Angus Charles McInnes ...	"	"	1 " "
Thomas McKenna ...	"	"	3 October, 1904
James McLean ...	"	"	2 August, "
Norman William Naylor ...	"	"	4 July, "
John Arthur Owen ...	"	"	2 August, "
Frederick Palmer ...	"	"	8 November, "
James Alexander Paterson ...	"	"	21 September, "
Cameron Abercrombie Pearson ...	"	"	23 January, 1905
John Chalmers Reid ...	"	"	10 June, 1904
Herbert Reynolds ...	"	"	1, 2 November, "
William Davies Richards ...	"	"	16 May, "
James Alexander Robertson ...	"	"	27 September, "
John Rutherford... ..	"	"	2 August, "
John Ryan ...	"	"	10 February, 1905
Norman George Shailer ...	"	"	6 January, "
Leslie Allan Sharpe ...	"	"	6 March, "
James Henry Simpson ...	"	"	27 " "
George William Skitch ...	"	"	2 August, 1904
Percy Leonard Smith ...	"	"	" " "
Thomas Benjamin Blenkinsop Swinburne	"	"	23 November, "
Robert Joseph Todd ...	"	"	2 August, "
Francis Wyron Vickerman ...	"	"	3 October, "
Henry Lawson Walker ...	"	"	5 January, 1905
Percy John Gibson Ward ...	"	"	3 October, 1904
William Patrick Whyte ...	"	"	6 January, 1905
James Charles Williams ...	"	"	3 October, 1904
Frederick Wolff ...	"	"	1 June, "

[No. 16.—RETURN of ENGINEERS who were examined for CERTIFICATES of COMPETENCY—*contd.*]

Name of Person.	Rank.	Class for which examined.	Date of Examination.
Robert James Breingan ...	River Engineer	River trade	2 August, 1904
Claude Ernest Burgess ...	"	"	7 December, "
Edward Ross Campbell ...	"	"	3 May, "
William Charles ...	"	"	2 August, "
John Joseph Dromgool ...	"	"	3 May, "
Frederick Francis Eastgate ...	"	"	5 December "
Henry James Fletcher ...	"	"	3 May, "
Ernest Hewstone ...	"	"	4 July, "
James Boyd Innes ...	"	"	13 April, "
Alfred Jones ...	"	"	5 September, "
Harry King ...	"	"	25 February, 1905
Lionel Thomas Kitching ...	"	"	1, 2 November, 1904
John Walter Mason ...	"	"	1 September, "
Donald Frazer Mackenzie ...	"	"	17 June, "
Arthur James Pearce ...	"	"	2 May, "
Alfred Andrew Perano ...	"	"	23 June, "
Joseph Reardon ...	"	"	6 April, "
Harold Robins ...	"	"	1 November "
William Schultz ...	"	"	1 September, "
George Timms Scotcher ...	"	"	5 January, 1905
Robert Sloane ...	"	"	5 "
Edwin Mugford Stentiford ...	"	"	5, 6 December, 1904
John Taw Waller ...	"	"	3 May, "
Thomas Samuel White ...	"	"	2 "
George Allan Williams ...	"	"	2 August, "
William John Allen ...	Marine-engine driver	"	3 May, "
Sidney Herbert Anderson ...	"	"	5 January, 1905
John Owen Cantwell ...	"	"	5 "
Peter Dromgool ...	"	"	1 September, 1904
Frederick Eiffelbein ...	"	"	8 August, "
Albert Vivian Ensor ...	"	"	3 May, "
Arthur Raymond Frost ...	"	"	1 September, "
Samuel Keeble ...	"	"	21 July, "
William Edward McBride ...	"	"	28 October, "
Harold Arthur Norgrove ...	"	"	8 September, "
Thomas Frederick Pond ...	"	"	1 February, 1905
John Charles Shirley ...	"	"	5 September, 1904
Frederick John Stratford ...	"	"	1 November, "
Arthur Turner ...	"	"	30 September, "
Arthur Underwood ...	"	"	1 September, "
Richard Charles Webb ...	"	"	4 July, "
Charles Barwell ...	First-class engineer (powered vessels other than steam)	Sea-going	4 January, 1905
William Templeton Gilmour ...	Ditto	"	5 "
Thomas Ashcroft ...	Second-class engineer (powered vessels other than steam)	"	4 "
Leslie Claude Davies ...	Ditto	"	4 "
William Hurst ...	"	"	2 November, 1904
Andrew Ernest Kusabs ...	"	"	£ "
Bert Arthur Meyenberg ...	"	"	2 May, "
George Sinclair ...	"	"	7 June, "
William Somerville ...	"	"	22 July, "
Mathew Strang Thomson ...	"	"	20 December, "
William John Webb ...	"	"	27 January, 1905
Harold Bulmer Priestly Wicks ...	"	"	2 November, 1904
Charles Robert Hyde ...	Engineer (powered vessels other than steam)	River trade	4 October, "
William Henderson Murdoch ...	Ditto	"	27 "
Richard Norman ...	"	"	5 January, 1905
William Robert Patterson ...	"	"	3 November, 1904
Thomas Rae ...	"	"	5 September, "
Gordon Charlie Webb ...	"	"	27 January, 1905

Total number of applicants, 169. Amount of fees, £165.

Failures to pass examination: 6 first-class engineers, 3 second-class engineers, 5 third-class engineers, 6 river engineers, 3 marine-engine drivers, 3 second-class engineers powered vessels other than steam, sea-going: total, 26.

No. 17.—RETURN of STEAMERS and OIL-ENGINE VESSELS SURVEYED during the Financial Year ended 31st March, 1905, with PARTICULARS of TONNAGE, &c.

Name of Vessel.	Tons Measurement.		Nominal Horse-power of all Steamships and Brake Horse-power of Ships other than Steam.	Indicated Horse-power of Home-trade Steamers and of Foreign Steamers only.	Description of Machinery.	Screw.	Paddle.
	Gross.	Register.					
Admiral	121	82	28	..	Compound S. condensing	Single..	..
Advance .. ..	..	..	8	..	High pressure .. ..	" ..	..
Advance	43	40	30 B.H.P.	..	Oil-engine .. ..	" ..	..
Ahuriri	85	31	17	..	Compound S. condensing	" ..	..
Akaroa	76	43	28	144	" ..	" ..	..
Akitio	4	3	4	..	High pressure .. ..	" ..	..
Albany .. ..	..	..	8	..	" ..	" ..	..
Albatross	217	111	37	..	Compound S. condensing	" ..	..
Alert (Thames) .. ..	..	..	6	..	Condensing .. ..	" ..	..
Alert (Auckland) .. ..	..	..	1½	..	High pressure .. ..	" ..	..
Alexander	377	184	72	297	Compound S. condensing	Twin ..	..
Alexandra	104	73	30	..	High pressure	" ..	Paddle.
Anna	28	21	10 B.H.P.	..	Oil-engine	Single..	..
Antrim	60	35	17	..	Condensing .. ..	" ..	..
Aorere	72	49	16½	70	Compound S. condensing	" ..	..
Aotea (Auckland)	111	89	15 B.H.P.	..	Oil-engine .. ..	" ..	..
Aotea (Kaipara)	263	157	33	..	Compound S. condensing	" ..	..
Aotea (Wellington)	203	89	35	184	" ..	" ..	..
Aparima	5,704	3,684	284	2,362	Triple-ex. S. condensing	Twin ..	..
Atapo	5	3·7	1½	..	High pressure	Single..	..
Awaroa .. ..	..	..	3	..	" ..	" ..	Stern wheel.
Awarua (2)	159	100	32	207	Condensing	" ..	Paddle.
Beatrice .. ..	..	8	10	..	Compound S. condensing	Single..	..
Ben Lomond	46	33	15	..	" ..	" ..	..
Blanche	26	17	9	..	High pressure .. ..	" ..	..
Canopus	1,063	834	250	1,080	Triple-ex. S. condensing	" ..	..
Canterbury .. ..	..	..	24	..	High pressure	Twin ..	..
Chelmsford	103	70	24	61	Compound S. condensing	Single..	..
Clansman	591	336	90	566	" ..	" ..	..
Claymore	210	91	54	..	Triple expansion .. ..	" ..	..
Clyde	130	..	40	..	Compound S. condensing	" ..	Stern wheel.
Condor	174	122	24	..	" ..	Single at each end	..
Corinna	1,279	820	141	970	" ..	Single..	..
Coromandel	99	67	25	..	" ..	" ..	..
Countess	189	84	28	..	" ..	" ..	..
Cygnat	124	66	43	189	" ..	" ..	..
Daphne .. ..	..	..	3	..	High pressure .. ..	" ..	..
Defender	189	117	36	144	Compound S. condensing	" ..	..
Despatch (Bluff)	35	24	20	..	" ..	" ..	..
Dingadee	640	393	80	365	" ..	Twin ..	..
Dolly Varden	31	19	30 B.H.P.	..	Oil-engine	Single..	..
Doto (2)	28	19	13	..	Compound S. condensing	" ..	..
Dredge No. 121	657	394	100	..	" ..	Twin ..	..
Dredge No. 222	1,225	500	120	557	" ..	" ..	..
Duchess	308	62	81	..	Triple-ex. S. condensing	Single..	..
Duco	130	26	60	..	" ..	" ..	..
Duke .. ..	..	..	6	..	High pressure	" ..	Stern wheel.
Durham	99	53	24	..	Compound S. condensing	Single..	..
Eagle	219	138	70	..	" ..	" ..	Paddle.
Edina .. ..	..	4	6	..	High pressure	Single..	..
Eliza .. ..	..	..	3	..	" ..	" ..	..
Elsie Evans.. ..	7·8	5·8	20 B.H.P.	..	Oil-engine .. ..	" ..	..
Endon .. ..	..	..	5	..	Compound S. condensing	" ..	..
Erin .. ..	..	..	4	..	High pressure .. ..	" ..	..
Erskine (2)	126	98	35	..	Compound S. condensing	" ..	..
Ethel, J.	29	19	16	..	Triple-ex. S. condensing	" ..	..
Eva .. ..	..	7	20 B.H.P.	..	Oil-engine .. ..	" ..	..
Eveline .. ..	..	..	8	..	High pressure .. ..	" ..	..
Express	53	36	25	94	Compound S. condensing	" ..	..
Fairy	45	32	10½	..	" ..	" ..	..
Falcon .. ..	..	..	6	..	High pressure .. ..	" ..	..
Fanny	90	55	30	159	Compound S. condensing	" ..	..
Firefloat .. ..	..	..	6	..	High pressure .. ..	" ..	..
Firefly	9	7	8 B.H.P.	..	Oil-engine .. ..	" ..	..
Flirt	17	13	10 B.H.P.	..	" ..	" ..	..
Freetrader	132	94	50	..	High pressure	" ..	Stern wheel.
Gael .. ..	..	55	20	..	Compound S. condensing	Single..	..
Gertie	262	100	59	329	Triple-ex. S. condensing	Twin ..	..
Glengel	288	156	75	323	Compound S. condensing	Single..	..
Gordon .. ..	..	..	12	..	Compound .. ..	" ..	..
Gosford	83	56	30	..	Compound S. condensing	" ..	..
Greyhound	107	83	50 B.H.P.	..	Oil-engine .. ..	" ..	..
Hamurana .. ..	..	..	10	..	High pressure	Twin ..	..
Hannah	8	6	8 B.H.P.	..	Oil-engine .. ..	" ..	..
Haupiri	700	475	88	516	Compound S. condensing	" ..	..
Hauroto	1,988	1,276	253	1,242	" ..	" ..	..
Hawea	1,757	1,114	104	915	Triple-ex. S. condensing	Single..	..

NOTE.—The figure (2) after the name of a vessel shows vessel to have been twice surveyed.

No. 17.—RETURN of STEAMERS and OIL-ENGINE VESSELS SURVEYED, &c.—*continued.*

Name of Vessel.	Tons Measurement.		Nominal Horse-power of all Steamships and Brake Horse-power of Ships other than Steam.	Indicated Horse-power of Home-trade Steamers and of Foreign Steamers only.	Description of Machinery.	Screw.	Paddle.
	Gross.	Register.					
Heathcote (2) ..	167	94	35	..	Compound S. condensing	Single..	..
Herald (2) ..	573	370	85	487	"	"	..
Himitangi ..	323	149	45	242	Triple-ex. S. condensing	"	..
Hinemoa (Rotorua) ..	..	..	6½	..	High pressure ..	"	..
Hirere ..	48	32	16	..	Compound S. condensing	Twin ..	..
Huia (Auckland) ..	..	..	8	..	High pressure ..	Single..	..
Huia (Auckland) ..	224	200	60 B.H.P.	..	Oil-engine ..	"	..
Huia (Wellington) ..	..	..	2	..	Compound S. condensing	"	..
Huia (Wellington) ..	133	69	23	120	"	"	..
Huria ..	..	..	10 B.H.P.	..	Oil-engine ..	"	..
Ida ..	18	12	10	..	High pressure ..	"	..
Invercargill (2) ..	223	123	50	242	Compound S. condensing	"	..
Irini ..	..	..	..	..	Oil-engine ..	"	..
Ithaca ..	..	7	9	..	Compound S. condensing	"	..
J.D.O. ..	129	88	28	..	"	"	..
John Anderson ..	52	36	20	..	"	"	..
John Townley ..	..	85	40	..	"	Twin ..	..
Kahu ..	175	99	40	210	"	Single..	..
Kamona (2) ..	1,425	903	117	749	Triple-ex. S. condensing	"	..
Kanieri ..	202	115	20	163	Compound S. condensing	"	..
Kapanui ..	110	75	32	..	"	"	..
Kapiti (2) ..	208	80	35	238	"	"	..
Kapui ..	58	30	30	..	High pressure ..	"	..
Karoro ..	76	51	17	..	Compound S. condensing	"	..
Kate ..	..	..	5	..	High pressure ..	"	..
Katikati ..	36	26	9	..	"	"	..
Kawatiri (2) ..	..	..	2½	..	"	"	..
Kawau (Coastal S. Co.) ..	99	53	20	..	Compound S. condensing	"	..
Kawau (McGregor S. Co.) ..	47	37	14	..	"	"	..
Kekeno ..	37	19	6 B.H.P.	..	Oil-engine ..	"	..
Kestrel ..	..	..	14	..	Compound S. condensing	Twin ..	..
Kia Ora ..	299	156	65	365	Triple-ex. S. condensing	"	..
Kilmorey ..	..	..	1½	..	High pressure ..	Single..	..
Kini ..	1,122	702	130	630	Triple-ex. S. condensing	"	..
Kiripaka ..	105	75	24	107	Compound S. condensing	"	..
Kittawa ..	1,246	707	120	695	Triple-ex. S. condensing	"	..
Kiwi ..	..	..	3	..	High pressure ..	"	..
Koonya (2) ..	1,090	662	115	683	Triple-ex. S. condensing	"	..
Kopu ..	..	18	13	..	High pressure ..	"	Paddle.
Kopuru ..	40	27	20	..	Compound S. condensing	Single..	Paddle.
Koputai ..	153	5	120	350	"	"	..
Kotahi ..	12	9	18 B.H.P.	..	Oil-engine ..	Single..	..
Kotiti ..	58	42	14	..	Compound S. condensing	"	..
Kuaka ..	45	33	90 B.H.P.	..	Oil-engine ..	"	..
Lady Barkly ..	55	39	20	72	Compound S. condensing	"	..
Lena ..	..	..	5	..	High pressure ..	"	..
Lily (Kaipara) ..	..	..	1½	..	"	"	..
Lily (Nelson) ..	34	23	12	..	Compound S. condensing	Twin ..	..
Loyalty ..	95	68	35	..	"	Single..	..
Lyttelton (tug) ..	190	39	80	..	"	"	Paddle.
Lyttelton ..	..	..	14	..	High pressure ..	Twin ..	..
Mahinapua ..	10	7	6	..	"	"	Stern wheel.
Mahuta ..	29	13	10½	..	Compound S. condensing	"	..
Makarora ..	..	45	13	..	High pressure ..	Single..	..
Mana (Wellington) ..	99	77	25	156	Compound S. condensing	"	..
Mana (Westport) (2) ..	196	50	90	..	"	"	..
Manapouri ..	2,060	1,288	220	1,613	"	"	..
Manaroa ..	122	77	24	141	"	"	..
Manchester ..	..	366	160	..	"	"	..
Mangaiti ..	..	..	6	..	High pressure ..	"	..
Mangapapa ..	146	78	28	193	Compound S. condensing	"	..
Mapourika ..	1,208	718	130	1,204	Triple-ex. S. condensing	"	..
Mararoa ..	2,598	1,380	530	3,310	"	"	..
Mascotte ..	..	..	..	..	High pressure ..	"	..
Matarere ..	..	..	1·7	..	Compound ..	"	..
Matuku ..	..	..	4	..	High pressure ..	"	..
Mavis ..	..	..	4½	..	"	"	..
May ..	..	..	3	..	"	"	..
May Howard ..	64	55	94 B.H.P.	..	Oil-engine ..	"	..
Meremere (Auckland) ..	..	..	½	..	High pressure ..	"	..
Meremere (Kaipara) ..	..	..	3	..	"	"	..
Minnie Casey ..	74	48	20	60	Compound S. condensing	"	..
Moa (2) ..	188	95	33	180	"	"	..
Moana (Dunedin) ..	3,914	2,414	372	4,161	Triple-ex. S. condensing	"	..
Moana (Greymouth) ..	7·8	5·8	7	..	High pressure ..	"	..
Moeraki ..	4,392	2,714	357	3,972	Triple-ex. S. condensing	Twin ..	..
Moerangi ..	24	15	27 B.H.P.	..	Oil-engine ..	Single..	..
Monowai ..	3,433	2,137	290	2,802	Triple-ex. S. condensing	"	..
Motara ..	..	..	4	..	High pressure ..	"	..

NOTE.—The figure (2) after the name of a vessel shows vessel to have been twice surveyed.

No. 17.—RETURN of STEAMERS and OIL-ENGINE VESSELS SURVEYED, &c.—*continued.*

Name of Vessel	Tons Measurement.		Nominal Horse-power of all Steamships and Brake Horse-power of Ships other than Steam.	Indicated Horse-power of Home-trade Steamers and of Foreign Steamers only.	Description of Machinery.	Screw.	Paddle.
	Gross.	Register.					
Moturoa .. .. .	..	..	10	..	Compound S. condensing	Single..	..
Mountaineer	109	66	50	..	"	"	Paddle.
Moura	2,026	1,247	275	2,081	Triple-ex. S. condensing	Twin ..	..
Mullough	69	46	15	..	High pressure ..	Single..	..
Muritai (Auck'and) ..	224	133	45	238	Compound S. condensing	" ..	..
Muritai (Horeke) ..	..	..	8	..	High pressure ..	" ..	..
Nambucca	130	74	24	137	Compound S. condensing	" ..	..
Naomi II.	11	9	19 B.H.P.	..	Oil-engine ..	" ..	..
Napier	70	48	30	89	Compound S. condensing	" ..	..
Narcissus .. .. .	..	..	2	..	High pressure ..	" ..	..
Naumai	47	28	12	..	Compound S. condensing	" ..	..
Nautilus	41	29	18	..	"	" ..	..
Ngapuhi	691	299	160	701	Triple-ex. S. condensing	Twin ..	..
Ngunguru	80	54	17	65	Compound S. condensing	Single..	..
Nina .. .. .	..	..	2½	..	Compound ..	" ..	..
Niobe .. .. .	..	..	3½	..	High pressure ..	" ..	..
Noko	19	15	9	..	"	" ..	..
Norval	56	50	20 B.H.P.	..	Oil-engine ..	" ..	..
Ohinemuri	114	73	26	120	Compound S. condensing	" ..	..
Ohuru .. .. .	..	20	14	..	Quadruple-ex. S. conden.	Twin ..	..
Orgarue .. .. .	..	..	16 B.H.P.	..	Oil-engine ..	Single..	..
Onslow	23	16	14	..	Compound S. condensing	Twin ..	..
Opawa	110	64	18	79	"	Single..	..
Opoutia .. .. .	..	..	5	..	High pressure ..	" ..	..
Oreti	219	117	50	192	Compound S. condensing	" ..	..
Orewa	59	37	17	..	"	" ..	..
Osprey	219	138	70	..	"	" ..	Paddle.
Paeroa	91	46	15	53	"	Single..	..
Paiaka	14	10	9	..	High pressure ..	" ..	..
Pania	40	27	11	45	Compound S. condensing	" ..	..
Pareora	650	355	71	417	Triple-ex. S. condensing	" ..	..
Parera .. .. .	..	..	4	..	High pressure ..	" ..	..
Pearl	25	18	12	..	"	" ..	..
Penguin	836	517	180	881	Compound S. condensing	" ..	..
Petone	708	388	82	528	Triple-ex. S. condensing	" ..	..
Phantom	44	18	11	90	Compound S. condensing	" ..	..
Piako .. .. .	..	..	4	..	Compound ..	" ..	..
Pilot (Auckland) ..	30	10	13	..	Compound S. condensing	" ..	..
Pilot (Wellington) ..	39	26	15	..	Triple-ex. S. condensing	" ..	..
Piraki .. .. .	..	10	4	..	High pressure ..	" ..	..
Pitoitoti	72	23	13½	..	Compound S. condensing	" ..	..
Planet	23	13	8	..	High pressure ..	" ..	..
Plucky	81	29	40	274	Compound S. condensing	" ..	..
Poherua	1,174	749	128	660	Triple-ex. S. condensing	" ..	..
Presto .. .. .	..	..	3	..	High pressure ..	" ..	..
Pukaki	1,444	917	110	702	Quadruple-ex. S. conden.	" ..	..
Purau	51	38	18	..	Compound S. condensing	Twin ..	..
Putiki	250	177	60	377	"	Single..	..
Queen of Beauty ..	..	..	37 B.H.P.	..	Oil-engine ..	" ..	..
Queen of the South ..	197	121	40	195	Compound S. condensing	" ..	..
Rakanoa	2,246	1,393	200	951	Triple-ex. S. condensing	" ..	..
Rarawa	1,071	450	140	1,392	"	Twin ..	..
Result (Napier) ..	28	18	10	..	Compound S. condensing	Single..	..
Rita	40	22	11	..	"	" ..	..
Rimu	358	144	95	489	Triple-ex. S. condensing	Twin ..	..
Riwaka .. .. .	..	..	10½	..	Compound S. condensing	Single..	..
Rob Roy	95	34	16	..	"	" ..	..
Rosamond	721	462	90	402	"	" ..	..
Rose Casey	132	99	35	115	"	" ..	..
Rothersey (2)	18	8	4.5	..	Compound ..	" ..	..
Rotoiti (Auckland) (2) ..	..	..	2½	..	Triple-ex. S. condensing	" ..	..
Rotokino (2)	2,004	1,263	135	910	Quadruple-ex. S. conden.	" ..	..
Rotomahana (Auckland) ..	183	139	50	..	Compound S. condensing	" ..	..
Rotomahana (Dunedin) ..	1,763	915	450	2,493	"	" ..	..
Rotorua	7.6	5.7	25 B.H.P.	..	Oil-engine ..	" ..	..
Rubi Seddon	528	348	60	..	Triple-ex. S. condensing	Twin ..	..
Ruru	31	11	10	..	Compound S. condensing	Single..	..
Savaii	55	31	16	..	"	" ..	..
Shamrock	109	60	120 B.H.P.	..	Oil-engine ..	Twin ..	..
Sonoma .. .. .	..	..	13	..	High pressure ..	Single..	..
Southern Cross (London) ..	682	403	117	590	Triple-ex. S. condensing	" ..	..
Speedwell	42	30	3½	..	High pressure ..	" ..	Stern wheel.
Stella	268	157	90	249	Compound S. condensing	Single..	..
Stirling	97	26	39	216	"	" ..	..
Storm	405	185	70	301	"	" ..	..
Stormbird	217	137	40	209	"	" ..	..
Success .. .. .	..	..	8 B.H.P.	..	Oil-engine ..	" ..	..

NOTE.—The figure (2) after the name of a vessel shows vessel to have been twice surveyed.

No. 17.—RETURN of STEAMERS and OIL-ENGINE VESSELS SURVEYED, &c.—continued.

Name of Vessel.	Tons Measure- ment.		Nominal Horse-power of all Steamships and Brake Horse- power of Ships other than Steam.	Indicated Horse- power of Home- trade Steamers and of Foreign Steamers only.	Description of Machinery.	Screw.	Paddle.
	Gross.	Register.					
Sumner (2)	167	94	35	..	Compound S. condensing	Single..	..
Sunbeam	9	7	5 B.H.P.	..	Oil-engine .. ..	" ..	..
Sylph .. ..	..	5	8	..	High pressure .. ..	" ..	..
Taieri	1,668	1,071	155	745	Triple-ex. S. condensing	" ..	..
Tainui	80	46	20	..	High pressure	" ..	Paddle.
Tainui	128	86	24	122	Compound S. condensing	Single..	..
Takapuna (Auckland) ..	77	57	25	..	High pressure	" ..	Paddle.
Takapuna (Dunedin) ..	930	472	265	1,232	Compound S. condensing	Single..	..
Talune	2,000	1,370	255	1,992	Triple-ex. S. condensing	" ..	..
Tangaroa	189	109	70	..	Compound S. condensing	Twin ..	..
Tangihua	31	20	15	..	" ..	Single..	..
Taniwha (Auckland) ..	263	191	40	..	" ..	Twin ..	..
Taniwha (Timaru) .. ..	..	16	16	..	High pressure	Single..	..
Tarakihi .. ..	..	..	4	..	" ..	" ..	..
Tarawera	2,008	1,268	250	1,554	Compound S. condensing	" ..	..
Tarewai	10	7	6	..	High pressure .. ..	" ..	..
Tasman	178	87	38	220	Compound S. condensing	Twin ..	..
Taviuni	1,465	510	135	966	Quadruple-ex. S. conden.	Single..	..
Tawera (Auckland) .. ..	..	..	8	..	High pressure .. ..	" ..	..
Tawera (Gisborne)	52	44	40 B.H.P.	..	Oil-engine .. ..	" ..	..
Tawera (Lake Te Anau) ..	..	..	14	..	Compound S. condensing	" ..	..
Te Anau	1,652	1,028	250	1,245	" ..	" ..	..
Te Kapu	92	50	25	99	" ..	" ..	..
Terranora (2)	349	199	94	266	" ..	" ..	Paddle.
Theresa Ward	194	9	95	480	Triple-ex. S. condensing	Single..	..
Thistle	96	77	90 B.H.P.	..	Oil engine .. ..	" ..	..
Thomas King	98	70	16	..	High pressure .. ..	" ..	..
Tilikum	9.4	7	13 B.H.P.	..	Oil-engine .. ..	" ..	..
Timaru	479	211	78	237	Compound S. condensing	Twin ..	..
Titiroa .. ..	..	..	3	..	High pressure	Single..	..
Tongariro (Lake Taupo) ..	..	..	8.2	..	Compound S. condensing	" ..	..
Toroa	388	174	91	455	Triple-ex. S. condensing	" ..	..
Tuariki	9.6	7.2	8 B.H.P.	..	Oil-engine	Twin ..	..
Tui .. ..	..	..	6½	..	High pressure	Single..	..
Tuiwika	3.2	2.4	6	..	" ..	" ..	..
Tuna (Auckland) .. ..	..	..	3½	..	Compound .. ..	" ..	..
Tuna (Gisborne) .. ..	..	..	14	..	Compound S. condensing	Twin ..	..
Uiera .. ..	..	..	3½	..	High pressure	Single..	..
Uta .. ..	..	..	50 B.H.P.	..	Oil-engine .. ..	" ..	..
Vesper .. ..	..	36	16	..	" ..	Twin ..	..
Victoria	147	92	40	..	Compound S. condensing	" ..	Paddle.
Victory .. ..	..	..	4	..	High pressure	Single..	..
Violet	7	5.2	8	..	Oil-engine .. ..	" ..	..
Vivid	21	6	13	..	High pressure .. ..	" ..	..
Waiapu	67	57	15 B.H.P.	..	Oil-engine .. ..	" ..	..
Waihi	92	63	20	172	Compound S. condensing	" ..	..
Waikare	3,071	1,901	229	2,452	Triple-ex. S. condensing	" ..	..
Waikato .. ..	..	..	4	..	High pressure .. ..	" ..	..
Waimana	151	107	18	..	Quadruple-ex. S. conden.	Twin ..	..
Waimarie (Auckland) ..	245	159	48	..	Compound S. condensing	" ..	..
Waimarie (Wanganui) ..	76	57	26	..	High pressure	" ..	Paddle.
Wainui	661	411	95	626	Compound S. condensing	Single..	..
Waione	57½	43	40	..	Triple-ex. S. condensing	Twin ..	..
Waiora .. ..	..	..	5	..	Compound S. condensing	Single..	..
Waiotahi	278	167	56	237	" ..	Twin ..	..
Waipa .. ..	..	..	1½	..	High pressure	Single..	..
Waipapakauri	6.9	5.2	4 B.H.P.	..	Oil-engine .. ..	" ..	..
Waipori (2)	1,919	1,229	180	1,019	Triple-ex. S. condensing	" ..	..
Wairere .. ..	..	27	80	..	High pressure	" ..	Paddle.
Wairoa	69	47	20	52	Compound S. condensing	Single..	..
Wairua .. ..	..	..	5	..	" ..	" ..	..
Waitangi	171	34	62	403	Compound S. condensing	Twin ..	..
Waiwera (Auckland) ..	..	..	6	..	High pressure	Single..	..
Waiwera (Dunedin) ..	..	..	16 B.H.P.	..	Oil-engine .. ..	" ..	..
Waiwiri .. ..	..	..	7½	..	Compound S. condensing	" ..	..
Wakaterere	441	157	140	..	" ..	" ..	Paddle.
Wakatu	157	95	23	149	" ..	Single..	..
Wanaka	2,421	1,572	280	1,219	Triple-ex. S. condensing	" ..	..
Warrimoo	3,529	2,076	490	3,731	" ..	" ..	..
Waverley	156	93	25	96	Compound S. condensing	Twin ..	..
Weka (Auckland)	127	86	27	..	" ..	" ..	..
Weka (Napier)	89	52	20	90	" ..	Single..	..
Wellington	382	279	80	447	" ..	" ..	..
Westland	133	35	60	424	" ..	" ..	Paddle.
Whakapara .. ..	..	..	2½	..	Compound	Single..	..
Whakariri	819	449	120	614	Compound S. condensing	Twin ..	..
Whangape	2,931	1,900	280	1,123	Triple-ex. S. condensing	Single..	..
Whati .. ..	..	..	1½	..	Compound .. ..	" ..	..
Winona .. ..	..	19	8	..	Compound S. condensing	" ..	..
Yankee Doodle .. ..	..	6	12	..	High pressure	" ..	Paddle.
Yho .. ..	..	12	24 B.H.P.	..	Oil-engine	Twin ..	..
Young Bungaree (2) ..	69	47	35	132	Compound S. condensing	Single..	..
Zephyr .. ..	..	8	14	..	High pressure .. ..	" ..	..

NOTE.—The figure (2) after the name of a vessel shows vessel to have been twice surveyed.

No. 18.—RETURN of SAILING-VESSELS SURVEYED during the Financial Year ended the 31st March, 1905, with Particulars of Tonnage, &c.

Name of Vessel.	Tons Measurement.		Description.	Times surveyed.
	Gross.	Register.		
Defiance	208	199	Brigantine	1
Elverland	398	361	Barquentine	1
Ganymede	572	568	Barque	1
Kathleen Hilda .. .. .	..	520	"	2
La Bella	382	376	"	1
Northern Chief	287	263	"	1
Onyx	427	396	"	1
Pendle Hill	234	222	Barquentine	1
St. Kilda	200	189	Schooner	2
Zelateur	557	524	Barque	1

No. 19.—RETURN of VESSELS SURVEYED for SEAWORTHINESS, &c., from the 1st April, 1904, to the 31st March, 1905.

Date of Survey.	Name of Vessel.	Where surveyed.	Nature of Casualty, &c.
1904. April 14 ..	S.s. Rimutaka ..	Wellington ..	Defective portion of main steam-pipe for main engines repaired and tested.
April 18 ..	Paeroa	Auckland	Part of cargo consisted of unslaked lime, which caught fire spontaneously, scorching paint work, but doing no other damage.
April 26 ..	Dingadee	Wellington	A crack developed in main boiler round flanging of front end-plate over furnaces. This was repaired by riveting angle-pieces over cracks.
April 28 ..	Aotea	Wellington	Plating in bottom of vessel damaged and a large number of rivets loosened by grounding while entering Patea Harbour. Sheathing plates fitted and new rivets put in where necessary.
May 2 .. .	Penguin	Wellington	Vessel grounded at entrance to Nelson Harbour. Vessel was placed on Patent Slip, Wellington, where damage was found to consist of several slight dents in bottom only which did not affect her seaworthiness.
May 4 .. .	Orewa	Auckland	Furnace-crowns of boiler collapsed slightly. This was caused by the presence of oil in the boiler. The pressure was reduced until strengthening rings could be fitted around defective part of furnace.
May 16 .. .	Kapiti	Wellington	A large number of rivets were loosened and bottom slightly dented by going ashore while entering Patea Harbour. The vessel was placed on Patent Slip, Wellington, for examination. All the loose rivets were renewed.
May 25 .. .	Southern Cross ..	Auckland	Survey of the whole of the deck equipments and appliances.
May 26 .. .	Kotuku	Wellington	The tank showed signs of weakness on voyage from West Coast to Wellington. The tank was strengthened by fitting an extra inter-coastal plate the full length of tank on each side of the vessel, and the fitting of extra angles on the margin plates. After the completion of the work the tank was tested by hydraulic pressure, and everything found in good order.
June 18 ..	Nambucca	Wellington	Rudder carried away by coming in contact with some object in Wairau River. Temporary repairs were made to bring vessel on to Wellington, where a new rudder was fitted.
July 6 .. .	Talune	Wellington	Vessel's side was slightly dented whilst lying at anchor in Wellington Harbour, during a fog, through the s.s. "Admiral" having collided with her when crossing the harbour from Seatoun to Wellington. On examination the damage was found to be of a slight nature, and did not affect vessel's seaworthiness.
July 6 .. .	Loyalty	Wellington	Stem of vessel was damaged in line with main-deck, as well as decks and covering boards started, forward bulwarks stove in, through vessel colliding with the wharf in Wellington Harbour, during a fog, on a trip from Seatoun to Wellington. The damage was made good by renewal of the broken part of stem and the replacing of the damaged deck-planking and the repairing of bulwarks.

RETURN of VESSELS SURVEYED for SEAWORTHINESS—*continued.*

Date of Survey.	Name of Vessel.	Where surveyed.	Nature of Casualty, &c.
1904. July 14 ..	S.s. Haupiri	Wellington	Plate on port bow of vessel was cracked through vessel coming into contact with Nelson wharf whilst berthing, the anchor having carried away. The damaged plate was sheathed and a new anchor supplied.
July 22 ..	Kiripaka	New Plymouth	The furnace-crowns were damaged during a voyage from Wellington to Waitara, through the water in the boiler getting too low. The old furnaces were cut out and were replaced with new ones.
Aug. 2 ..	Gertie	Nelson	Furnace-crowns slightly out of shape, and slight flaws in front end-plate of boiler where flanged to meet furnaces. Angle-pieces were fitted over flaws in front-plate and furnace-crowns put back by pressure.
Aug. 15 ..	Akaroa	Auckland	A small hole made in bottom of this vessel through coming in contact with some hard substance in bed of a shallow river. The vessel was docked in Auckland and a patch put over hole.
Aug. 17 ..	Whakatane	Wellington	Several plates were damaged in top, sides, and deck of this vessel, and also frames bent on starboard quarter, by the s.s. "Athenic" colliding with her when she was berthing at the Queen's Wharf. The frames were straightened and new plates fitted to replace the damaged ones.
Aug. 19 ..	Kamona	Wellington	A number of rivets had worked loose in fore peak of this vessel, causing a leak. The rivets had started by vessel driving into a head sea whilst in ballast. New rivets were put in while vessel was on Patent Slip.
Aug. 23 ..	Mararoa	Auckland	A portion of main steam-pipe of the main engines was defective. Defects made good and tested, after repairs, by hydraulic pressure.
Sept. 5 ..	Warrimoo	Dunedin	Vessel took the ground between the islands, whilst proceeding from Port Chalmers to Dunedin. No damage was discovered at the survey.
Sept. 6 ..	Pukaki	Wellington	One of the hawse pipes was broken and bow of vessel dented whilst lying at the Railway Wharf, Wellington, by coal-hulk colliding with her. New hawse pipe fitted and plate straightened and riveted.
Sept. 7 ..	Southern Cross	Auckland	On entering Pallu passage on the 27th April, when about one mile and a half inside, the vessel struck a reef with 1½ fathoms on it at low-water. Vessel was going dead-slow at the time. Also on 12th May, off Ysabel Island, under reduced speed, vessel struck an uncharted reef. At half-tide at midnight vessel slipped off. When docked in Auckland she was found to have suffered no damage.
Sept. 7 ..	Aparima	Auckland	One length of tunnel-shaft broke whilst on a voyage from Calcutta to New Zealand, between Thursday Island and Suva, and was temporarily repaired in Auckland to take the vessel to Dunedin, where new shaft was fitted.
Sept. 9 ..	Stella	Auckland	Bottom of vessel damaged while proceeding up a shallow river, by coming in contact with some hard substance. Vessel was docked at Auckland, and a riveted patch put over hole.
Sept. 12 ..	Takapuna	Wellington	Bow of rudder broken near top and also at centre, caused by striking some unknown substance at sea. Vessel was put on Slip at Wellington, when strengthening plates and bars were fitted to rudder.
Sept. 12 ..	Papanui	Wellington	A portion of main steam-pipe was found defective. The pipe was repaired and tested by hydraulic pressure.
Sept. 16 ..	Surrey	Wellington	Vessel grounded on Rangitoto Reef whilst on a voyage from Auckland to Wellington. A diver was employed to make an external survey, and the tanks were examined by surveyor. No damage was discovered.
Sept. 24 ..	Whangape	Wellington	New flange brazed on bend of main steam-pipe for main engines, and tested by hydraulic pressure.
Oct. 5 ..	Penguin	Wellington	Vessel stranded on oyster-bank for one hour outside Port Nelson, on the 3rd October. No apparent damage was discovered.
Oct. 17 ..	Taviuni	Auckland	Thrust-shaft surveyed and found defective. New shaft was fitted.

RETURN of VESSELS SURVEYED for SEAWORTHINESS—*continued.*

Date of Survey.	Name of Vessel.	Where surveyed.	Nature of Casualty, &c.
1904.			
Oct. 18 ..	S.s. Waiwera ..	Wellington ..	A portion of main steam-pipe of main engines was found defective. It was repaired and tested by hydraulic pressure.
Oct. 28 ..	Pakeha ..	Wellington ..	One length of main steam-pipe of main engines was defective. It was repaired and tested by hydraulic pressure.
Oct. 28 ..	Himitangi ..	Wellington ..	Vessel grounded whilst entering Foxton River. No damage was discovered.
Nov. 16 ..	Whangape ..	Wellington ..	A new bend made for main steam-pipe of main engines and tested by hydraulic pressure.
Nov. 22 ..	Petone ..	Wellington ..	During a voyage from Wellington to Kaipara, when about ten miles south of Cape Egmont, the propeller-shaft broke, carrying away part of stern-tube and propeller-blades. Vessel sailed back as far as Kapiti Island, and from thence was towed to Wellington, where new propeller-shaft, stern-tube, and propeller were fitted.
Dec. 6 ..	Mapourika ..	Wellington ..	Vessel grounded outside Nelson Harbour, denting the hull slightly in No. 1 ballast-tank on port side and also slightly in No. 2 tank, and breaking the cement. There were no signs of vessel leaking. The tanks were re-cemented.
Dec. 22 ..	Whangape ..	Auckland ..	Surveyed rudder and stock. The stock was slightly twisted, but no sign of flaw was discovered.
Dec. 29 ..	Glenelg ..	Auckland ..	Survey of alterations to vessel. The hatches were enlarged to facilitate the carrying of coal-cargoes.
Dec. 29 ..	Astracana ..	Auckland ..	Three deck beams broken on starboard side of vessel abaft the main hatch, and three beams broken on port side—two abaft the main hatch and one forward of same; also rivets loose in several beams, caused by working of vessel. The mizzen-top-gallant-yard was also unsafe, and several holes round the counter required plugging. All these defects were made good.
1905.			
Jan. 16 ..	Wainui ..	Wellington ..	Vessel struck on reef off D'Urville Island during a fog on voyage from Picton to Nelson, damaging the fore part of hull forward of collision bulkhead, and also on port side in fore ballast-tank. Three new plates were fitted and one straightened, and two new gusset-plates were put in between margin-plate of tank and side of vessel.
Jan. 28 ..	Himitangi ..	Wellington ..	Rudder-stock was twisted by grounding in the Foxton River. Quadrant of rudder keyed on to head temporarily to bring vessel on to Wellington, when a new stock was welded on to rudder.
Jan. 28 ..	Karamea ..	Auckland ..	A portion of the main steam-pipe of main engines was defective. This was repaired and tested by hydraulic pressure.
Jan. 28 ..	P.s. Whakatere ..	Auckland ..	Rudder-stock carried away about 12 in. below upper gudgeon. The rudder was unshipped and a piece welded in at point of fracture.
Feb. 15 ..	S.s. Muritai ..	Auckland ..	Cargo of flax in vessel caught fire, burning through the deck. The damaged portion of deck was cut out and renewed.
Feb. 27 ..	Kiriwaka ..	Wellington ..	Vessel grounded when entering the Foxton River, breaking shoe under aperture, also starting a number of butts and fastenings. New shoe fitted, and other defects made good.
Mar. 7 ..	Tasman ..	Wellington ..	Core-plug came out of port L.P. piston between Jackson's Head and the Brothers during voyage from Motueka to Wellington, breaking piston, crank-pin brasses and bolts, and bending connecting-rod. New piston, brasses, and bolts were fitted and connecting-rod straightened.
Mar. 27 ..	Invercargill ..	Dunedin ..	This vessel grounded on the rocks whilst entering the Bluff Harbour at night, owing to the Captain being unaware of the sinking of lightship at entrance to this harbour. The local surveyor, with a diver, examined the hull while afloat at the Bluff and found a crack in bottom plating, which was temporarily repaired to allow vessel to proceed to Port Chalmers. She was docked there, and the damage was found to consist of one keel-plate and two adjoining plates on starboard side under boiler partly cracked. These were renewed.

No. 20.—RETURN showing the REVENUE from the Inspection of Machinery Department (including the Examination of Engineers and Engine-drivers, and the Amount earned by the Survey of Steamers and Sailing-ships) during the Financial Year ended the 31st March, 1905.

Nature of Receipts.	Amount.		
	£	s.	d.
Received for inspection of boilers and machinery	6,685	4	0
Received for certificates of land-engine drivers	667	10	0
Fees for the survey of steamers (including auxiliary powered) vessels for the year	1,764	0	0
Fees for survey of sailing-vessels for the year... ..	66	10	0
Fees for survey of vessels for seaworthiness	139	13	0
Received for examinations of marine engineers	165	0	0
	<u>£9,487</u>	<u>17</u>	<u>0</u>

RETURN showing the ORDINARY EXPENDITURE of the Inspection of Machinery Department (including the Examination of Engineers and Engine-drivers and Survey of Steamers) during the Financial Year ended the 31st March, 1905.

Nature of Expenditure.	Amount.		
	£	s.	d.
Salaries	5,548	1	4
Advertising	12	7	6
Furniture for offices	33	3	8
Gas	16	8	3
Rent, cleaning offices, and fuel	418	9	8
Telephone-rents	44	0	0
Travelling allowances and expenses	2,206	17	0
Contingencies	46	4	9
	<u>£8,325</u>	<u>12</u>	<u>2</u>

RETURN showing the NAMES of OWNERS of BOILERS, &c.—continued.

Name of Owner.	Where Boiler used.	Purposes for which used	Horse-power of Boiler.	Diameter of Cylinders of Engines, in inches.	Class of Driver required.
AUCKLAND DISTRICT—continued.					
Colonial Sugar Co.	Chelsea	Refining	84	Two 16	First class.
"	"	Sugar-works	168	Two 14	"
Comrie, Jas.	Pukekohe	Threshing & traction	5	7	Locomotive & traction.
"	"	Threshing & chaff-cutting	5	8	"
Costley Home	Auckland	Heating	50	Nil	Second class.
Coulthard, F.	Mercer	Sawmill	20	15½	First class.
Coulthard Bros.	Helensville	"	60	30 & 16	"
Cousins & Aitkens	Auckland	Coach-factory	20	10½	Second class.
Craig, J. H.	Tuakau	Traction & flax-mill	6	8½	Locomotive & traction.
Craig, W.	"	Stone-crushing	6½	7½	"
Devonport Corporation	Lake Takapuna	Pumping	16	13, 9, 16	First class.
"	"	"	16	13, 9, 16	"
Direct Supply Co.	Auckland	Cabinetmaking	30	10	Second class.
"	"	Furniture-factory	65	12 & 13	First class.
Donaghy & Co.	"	Rope & twine works	35	Two 10½	"
Dreaver, A. C.	Waipu	Traction	8	6½ & 10	Locomotive & traction.
Dunn, Smith, & Co.	Auckland	Machine-shop	20	9½	Second class.
Eclipse Gold-mining Co.	Tararu Creek	Winding	14	Two 8½	Winding.
Ellis & Burnand	Hamilton	Sawmill	44	15	First class.
"	Mangapehi	"	50	Two 14½	"
"	"	Hauling	17	Two 9½	Locomotive & traction.
"	Otorohanga	Sawmill	25	14	Second class.
"	Taumarunui	"	14	Two 8½	"
"	Tiroa	Hauling	8	7 & 11	"
"	"	Sawmill	16	Two 9	"
"	Waimarino	"	16	Two 8½	"
Fairlie & Stevenson	Matawheri	Chaff-cutting	8	9	Locomotive & traction.
Fleet, Jno.	Aramahoe	Flax-mill	20	10	Second class.
Footo Bros.	Opuawhanga	Hauling	8	6½ & 10	Locomotive & traction.
"	Whakapara	Sawmill	20	Two 10½	First class.
Forest & Clark	Paeroa	"	17	13	Second class.
Fraser & Sons, G.	Auckland	Ironworks	25	9	"
Freshburg & Sons	Waihou River	Flax-mill	43	14½	First class.
Friend, J. E.	Muddy Creek	Sawmill	16	8	Second class.
Frost, E. C.	Tuakau	Flax-mill	24	10	"
Gardiner Bros. & Parker	New Lynn	Brick-works	56	14½	First class.
Gibbons, R. P.	Hikurangi	Hauling	18	Two 6	Second class.
"	"	Sawmill	52	16	First class.
"	Kopu	"	50	16½	"
"	Tangowahuru	"	52	13	Second class.
Goldie, D.	Auckland	"	25	20	First class.
"	"	"	25	20	"
Gould & Co., H. H.	Ohinewai	Flax-mill	16	10	Second class.
Gray, W. F.	Tooma	"	23	10	"
Hadley & Co.	Mount Eden	Stone-breaking	14	Two 8½	"
Hall & Co.	Kawakawa	Flax-mill	22	10	"
Hancock & Co.	Auckland	Brewery	45	12 & 20	First class.
"	"	"	45	Two 10	Second class.
Hauraki Freehold Estate Mining Co.	Coromandel	Winding	35	16	Winding.
Hellaby Bros.	Auckland	Boiling down	50	13½	Second class.
Hellaby, R. & W.	"	Freezing	79	12 & 28	First class.
"	"	"	79	12 & 28	"
Henderson Brick & Tile Co.	Henderson's Creek	Brick-making	30	12	Second class.
Hikurangi Coal Co.	Hikurangi	Winding	25	14	"
"	"	"	25	Two 10	"
Hills, J. E.	Patutahi	Flour-mill	7	8½	Locomotive & traction.
Hutchinson, J.	Kibikihi	Chaff-cutting	6	7½	"
*Jarrett Bros.	Cambridge	Threshing	5	7½	"
"	"	"	5	7½	"
Johnson, J. B.	Te Aroha	Flax-mill	23	10	Second class.
Jury, W. H.	Rangiriri	"	16	8	"
Kauri Freehold Gold Estate Co.	Opitonui	Traction	8	Two 7	Locomotive & traction.
"	"	"	12	Two 8	"
Kauri Timber Co.	Aratapu	Sawmill	35	19 & 36	First class.
"	"	"	35	19 & 36	"
"	"	"	25	19 & 20½	"
"	"	"	25	19 & 20½	"
"	"	"	25	19 & 20½	"
"	"	"	25	19 & 20½	"
"	"	Fire-engine pump	25	16	"
"	Auckland	Sawmill	26	Two 20	"
"	"	"	26	Two 20	"
"	"	"	26	Two 20	"
"	"	"	26	Two 20	"
"	"	"	35	12½ & 22	"
"	"	"	35	25	"
"	"	"	35	35	"
"	"	"	65	26	"
"	"	"	65	26	"

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Lumber required.
AUCKLAND DISTRICT— <i>continued.</i>					
Kauri Timber Co.	Kohukohu	Sawmill	35	Two 16	First class.
"	"	"	35	Two 16	"
"	"	"	35	Two 16	"
"	Onehunga	"	40	18½	"
"	"	"	22	15	"
"	Tairua Bay	"	40	19½ & 36	"
"	"	"	40	19½ & 36	"
"	Te Kopuru	"	50	20	"
"	"	"	65	20	"
"	"	"	40	14	Second class.
"	"	Planing-machine	22	14	"
"	"	Traction	10	Two 6	Locomotive & traction.
"	Waimamaku	Sawmill	12	Two 8½	Second class.
"	"	"	28	12 & 12	First class.
"	"	Hauling	10	Two 7	Locomotive & traction.
"	Whangapoa	"	10	Two 8	"
Keith, J. H.	Pukekohe	Threshing	8	5 & 9	"
"	"	"	5	6½	"
Kempthorne, Prosser, & Co.	Auckland	Boiling down	18	14	Second class.
"	Westfield	Grinding bones	25	14	"
King, G. E.	Tangowahine	Sawmill	45	14	"
Kiripaka Coal Co.	Kiripaka	Hauling	14	Two 8½	"
Knight, B. L.	Katikati	Sawmill	45	14½	First class.
Komata Reefs Gold-mining Co.	Komata	Quartz-crushing	25	13	Second class.
Kurunui-Caledonian Gold-mining Co.	Thames	Winding	20	11½	Winding.
Lane & Sons, F. M.	Totara	Sawmill	14	Two 8½	Second class.
"	"	"	20	Two 11	First class.
Leyland-O'Brien Timber Co.	Auckland	"	36	Two 10	Second class.
"	"	"	36	12	"
"	"	"	74	16½	First class.
Maclow Bros.	Mechanic's Bay	"	40	18	"
Manawaru Co-operative Dairy Co.	Aratiatia	Dairy	16	9	Second class.
Masefield & Co.	Auckland	Ironworks	20	7	"
Massey Bros.	"	Machine-shop	25	8	"
Massey, W. H.	Mangere	Threshing & chaff-cutting	9	9	Locomotive traction.
Mauder & Bradley	Puhipuhi	Sawmill	77	Two 12	First class.
May Queen-Hauraki Gold-mining Co.	Thames	Winding & air-compressing	32	12 & 15	Winding.
"	"	Winding	20	9 & 16	"
May Queen Gold-mining Co.	"	"	16	8	Second class.
McCoskrie & Sons, S.	Auckland	Foundry	25	12	"
McGrath, J.	Ongarue	Sawmill	25	10	"
McIntyre, Jas.	Onehunga	Ironworks	25	10	"
Minnie & Dey	Auckland	Biscuit-factory	30	Nil	"
Mitchell & Walsh	Te Rapa	Flax-mill	28	12	"
Mitchelson Timber Co.	Aroa	Fire-engine pump	30	14 & 14	First class.
"	"	Sawmill	50	Two 20	"
"	"	"	50	Two 20	"
"	Herekino	"	16	Two 10	Second class.
Mountain Rimu Timber Co.	Mamaku	"	51	16	First class.
Mount Albert Road Board	Mount Roskill	Pumping	20	18 & 11½	"
"	"	"	20	18 & 11½	"
National Loan Co.	Tatararika	Sawmill	30	30	"
"	"	"	30	30	"
New May Queen Gold-mining Co.	Thames	Winding	20	9 & 16	Winding.
New Monatairi Gold-mining Co.	"	"	35	Two 12	First class & winding.
N.Z. Crown Mines	Karangahake	Quartz-crushing	56	17 & 25	First class.
"	"	"	56	17 & 25	"
"	"	Pumping & winding	45	14, 10, 10	First class & winding.
N.Z. Dairy Association (Ltd.)	Ngaruawhia	Dairy factory	34	16	First class.
"	Pukekohe	"	35	8	Second class.
N.Z. Glass Co.	Mechanic's Bay	Glass-works	36	10	"
N.Z. Glue Co.	Onehunga	Glue-works	28	5	"
N.Z. Govt. Avondale Asylum	Avondale	Stone-crushing	12	Two 8½	Exempt under section 63 "The Inspection of Machinery Act, 1902."
N.Z. Govt. Mines Department	Thames	Pumping & winding	40	30 & 60, 18, 29½, & two 14	Ditto.
"	"	"	40	Ditto	"
"	"	"	40	"	"
"	"	"	40	"	"
"	"	"	40	"	"
N.Z. Govt. Public Works Dept.	Maramataha	Stone-crushing	16	Two 9½	"
"	"	"	16	Two 9½	"
"	Paeroa (near)	"	16	Two 9	"
"	Porootarao to Ongarue	Ballasting	25	Two 9	"
"	Porootarao	"	25	Two 9	"
N.Z. Laundry Co.	Auckland	Laundry	25	10	Second class.
N.Z. Portland Cement Co.	Limestone Island	Cement-works	96	16 & 24	First class.
"	"	"	96	16 & 24	"

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
AUCKLAND DISTRICT— <i>continued.</i>					
N.Z. Timber Co.	Koutu	Sawmill	56	16	First class.
"	"	"	56	16	"
Northern Coal Co.	Hikurangi	Hauling	20	Two 6	Locomotive & traction.
"	"	"	10	Two 4½	"
Northern Roller-mills	Auckland	Flour-mill	60	12½ & 23	First class.
"	"	"	80	16 & 30	"
Northern Steamship Co.	"	Idle (for sale)	33	Two 11½	"
Northern Wairoa Timber Co.	Tatarariki	Sawmill	48	30	"
"	"	"	48	30	"
Ookleston Bros.	Hobsonville	Pottery	16	12	Second class.
O'Donahue & Price	Taumarunui	Sawmill	25	14	"
Ohinemuri County Council	Paeroa	Stone-breaking	10	7 & 11	Locomotive & traction.
Old Hauraki Gold-mining Co.	Coromandel	Quartz-crushing	25	14½	First class.
"	"	Winding	25	Two 9 & 20	First class & winding.
"	"	Pumping	25	20	First class.
Onehunga Borough Council	Onehunga	"	20	Two 18½	"
"	"	"	25	10 & 16	"
"	"	"	25	10 & 16	"
Onehunga Woollen Co.	Te Papapa	Woollen-factory	50	9 & 16	"
"	"	"	50	9 & 16	"
Parker and Lamb	Auckland	Sawmill	20	16	"
"	"	"	35	16, 10, 20	"
Premier Joinery Co. (Ltd.)	"	"	50	18	"
Price, A. & G.	Thames	Ironworks	42	8	Second class.
Primrose, J. & J.	Hamilton	Threshing	6	8	Locomotive & traction.
"	Kirikiri-roa	"	5	7½	"
Rangiora Sawmill Co.	Rangiora	Sawmill	60	13½	Second class.
Rasmussen, R.	Paeroa	Flax-mill	32	12 & 24	First class.
Riverhead Paper-mills	Riverhead	Paper-mill	42	12 & 23	"
"	"	"	42	12 & 23	"
Roberts & Co., J. D.	Auckland	Confectionery	15	10 & 10	Second class.
Ross, A. Y.	Matata	Sawmill	20	10	"
Rotorua Timber Co.	Rotorua	"	50	16	First class.
Rowe & Co.	Mamaku	"	15	13	Second class.
Royal Oak Gold-mining Co.	Tokatia	Battery	25	14	"
Salmon (Ltd.), R.	Auckland	Manure-works	16	10	"
Salmon & Co.	"	Freezing	55	13	"
Sanford, A.	"	Ice-making	20	9½	"
Seccomb & Co., R.	"	Brewery	25	9½	"
Sharland & Co.	"	Steaming	25	Nil	"
Slater & Co.	Opuawhanga	Hauling	8	6½ & 10	Locomotive & traction.
"	Whakapara	"	8	6½ & 10	"
Smith Bros.	Matakohe	Sawmill	25	18	First class.
"	"	"	30	Two 8	Second class.
"	Whangape	"	25	Two 10	"
Smith & Malcolm	Kaikokopu	Flax-mill	14	Two 9	"
Smyth Bros.	Kennedy Bay	Traction	8	Two 6	Locomotive & traction.
Steele Bros.	Oxford Bush	Sawmill	24	13 & 18	First class.
Stevens & Stokes	Kaitui	"	17	Two 8	Second class.
Sutherland & Co.	Onehunga	Tannery	37	8 & 15	First class.
Suttie Bros.	"	"	22	10	Second class.
Suttie & Co.	Waharoa	Flax-mill	45	12	"
Symons, A. M.	Auckland	Sawmill	26	14	"
Talisman Consolidated Gold-mining Co.	Karangahake	Quartz-crushing	25	10, 16, 18	First class.
Ditto	"	"	57	10, 16, 18	"
"	"	"	57	10, 16, 18	"
Tararu Creek Gold-mining Co. (Ltd.)	Tararu	Quartz-crushing & air-compressing	35	14½ & 16	"
"	"	Quartz-crushing	30	16	"
Taringamutu Sawmill Co.	Taringamutu	Sawmill	45	12 & 20	"
Taupiri Coal-mines (Ltd.)	Huntly	Pumping & winding	42	Two 9, Two 8, & 12	First class & winding.
"	"	"	30	Two 18	"
"	"	"	30	Two 18	"
"	"	"	42	Two 9, Two 8	"
"	"	"	77	Two 9, Two 8	"
"	"	"	77	Two 9, Two 8	"
"	"	Winding	14	Two 5	Winding.
"	Kinihia	Traction	12	Two 8	Locomotive & traction.
"	"	Pumping & winding	24	8 & Two 12	First class & winding
"	"	"	24	8 & Two 12	"
"	"	"	24	8 & Two 12	"
"	Taupiri	Hauling	20	Two 11½	First class.
Taupo-Totara Timber Co.	Kopokorahi	Sawmill	16	Two 9	Second class.
"	Mokiotuiriri	"	28	11½	"
"	Mokai	"	58	11½	"
"	Putaruru	Hauling	12	Two 7½	Locomotive & traction.
"	Taupo	Sawmill	18	Two 10	Second class.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
AUCKLAND DISTRICT—<i>continued.</i>					
Taupo-Totara Timber Co.	Taupo Bush	Hauling	12	8 & 8	Locomotive & traction.
"	"	"	18	10 & 10	Second class.
"	"	"	50	10 & 10	"
"	"	"	20	Two 12	Locomotive & traction.
Taylor & Sons, W.	Taupiri	Chaff-cutting & threshing	5	7½	"
Te Aroha Co-operative Dairy Co.	Waibau	Dairy	25	10	Second class.
Thames Drainage-works	Thames	Winding	22	10 & 20	Winding.
"	"	"	22	10 & 20	"
"	"	Drainage-works	35	32	First class.
"	"	"	35	32	"
"	"	"	35	32	"
"	"	"	35	32	"
Thomas Bros.	New Lynn	Brick-works	13	12½	Second class.
Thompson & Gardiner	"	Brick & pipe works	20	10	"
Thornes & Nicolls	Arch Hill	Abattoir	23	Nil	"
Trounson, J.	Kaihu	Sawmill	25	16	First class.
"	"	"	15	16	"
"	"	Hauling	8	5½ & 11	Locomotive & traction.
Union Collieries Co.	Maramarua	Pumping	25	10 & Two 7	Second class.
Union Soap & Candle Co.	Westfield	Soap-works	40	16½	First class.
"	"	"	25	16½	"
Victoria Gold-mining Co.	Thames	Winding	16	Two 9½	Second class.
Waihi Extended Gold-mining Co.	Waihi	Pumping & winding	14	Two 8	Winding.
Waihi Gold-mining Co.	Waihi & Waikino	Hauling	8	10	Locomotive & traction
"	"	"	18	Two 9	"
"	"	"	18	Two 9	"
"	"	"	18	Two 9	"
"	Waihi	Quartz-crushing	50	12,20,15, & 30	First class.
"	"	"	50	12,20,15, & 30	"
"	"	"	52	12,20,15, & 30	"
"	"	"	70	12,20,15, & 30	"
"	"	"	50	11 & 20	"
"	"	"	45	11 & 20	"
"	"	Pumping, winding, & air-compressing	64	35 & 70, Two 12, & 14	First class & winding.
"	"	Ditto	64	35 & 70, Two 12, & 14	"
"	"	"	56	12,12,35, & 70	"
"	"	"	56	12,12,35, & 70	"
"	"	Pumping & winding	88	110,60,70, & 35	"
"	"	"	88	110,60, & Two 8	"
"	"	"	88	Two 12	"
"	"	"	88	110,60,35, & 70	"
"	"	Winding & air-compressing	42	Two 18	Winding.
"	"	Ditto	52	Two 18	"
"	"	Pumping, winding, & air-compressing	70	Two 11½, 45,90,14, & 10	First class & winding
"	"	Ditto	70	Two 11½, 45,90,14, & 10	"
"	"	"	70	Two 11½, 45,90,14, & 10	"
"	"	"	70	Two 11½, 45,90,14, & 10	"
"	Waihi & Waikino	Sawing timber	16	Two 10	Second class.
"	"	Quartz-crushing	40	12, 21, 15	First class.
"	"	"	40	12, 21, 15	"
"	"	"	50	19 & 36	"
"	"	"	50	19 & 36	"
"	"	"	50	19 & 36	"
"	"	"	50	19 & 36	"
"	"	"	50	19 & 36	"
Waihi Grand Junction Gold-mining Co.	Waihi	Pumping, winding, & air-compressing	63	Two 7, Two 14, 18, & 32	First class & winding

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
AUCKLAND DISTRICT—<i>continued.</i>					
Waihi Grand Junction Gold - mining Co.	Waihi ..	Pumping, winding, & air - compressing	80	Two 7, 18, & 42	First class & winding.
Ditto	" ..	Ditto ..	80	Two 7, 18, & 42	"
Waikato Bacon Co. ..	Frankton Junction	Bacon-factory ..	17	9	Second class.
Waiotahi Gold-mining Co. ..	Thames ..	Crushing & winding	35	14 & 14	Winding.
Waitaia Gold-mines ..	Kuaotuna ..	Battery ..	35	15	First class.
Waitekauri Gold-mining Co. ..	Waitekauri ..	Pumping & winding	50	18, 12, & Two 10, & 4	First class & winding.
Waitemata Sawmill Co. ..	Auckland ..	Sawmill ..	35	16	First class.
Whitchurch Bros. ..	Manurewa ..	Flax-mill ..	14	Two 8½	Second class.
White & Co., J. G. ..	Mount Eden ..	Stone-breaking ..	17	9	"
White Pine Co. ..	Naumai ..	Hauling logs ..	10	Two 8	Locomotive & traction.
" ..	Toka Toka ..	" ..	14	8 & 13	First class.
" ..	" ..	Sawmill ..	40	Two 15	"
" ..	" ..	" ..	40	Two 15	"
" ..	" ..	" ..	65	Two 15	"
Williams, C. ..	Whakatane ..	Flax-mill ..	16	6½ & 11½	Second class.
Wilson & Horton ..	Auckland ..	Printing ..	53	15, 9, 13, 12, & 5	First class.
" ..	" ..	" ..	100	9 & 13	"
Wilson & Co., J. ..	Mahaurangi ..	Lime-works ..	67	14 & 28	"
" ..	Warkworth ..	Cement-works ..	67	14 & 28	"
" ..	" ..	" ..	68	14 & 28	"
NORTH CANTERBURY.					
Akaroa County Council ..	Akaroa ..	Stone-crushing ..	8	6 & 10½	Locomotive & traction.
Allen, R. ..	Riccarton ..	Flour-mill ..	12	6½ & 11½	Second class.
Allinson, R. ..	Christchurch ..	Sawing and hauling	7	8	Locomotive & traction.
Anderson, John ..	" ..	Foundry ..	20	9 & 15	First class.
" ..	" ..	" ..	20	9 & 15	"
Anderson & Co., J. ..	Lyttelton ..	Engineers' tools ..	45	9½ & 17½	"
Andrews, J. C. ..	Waikuku ..	Flax-mill ..	20	12	Second class.
Andrews, S. ..	Heathcote ..	Road-wagon ..	4	5 & 9	Locomotive & traction.
" ..	" ..	Stone-crushing ..	16	8 & 12½	First class.
Aulsebrook & Co. ..	Christchurch ..	Biscuit-factory ..	18	12	Second class.
Bailey, R. ..	Ashley ..	Threshing ..	8	8½	Locomotive & traction.
*Bailey, Wm. ..	Templeton ..	" ..	8	9	"
Barnes, Chas. ..	Cheviot ..	" ..	8	9½	"
Batchelor Bros. ..	Culverden ..	Chaff-cutting ..	6	7	"
*Beal, M. ..	Kaiapoi Island	Threshing ..	10	10	"
*Bennett, H. ..	Lincoln ..	" ..	8	6 & 10	"
" ..	" ..	" ..	8	9	"
Boag & Cook ..	Doyleston ..	" ..	7	8	"
" ..	" ..	" ..	9	6 & 10½	"
" ..	" ..	" ..	9	9½	"
Body, A. E. ..	Sydenham ..	Hauling ..	8	6 & 10½	"
*Bowman, Jno. ..	Riccarton ..	Threshing ..	8	9	"
*Bowman, R. ..	West Oxford ..	" ..	8	9	"
Bowron Bros. ..	Woolston ..	Tannery ..	16	Nil	Second class.
" ..	" ..	" ..	17	11	"
" ..	" ..	" ..	17	12 & 21½	First class.
" ..	" ..	" ..	16	11	Second class.
" ..	" ..	Heating water ..	17	Nil	"
" ..	" ..	" ..	25	Nil	"
Brown, Mrs. ..	Christchurch ..	Laundry ..	20	7	"
Brown, D. H. ..	Addington ..	Flour-mill ..	30	8 & 12½	First class.
Brightling, J. ..	Christchurch ..	River-cleaning ..	9	Two 9	Second class.
" ..	" ..	Brick-making ..	30	12	"
Brundell, H. A. ..	Kaiapoi ..	Chaff-cutting ..	6	8	Locomotive & traction.
Burgess, J. ..	Dunsandel ..	Threshing, &c. ..	9	6½ & 11½	"
*Burgess, Wm. ..	" ..	Threshing ..	8	8½	"
Burgin, T. A. ..	Swannanoa ..	" ..	7	8½	"
*Burns, W. ..	Prebbleton ..	" ..	8	6½ & 10	"
*Calder Bros. ..	Halkett ..	" ..	9	10	"
*Campbell, E. ..	Leeston ..	" ..	8	6 & 10½	"
Canterbury Frozen-meat Co. ..	Belfast ..	Road-wagon ..	5	4½ & 7	"
" ..	" ..	Shunting ..	20	Two 9	"
" ..	" ..	Freezing ..	40	9, 14, & 28	First class.
" ..	" ..	" ..	40	9, 14, & 28	"
" ..	" ..	" ..	30	9, 14, & 28	"
" ..	" ..	Oleo-works ..	14	Two 8½	Second class.
" ..	" ..	Cooperage ..	36	9½ & 16	First class.
" ..	" ..	Boiling down ..	15	9½ & 16	"
" ..	" ..	Manure-works ..	15	9½ & 16	"
" ..	" ..	" ..	15	9½ & 16	"

*This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
NORTH CANTERBURY—<i>continued.</i>					
Canterbury Seed Co. ..	Heathcote ..	Seed-cleaning ..	20	12 $\frac{1}{2}$	Second class.
Cheviot County Council ..	Port Robinson ..	Landing-service ..	25	Two 10 $\frac{1}{2}$	First class.
Christchurch Brick Co. ..	St. Martin's ..	Hauling surf-boats ..	20	Two 10 $\frac{1}{2}$	"
Christchurch City Council ..	Christchurch ..	Brick-making ..	56	12 $\frac{1}{2}$	Second class.
" ..	" ..	" ..	27	11	"
" ..	" ..	Destructor ..	103	Three 7 & three 12	First class.
" ..	" ..	" ..	103	Three 7 & three 12	"
" ..	" ..	Road-roller ..	6	5 $\frac{1}{2}$ & 9	Locomotive & traction
" ..	" ..	" ..	6	5 $\frac{1}{2}$ & 9 $\frac{1}{2}$	"
" ..	" ..	" ..	7	9	"
Christchurch Drainage Board ..	Linwood ..	Pumping ..	25	15 & 26	First class.
" ..	" ..	" ..	25	15 & 26	"
Christchurch Gas Co. ..	Christchurch ..	" ..	18	10	Second class.
Christchurch Meat Co. ..	Islington ..	Locomotive ..	10	7 & 7	Locomotive & traction.
" ..	" ..	Wool-scouring ..	16	Nil	Second class.
" ..	" ..	" ..	15	12 & 23	First class.
" ..	" ..	Manure-works ..	25	Nil	Second class.
" ..	" ..	" ..	30	12	"
" ..	" ..	Fellmongery ..	20	Nil	"
" ..	" ..	Freezing ..	40	15 & 27	First class.
" ..	" ..	" ..	40	15 & 27	"
" ..	" ..	" ..	40	15 & 27	"
" ..	" ..	Oleo-working ..	27	Nil	Second class.
Christchurch Steam-laundry ..	Christchurch ..	Laundry ..	20	11	"
Christchurch Tramway Co. ..	" ..	Tram-engine No. 1 ..	8	Two 6 $\frac{1}{2}$	Locomotive & traction.
" ..	" ..	" No. 2 ..	8	Two 7	"
" ..	" ..	" No. 3 ..	8	Two 7 $\frac{1}{2}$	"
" ..	" ..	" No. 5 ..	8	Two 7 $\frac{1}{2}$	"
" ..	" ..	" No. 6 ..	8	Two 7	"
" ..	" ..	" No. 7 ..	8	Two 7 $\frac{1}{2}$	"
" ..	" ..	" No. 8 ..	8	Two 7	"
Clark, J. G. ..	Kirwee ..	Hauling ..	7	8 $\frac{1}{2}$	"
*Clark, H. J. ..	Flaxton ..	Chaff-cutting ..	4	7 $\frac{1}{2}$	"
" ..	" ..	Threshing ..	8	8 $\frac{1}{2}$	"
Clark, W. H. ..	Woolston ..	Fellmongery ..	20	12	Second class.
*Clinton, Peter ..	Greendale ..	Threshing ..	8	9 $\frac{1}{2}$	Locomotive & traction.
Clough, Robt. ..	Little River ..	Chaff-cutting ..	8	9	"
Conway, W. F. ..	Cust ..	Threshing, &c. ..	8	9	"
Coop, James ..	Little River ..	Sawmill ..	14	Two 8 $\frac{1}{2}$	Second class.
Cooper & Duncan ..	Christchurch ..	Engineer's tools ..	20	8 $\frac{1}{2}$ & 12 $\frac{1}{2}$	First class.
Costello, H. ..	Cheviot ..	Threshing ..	8	9	Locomotive & traction.
Cox Bros. and Power ..	Templeton ..	Chaff-cutting ..	4	6	"
Curragh, A. ..	" ..	Flour-mill ..	8	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	Second class.
" ..	Addington ..	Threshing ..	8	9	Locomotive & traction.
*Curragh Bros. ..	Templeton ..	" ..	8	9	"
" ..	" ..	" ..	8	9	"
Dalziel & Purvis ..	Fernside ..	Threshing ..	9	6 $\frac{1}{2}$ & 10	Locomotive & traction.
*Darrock, R. ..	Waikari ..	" ..	8	6 $\frac{1}{2}$ & 10	"
*Davis, H. E. ..	Irwell ..	" ..	8	9	"
" ..	Doyleston ..	" ..	9	10	"
Deans, J. ..	Glentunnel ..	Brick and tile works ..	45	14 $\frac{1}{2}$	First class.
" ..	" ..	" ..	15	14 $\frac{1}{2}$	"
Dearsley & Taylor ..	Christchurch ..	Sawmill ..	30	10 $\frac{1}{2}$	Second class.
Dickson, M. J. ..	West Eyreton ..	Threshing, &c. ..	12	7 & 11 $\frac{1}{2}$	Locomotive & traction.
Duckworth & Greer ..	Papanui ..	" ..	8	9	"
Duncan, P. & D. ..	Christchurch ..	Foundry ..	30	8	Second class.
East, F. W. ..	Prebbleton ..	Threshing ..	7	8	Locomotive & traction.
Electric Construction Co. ..	Christchurch ..	Locomotive ..	10	7 & 7	"
" ..	" ..	Hauling ..	8	6 $\frac{1}{2}$ & 10	"
" ..	" ..	" ..	8	6 $\frac{1}{2}$ & 10	"
Evans, Richard ..	Kaiapoi ..	Threshing ..	8	8 $\frac{1}{2}$	"
" ..	" ..	" ..	8	8 $\frac{1}{2}$	"
" ..	" ..	" ..	10	9 $\frac{1}{2}$	"
" ..	" ..	Flour-mill ..	30	12	Second class.
*Findlay, D. & R. ..	Courtenay ..	Threshing ..	8	9	Locomotive & traction
*Gardener, H. ..	Irwell ..	Threshing ..	8	9	"
Gardener, R. ..	Cust ..	Flour-mill ..	20	7 & 12	Second class.
*Gibbs, Henry ..	Spreydon ..	Threshing ..	8	9	Locomotive & traction.
*Gillander, Bros. ..	Darfield ..	" ..	8	9 $\frac{1}{2}$	"
Glenmore Brick & Tile Co. ..	Woolston ..	Brick-works ..	50	16	First class.
Goss, James ..	Christchurch ..	Sawmill ..	16	Two 12 $\frac{1}{2}$	"
" ..	" ..	Sash & door factory ..	30	12 & 23	"
" ..	" ..	" ..	30	12 & 23	"
*Gough, J. ..	Greendale ..	Threshing ..	8	6 $\frac{1}{2}$ & 10	Locomotive & traction.
*Greenslade, J. ..	Prebbleton ..	" ..	8	6 $\frac{1}{2}$ & 10	"
" ..	" ..	" ..	9	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	"
" ..	" ..	" ..	8	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	"
" ..	" ..	" ..	8	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	"
*Greer Bros. ..	Papanui ..	" ..	8	9	"
Hadler, J. H. M. ..	Amberley ..	Chaff-cutting ..	8	9	"

*This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in inches.	Class of Driver required.
NORTH CANTERBURY—<i>continued.</i>					
Hall, Hy.	Christchurch ..	Threshing and hauling	8	6½ & 10	Locomotive & traction.
*Hampton, C.	Southbridge ..	Threshing	8	9	"
*Hanna, T.	Sefton	Threshing	8	9	"
Henshall,	Papanui	Woodworks	20	10	Second class.
*Herman, E.	West Oxford ..	Threshing	8	6½ & 10	Locomotive & traction.
Heywood, J. M. ..	Christchurch ..	Road-wagon	4	4½ & 7	"
Hill, Walter	Woolston	Tannery	30	12 & 19	First class.
Holland & Giles ..	Kaipoi	Chaff-cutting ..	9	8½	Locomotive & traction.
*Holland & Watson	Greendale	Threshing	8	9	"
Humm, W.	Waddington ..	Chaff-cutting ..	5	7	"
*Humm Bros.	"	"	6	8	"
Johnson, William	Yaldhurst	"	8	6½ & 10½	"
"	"	"	8	9	"
Jones & Patterson	Horarata	Threshing	8	9½	"
*Judson, J.	Woodend	"	8	9½	"
"	"	"	8	9	"
Kaipoi Woollen-mills	Kaipoi	Woollen-mills ..	65	20 & 36	First class.
"	"	"	30	20 & 36	"
"	"	"	30	20 & 36	"
Kimber, Albert H.	Springston ..	Threshing, &c. ..	8	6 & 10	Locomotive & traction.
"	"	"	8	6½ & 10½	"
Lemon & Anderson	Killinchy	Threshing	8	9	"
Lill, F.	Dunsandel	"	8	9	"
"	"	"	8	9	"
Lyttelton Borough Council	Lyttelton	Pumping water ..	10	7½ & 15	First class.
"	"	"	10	7½ & 15	"
"	"	"	12	Two 15	"
"	"	"	20	Two 15	"
"	"	"	"	& 11½	"
Lyttelton Harbour Board ..	"	Electric light ..	16	Two 12	"
"	"	"	16	Two 12	"
"	"	Pumping	15	13½	Second class.
"	"	"	15	13½	"
"	"	"	15	13½	"
"	"	"	38	Two 8½	"
Lyttelton Times Co.	Christchurch ..	Printing and electric light	15	9 & 12	First class.
"	"	Ditto	15	9 & 12	"
Maddren & Sons ..	"	Twine-making ..	32	10½	Second class.
Maindonald, M. H.	West Eyreton ..	Threshing	8	6½ & 10½	Locomotive & traction.
"	"	"	8	8½	"
"	"	"	8	9½	"
Manning & Co. ..	Christchurch ..	Brewing	50	Two 7	Second class.
Martin, Geo. H. ..	East Eyreton ..	Threshing	9	9½	Locomotive & traction.
*Matthews Bros. ..	Saltwater Creek	"	8	6½ & 11½	"
McCartney, R. ..	Tai Tapu	"	8	9	"
McConnell & Walker	Cust	"	9	6½ & 10	"
"	Killinchy	"	8	9	"
McCrostie, J. W. . .	Greendale	"	8	9	"
McEvedy, Peter ..	Southbridge ..	Not stated	8	6 & 10	"
*McIntosh, Kenneth	Southbrook ..	Threshing	8	9	"
*McLachlan, A. ..	Doyleston	"	8	9	"
McLauchlin, J. ..	Waikari	"	9	6½ & 10	"
"	"	"	8	9	"
McLaren & Co., W. A.	Christchurch ..	Road-wagon	4	4½ & 6	"
"	"	Road-work	9	7½ & 11	"
"	"	"	8	9½	"
"	"	Hauling	8	9½	"
"	"	"	8	6½ & 10	"
"	"	"	6	8	"
Mills, John	Waikuku	Chaff-cutting ..	8	6½ & 10	"
Moffatt, R.	Christchurch ..	Traction	9	6½ & 10	"
Moir & Co.	Southbrook ..	Flour-mill	30	12 & 20	First class.
*Moody, W.	Woodend	Threshing	8	8½	Locomotive & traction.
N.Z. Govt. Agricultural College	Lincoln	"	8	6½ & 10	Exempt under section 63, "Inspection of Machinery Act, 1902."
N.Z. Govt. Defence Dept.	Lyttelton	Electric lights ..	20	12	Ditto.
N.Z. Govt. Lunatic Asylum	Sunnyside	Pumping water ..	30	Two 9	"
"	"	"	30	Two 9	"
N.Z. Govt. Public Works Dept.	Cheviot Extension	Locomotive	20	10 & 10	"
N.Z. Provision & Produce Co.	Belfast	Chemical-works ..	20	6 & 10	Second class.
"	"	Soap-works	20	9	"
Nicholls, Wm. ..	"	Fellmongery	17	11	"
North Canterbury Hospital Board	Christchurch ..	Electric lights ..	50	11½	"
"	"	"	16	11½	"
Oleo & General Produce & Export Co.	Belfast	Heating	17	Nil	Second class.
*Osborne, Job ..	Doyleston	Threshing	8	9	Locomotive & traction.
"	"	"	8	9	"

*This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
NORTH CANTERBURY—<i>continued.</i>					
*Osborne, Job	Leeston	Threshing	8	9	Locomotive & traction.
*Page, H.	Springton	"	8	9	"
*Pawsey, J. R.	Sefton	"	8	8½	"
Pearson, W.	Southbrook	Flax-mill	8	9½	"
Pepper & Co., A.	Sydenham	Sash & door factory	30	11	Second class.
*Perryman, H. E.	Tai Tapu	Threshing	8	9½	Locomotive & traction.
Philpott & Sons	St. Albans	Wood & chaff cutting	7	7½	"
Pitcaithly & Co., R.	Halswell	Stone-crushing	40	Two 10	Second class.
"	"	"	16	Two 9	"
"	"	Hauling	10	7 & 11	Locomotive & traction.
"	"	"	9	6½ & 12	"
"	"	Roadwork	8	6½ & 11½	"
Press Co.	Christchurch	Printing & electric light	20	8 & 12½	First class.
"	"	Ditto	15	8 & 12½	"
Reid Bros.	Bennett's	Chaff-cutting	7	9	Locomotive & traction.
"	"	Threshing	8	9	"
Rice, A.	Kaiapoi	Chaff-cutting	9	6 & 10½	"
Scott Bros.	Christchurch	Engineer's shop	20	11	Second class.
Sefton Dairy Factory Co.	Sefton	Dairy factory	30	8	"
Sharp, John	Lincoln	Threshing	8	6½ & 10	Locomotive & traction.
*Shiple, Barton	Greendale	"	8	9	"
*Simpson, G. F.	Southbridge	"	8	9	"
Sims, John	Kaiapoi	Sawmill	14	7 & 12	Second class.
Smart, S.	Sydenham	Stone-breaking	18	Two 10½	First class.
Smith, H.	Kaiapoi Island	Threshing	8	6 & 10½	Locomotive & traction.
*Smith, W.	Ohoka	"	8	6 & 10	"
Smith, W. C.	Southbridge	Chaff-cutting	6	8	"
"	"	"	6	8	"
*Smith, W. R.	"	Threshing	8	9	"
Smith & Smith	Christchurch	Electric light	56	12 & 21	First class.
"	"	Sawmill & electric light	25	12 & 21	"
"	"	Ditto	25	12 & 21	"
Strange & Co., W.	"	Cabinetmaking	25	12	Second class.
*Streeter, J.	Tai Tapu	Threshing	8	8½	Locomotion & traction.
Swanston, A.	Christchurch	Hauling	8	9 7/16	"
"	"	"	7	8 1/16	"
*Thompson, G.	Prebbleton	Threshing	8	9	"
Thorn, A. J.	Hororata	"	8	9½	"
*Thyre, B.	Brookside	"	8	9	"
Trounce, C.	Waikari	Chaff-cutting	6	8	"
Tyler, C. A.	Rangiora	Road-wagon	5	5 & 9	"
Union S.S. Co.	Lyttelton	Hoisting	21	5, 6, & 8	Second class.
*Vallance, John	Sefton	Threshing	8	9	Locomotive & traction.
*Walker & Washbourne	Selwyn	"	8	8½	"
Wardell Bros.	Christchurch	Electric light	35	9 & 14	First class.
"	"	"	50	14	"
Washbourne, E.	Selwyn	Flax-mill	8	9	Locomotive & traction.
Watson, Gavin	Christchurch	Sawmill	25	10½	Second class.
* Watson Bros.	Halkett	Threshing, &c.	8	8½	Locomotive & traction.
White Bros.	Loburn	"	9	6½ & 10	"
White & Co., A. J.	Christchurch	Furniture-making	12	6 & 10½	Second class.
*Whyte, Geo.	West Oxford	Threshing	8	6½ & 10½	Locomotive & traction.
"	East Oxford	"	7	8	"
Williams & Stevens	Christchurch	Sawmill	35	Two 11	First class.
"	"	Sash and door factory	35	12 & 20	"
* Withell Bros.	Brookside	Threshing	8	6½ & 10½	Locomotive & traction.
Wood & Co., W.	Addington	Flour-mill	45	13 & 23	First class.
Wright, G. F.	Annat	Threshing	8	9	Locomotive & traction.
"	"	Chaff-cutting	4	6	"
Yarmouth Oil-clothing Co.	Christchurch	Oil-clothing manufacture	20	7	Second class.
Zealandia Soap and Candle Co.	Woolston	Soap & candle works	25	8	"
SOUTH CANTERBURY.					
Adams, John	Rakaia	Hauling	8	6½ & 10½	Locomotive & traction.
"	"	Chaff-cutting	6	6 & 10	"
Adams, John, jun.	"	"	7	8	"
Aker, William	Washdyke	Threshing	8	9	"
* Albury Farmers' Threshing Co.	Albury	"	8	6½ & 10½	"
* Anderson, Hy.	Greenstreet	"	8	6½ & 10½	"
Anderson, Wm.	Flemington	"	8	8½	"
Andrews, M.	Pleasant Point	Hauling	8	6½ & 10½	"
Ashburton Woollen-mills	Ashburton	Woollen-mills	20	18	First class.
"	"	"	30	18	"
"	"	"	30	18	"

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horsepower of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
SOUTH CANTERBURY—<i>continued.</i>					
Barrie, Jas.	Waihao Downs	Threshing and hauling	8	9	Locomotive & traction.
Batchelor, H.	Albury	Hauling, &c. ..	7	8½	"
* Bateman, Caleb	Temuka	Threshing ..	8	9½	"
Bean, Thos.	Hook	Hauling and threshing	8	9	"
* Beattie, Jas.	Orari	Threshing ..	8	9	"
Bennet, Charles	Tinwald	Chaff-cutting ..	5	7½	"
"	"	Threshing ..	8	9	"
Bennison Bros.	Newlands	" ..	8	9½	"
Betts, F.	Ashburton	Chaff-cutting ..	6	8½	"
* Bishop, Jas.	Wheatstone	Threshing ..	9	6½ & 10	"
"	"	" ..	9	6½ & 11½	"
* Brogden, Wm.	Temuka	" ..	8	9	"
* Buckingham, Bros.	Waimate	" ..	8	9½	"
Burgess, J.	Mayfield	" ..	7	6 & 10	"
"	"	Hauling ..	8	6½ & 10½	"
"	"	" ..	8	6½ & 10½	"
Button, R. T.	Peel Forest	Chaff-cutting & threshing	8	9	"
Cameron, D.	Methven	Threshing ..	8	10½	"
"	"	" ..	8	8½	"
* Campbell D.	Chertsey	Chaff-cutting & threshing	8	9	"
* Campbell, W. G.	Timaru	Threshing ..	9	9½	"
Canterbury Farmers' Co-operative Association	Timaru	For sale ..	8	6½ & 10½	"
Ditto	"	" ..	8	9	"
Canterbury Frozen Meat Co. ..	Pareora	Hauling ..	15	Two 8½	Locomotive & traction.
"	"	Freezing ..	150	14, 22 & 36	First class.
"	"	" ..	150	14, 22 & 36	"
"	Fairfield	" ..	70	9, 14, & 25	"
"	"	" ..	70	9, 14, & 25	"
"	"	" ..	70	9, 14, & 25	"
"	"	Oleo-works ..	16	8 & 12	"
"	"	" ..	16	8 & 12	"
"	"	Hauling ..	15	Two 8½	Locomotive & traction.
Canterbury Roller Flour-mills Co. ..	Ashburton	Flour-mills ..	20	14 & 21	First class.
"	"	" ..	20	14 & 21	"
Capon Bros.	Winchmore	General ..	8	9	Locomotive & traction.
Cartwright & Douglas	Milford, Temuka	Threshing & hauling	8	9	"
Cavill, Thos.	Ashburton	Chaff-cutting ..	6	8	"
Christchurch Meat Co.	Smithfield	Shunting ..	6	Two 5½	"
"	"	Freezing ..	40	12 & 22	First class.
"	"	" ..	40	12 & 22	"
"	"	" ..	50	16 & 29	"
"	"	" ..	83	16 & 29	"
* Cleve Bros.	Methven	Threshing ..	6	6 & 9½	Locomotive & traction.
Collins, W. H.	Ashburton	Sawing & planing ..	20	9½	Second class.
Connor Bros.	Kakahu	Hauling & threshing	8	9½	Locomotive & traction.
Copeland, J.	Chertsey	Threshing ..	8	9	"
Crowley, M.	Kerrytown	" ..	8	8½	"
Crum, A.	Ashburton	Brick-making ..	16	6½ & 11½	Second class.
* Cummings Bros.	Waituna	Threshing ..	8	8½	Locomotive & traction.
Dawson, A.	Waterton	General ..	8	6 & 10	"
"	"	Chaff-cutting ..	8	9½	"
Dermond, Michael	Temuka	Threshing & hauling	6	7½	"
* Doake, D. J.	Wakanui	Threshing ..	8	9	"
Douglas, J.	Rakaia	" ..	7	9	"
Drummond, P.	Lyndhurst	" ..	8	6 & 10	"
"	"	" ..	8	8½	"
Evans & Co.	Timaru	Flour-mills ..	30	14 & 24	First class.
Fitzgerald, N.	Tinwald	Threshing, &c. ..	8	6 & 10	Locomotive & traction.
* Fitzgerald Bros.	"	Threshing ..	8	9	"
"	Ashburton	" ..	8	9	"
"	Geraldine	" ..	8	9	"
* Fleming, J. C.	Ashburton	For sale ..	5	6½	"
Friedlander Bros.	Mayfield	Hauling ..	8	7 & 11	"
Gallagher, Jas.	Redcliffs	Threshing ..	8	6½ & 10½	"
Geddes Bros.	Makikihi	Flax-mill ..	16	18 & 13	First class.
George, H.	Winslow	Threshing ..	8	9	Locomotive & traction.
* Gourley, Mrs. J.	Winchester	Threshing & hauling	7	8½	"
Graham, H.	Greenstreet	Threshing ..	8	9	"
* Gray, Carl	Orari Bridge	" ..	8	9	"
Gregan, M.	Timaru	Traction ..	8	9	"
Greig, Wm.	Gleniti	Threshing ..	8	9	"
"	Akanui	" ..	8	6½ & 10	"
Grigg, E. F.	Longbeach	General ..	9	6½ & 10	"
Grigg, John	"	" ..	9	6½ & 10	"
"	"	" ..	9	6½ & 10	"
"	Winslow	Hauling ..	9	6½ & 10	"
Hardwicke, W.	Waimate	Chaff-cutting ..	8	9½	"
*	"	Threshing ..	8	9½	"

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
SOUTH CANTERBURY— <i>continued.</i>					
Harkness, W. S. ..	Timaru ..	Threshing ..	8	6½ & 10	Locomotive & traction.
Harrison, H. J. ..	Rakaia ..	Station-work ..	8	9	"
Harrison, Wm. ..	Summerlia ..	" ..	8	9	"
Hartnell Bros. ..	Lavinton ..	Hauling, &c. ..	8	8½	"
*Hawkins Bros. ..	Waimate ..	Threshing ..	8	9½	"
" ..	" ..	" ..	7	8½	"
Hayman, H. ..	Studholme ..	Hauling & threshing ..	8	8½	"
" ..	" ..	Threshing ..	8	6 & 10	"
Hayman, W. ..	" ..	Hauling & threshing ..	8	9½	"
" ..	" ..	Threshing ..	7	9	"
Hayman Bros. ..	Willowby ..	" ..	8	9½	"
Hearn & Watts ..	Rangitata Island ..	Hauling ..	8	6½ & 10½	"
*Henderson, J. ..	Ashburton ..	Threshing ..	8	9	"
Heron, Jas. ..	Temuka ..	Threshing & hauling ..	8	9½	"
*Holland, R. ..	Flemington ..	Threshing ..	8	9	"
Hopkinson, Wm. ..	Temuka ..	Threshing & hauling ..	9	8½	"
Hopkinson Bros. ..	" ..	Threshing ..	8	9	"
*Hughes & Johnston ..	Waitohi Flat ..	" ..	8	9½	"
Hunt & Sons ..	Waimate ..	" ..	6	8	"
*Hunter, D. ..	Waimataitai ..	" ..	8	9	"
Jackson, A. G. ..	Hunter ..	Threshing & chaff-cutting ..	8	9	"
Jackson, J. ..	Timaru ..	Sawmill ..	16	14	Second class.
" ..	" ..	Flour-mill ..	30	14 & 24	First class.
" ..	" ..	" ..	25	14	Second class.
Joyce, V. ..	Ashburton ..	Chaff & firewood cutting ..	4	6	Locomotive & traction.
Kean, J. D. ..	Timaru ..	Hauling, &c. ..	8	6½ & 11	"
*Kelcher Bros. ..	Makikihi ..	Threshing ..	8	9	"
*Kellahan Bros. ..	Timaru ..	Chaff-cutting ..	7	5½ & 9½	"
Kilworth, J. T. ..	Methven ..	Threshing ..	6	6 & 10	"
*Kilworth, J. T. ..	" ..	Chaff-cutting ..	7	8½	"
King, Thos. ..	Washdyke ..	Threshing & chaff-cutting ..	7	7½	"
Kingsbury, R. H. ..	Timaru ..	Not stated ..	8	6½ & 11	"
Kirk, H. B. ..	" ..	Brick-making ..	16	14½	First class.
Knox, S. & M. ..	Ashburton ..	Hauling, &c. ..	8	6½ & 10	Locomotive & traction.
Lamb, W. ..	" ..	Threshing ..	8	6 & 10	"
*Lawrie, Mrs. Geo. ..	St. Andrew's ..	Threshing & chaff-cutting ..	8	8½	"
Love, J. H. ..	Geraldine ..	Chaff-cutting ..	6	7½	"
*Manchester, J. & T. ..	Waimate ..	Threshing ..	8	9	"
*Martin, Andrew ..	Otaio ..	" ..	8	6½ & 10½	"
Martin & Wooffington ..	Temuka ..	Threshing & hauling ..	6	8½	"
*McCormack, L. ..	Waitohi Flat ..	Threshing ..	8	9½	"
McIntyre, J. ..	Tinwald ..	Threshing, &c. ..	8	6½ & 10	"
McIntyre Bros. ..	Ashburton ..	Threshing ..	8	6½ & 10½	"
McLeod, Alex. ..	Geraldine ..	Threshing & hauling ..	8	9	"
*Meaclem, Robt. ..	Ashburton ..	Threshing ..	8	9	"
*Meaclem, Wm. ..	" ..	" ..	8	10	"
Mitchell, J. H. ..	Studholme Junction ..	" ..	8	9½	"
Morgan & Lynch ..	Chertsey ..	Hauling ..	8	6½ & 10½	"
Morris, John ..	Elgin ..	Threshing ..	8	9	"
*Moses, W. ..	Ashburton ..	" ..	8	6½ & 10½	"
*Neilson, J. P. ..	Pleasant Point ..	" ..	8	6½ & 10½	"
Nicol & Scott ..	Waimate ..	Flour-mill ..	16	9½ & 14	First class.
*Norris, R. ..	Otaio ..	Threshing ..	8	5 & 8	Locomotive & traction.
O'Donoghue, J. ..	Studholme ..	Threshing & chaff-cutting ..	6	7½	"
*Oliver, J. W. ..	Greenstreet ..	Threshing ..	9	6 & 10½	"
Orr, Thos. ..	Waitohi Flat ..	Hauling, &c. ..	8	7½ & 10	"
Palmer Bros. ..	Belfast-Orari ..	Threshing & hauling ..	8	9	"
*Pearce, John ..	Rakaia ..	Threshing ..	8	9	"
Felvin Bros. ..	Glenavy ..	" ..	8	6½ & 10½	"
" ..	" ..	" ..	9	6½ & 11½	"
" ..	Waimate ..	" ..	8	6½ & 11½	"
*Perks, Thos. ..	Ashburton ..	" ..	8	9	"
*Preddy, Geo. ..	Temuka ..	" ..	8	9	"
Preddy, Mark ..	" ..	Threshing & hauling ..	8	9½	"
*Prue, Thos. ..	Waimate ..	Threshing ..	8	9	"
Quinn, Wm. ..	Makikihi ..	Hauling & threshing ..	8	9	"
" ..	" ..	" ..	8	9	"
" ..	" ..	Threshing ..	8	9	"
" ..	" ..	" ..	8	6½ & 11½	"
Rae, James ..	St. Andrew's ..	Brick-making ..	18	9	Second class.
*Rainey, Thos. ..	Allanton ..	Hauling & threshing ..	8	9½	Locomotive & traction.
Reid & Gray ..	Timaru ..	Threshing ..	8	6½ & 11½	"
Reilly Bros. ..	Timaru ..	For sale ..	8	6½ & 10½	"
Reilly Bros. ..	Chertsey ..	Chaff-cutting ..	8	9	"
Robertson, Jno. ..	Temuka ..	Threshing & hauling ..	8	9	"

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RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required
SOUTH CANTERBURY—<i>continued.</i>					
*Ross, Wm.	Lyndhurst ..	Threshing ..	8	8½	Locomotive & traction.
Ross & McClintock	Waimate ..	Traction ..	8	6¼ & 10½	"
"	" ..	Threshing ..	8	9¾	"
"	" ..	" ..	8	9	"
*Saunders, Geo.	Pleasant Point ..	" ..	8	9	"
"	" ..	" ..	8	9	"
"	" ..	" ..	8	9	"
Saunders & Heuchan	" ..	" ..	6	8	"
*Scannel, Michael	Temuka ..	" ..	8	9¼	"
"	" ..	" ..	8	9¼	"
Scott, J.	Woodbury ..	" ..	9	9½	"
Sherratt & Gaiger	Geraldine ..	Hauling ..	9	5¼ & 9½	"
*Slee, F. J.	Waimate ..	Threshing ..	8	9¾	"
*Slee & Ruddenklau	" ..	" ..	8	9	"
*Snell, John	Rangitata Island ..	" ..	8	8½	"
*South, J. C.	Geraldine ..	" ..	8	9	"
South Canterbury Woollen-mills ..	Timaru ..	Woollen-mills ..	40	14	Second class.
*Stalker, J.	Tinwald ..	Threshing ..	8	9½	Locomotive & traction.
Stewart, Jas.	Hakataramea ..	Hauling ..	8	6½ & 11½	"
"	Temuka ..	Threshing & hauling ..	8	9½	"
Stewart & Son, J.	Chertsey ..	Hauling, &c. ..	8	8¾	"
*Stevens, W. H.	Lowcliffe-Hinds ..	Threshing ..	8	9	"
Stocker, F.	Washdyke ..	Threshing & hauling ..	8	9	"
Sutherland, Thos.	Tinwald ..	Threshing ..	8	9	"
Talbot & Lyons	Temuka ..	Hauling ..	8	6½ & 10½	"
*Taylor, Thos.	Flemington ..	Threshing ..	8	9¾	"
*Thompson, Geo.	Lyndhurst ..	" ..	8	9½	"
Thornley & Hearn	Timaru ..	Hauling, &c. ..	9	9	"
Timaru Borough Council	" ..	Road-rolling ..	5	8	"
Timaru Harbour Board	" ..	Hauling ..	33	Two 12½	"
"	" ..	" ..	33	Two 12½	"
"	" ..	" ..	15	Two 8½	"
Timaru Milling Co.	" ..	Flour-mill ..	140	16 & 26	First class.
"	" ..	" ..	30	16 & 26	"
"	" ..	" ..	30	16 & 26	"
Tiny, Michael	Peel Forest ..	Threshing ..	6	5 & 9	Locomotive & traction.
Tozer & McMaster	Temuka ..	" ..	8	9	"
*Tully, M.	Rakaia ..	" ..	8	9	"
Walker, Chas.	Geraldine ..	Threshing & hauling ..	8	9	"
Walker, Jas.	Temuka ..	" ..	8	9	"
*Ward, Thos.	Timaru ..	Threshing ..	8	9	"
*Washington, T.	Temuka ..	" ..	8	6½ & 10½	"
*Watkins Bros.	Tinwald ..	" ..	9	6¾ & 10¾	"
Westland & Timaru Saw-milling Co. ..	Timaru ..	Sawmill ..	30	12	Second class.
*White, L.	Rakaia ..	Threshing ..	8	9	Locomotive & traction.
Whitell, John	Ealing ..	Station-work ..	10	6 & 10½	"
*Wigley, R.	Pleasant Point ..	Chaff-cutting ..	6	8½	"
Wigley & Thornley	Timaru ..	General ..	8	7 & 11	"
*Willets, J. M.	Albury ..	Threshing ..	8	6½ & 10½	"
"	" ..	Hauling ..	8	9	"
"	" ..	Threshing ..	8	9	"
*Wilson, Jas.	Allandale ..	" ..	8	9	"
Wilson, Thomas	Tinwald ..	" ..	8	6½ & 10	"
Wilson & Morris	Hinds ..	" ..	8	9	"
*Winter Bros.	Timaru ..	" ..	8	6½ & 10½	"
Wooding Bros.	Woodbury ..	" ..	9	6¾ & 11½	"
"	" ..	" ..	8	8½	"
HAWKE'S BAY.					
Barry, D.	Gisborne ..	Brewery ..	18	Two 8	Second class.
Bartholomew Bros.	Matamau ..	Sawmill ..	20	12	"
Beattie, Lang, & Co.	Dannevirke ..	Creamery ..	20	8½	"
Bourke, M. F.	Tukara ..	Flax-mill ..	16	Two 9½	"
Bourke, M. F.	Riverside ..	Soap-works ..	50	Nil	"
Bridge, H. A.	Ongaonga ..	Flour-mill ..	14	12½	"
Burges, Fred.	Waipawa ..	Sawmill ..	14	Two 9	"
Butcher, H. F.	Napier ..	Steam-wagon ..	7	4 & 7	Locomotive & traction.
Carlson, H.	Onepu ..	Sawmill ..	14	Two 8½	Second class.
"	" ..	Hauling ..	8	6½ & 11½	Locomotive & traction.
"	" ..	Threshing ..	4	7¾	"
Carr, S.	Onga ..	" ..	6	8	"
Codd, Chas.	Puketapu ..	" ..	6	8	"
Cohr & Co.	Makareu ..	Sawmill ..	16	Two 9½	Second class.
Collett & Edkins	Dannevirke ..	Foundry ..	16	10	"
Crallan, Jno.	Matahiwi ..	Sawmill ..	12	Two 8½	"
Dannevirke S.M. Co.	Tamaki ..	" ..	35	Two 9¾	"
"	" ..	" ..	33	Two 9	"
Douglas, W. J.	Mahanga ..	Threshing ..	6	8 & 10	Locomotive & traction.
Gamman & Co., G. A.	Smith's Siding ..	Sawmill ..	50	17	First class.
"	Matamau ..	" ..	27	12	Second class.
"	Otangi ..	" ..	10	7 & 11	"
"	Piripiri ..	" ..	55	20	First class.
"	Tahoraite ..	" ..	20	14½	"

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RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner:	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
HAWKE'S BAY—<i>continued.</i>					
Gisborne Harbour Bd.	Gisborne	Pile-driving	26	Two 8	Second class.
Gisborne Sheep Farmers	"	Freezing	88	9 & 16, 12 & 22	First class.
"	"	"	35	9 & 16, 12 & 22	"
"	"	"	40	9 & 16, 12 & 22	"
"	"	"	35	5, 8, 6 & 6	Second class.
"	"	"	35	5, 8, 6 & 6	"
Gordon, A. L.	Dannevirke	Sash & door factory	23	12	"
"	"	"	35	13	"
Hastings Fire Brigade	Hastings	Fire-engine	8	Three 7	"
Hawke's Bay Laundry Co.	Napier	Laundry	25	7½	"
Hawke's Bay Timber Co.	Puketitiri	Sawmill	14	Two 9½	"
"	"	"	12	Two 9½	"
"	Smith's Siding	"	50	15½	First class.
"	Taboraite	"	50	16½	"
Hawke's Bay Woollen-factory	Napier	Woollen-mills	20	Nil	Second class.
Heretaunga D. Co.	Mahora	Butter-factory	20	9	"
Holt, R.	Napier	Sawmill	40	22	First class.
"	"	"	20	22	"
"	"	"	25	22	"
"	Piripiri	"	40	16	"
Kennedy & Co., C.	Napier	Sand-pumping	25	12 & 22	"
Knight, A. C.	Oringi	Sawmill	50	16	"
Larsen, A. B.	Dannevirke	"	12	Two 8½	Second class.
Lloyd, J. G.	Mangatera	"	38	14	"
"	"	"	16	Two 9	"
Mackrell & Colley	Gisborne	"	18	13½	"
Manson & Co.	Eva Tree	"	8	6½ & 11½	"
"	Tikokino	"	35	12	"
Manson & Tuck	"	"	12	Two 8½	"
McAlley	Ngapairuru	Flax-mill	12	Two 8½	"
McDonald Bros.	Pukahu	Threshing	6	6 & 11	Locomotive & traction.
Morrison Bros.	Makotuku	Sawmill	12	Two 8½	Second class.
Napier City Council	Napier	Pumping	40	21 & 42	First class.
"	"	"	100	21, 40, 10, & 17½	"
Napier Harbour Board	"	Hauling	8	Two 6	Locomotive & traction.
"	"	"	6	8	"
Neilson, C. C.	Dannevirke	Hauling & threshing	6	8	"
"	"	Threshing	6	5½ & 9	"
Nelson Bros.	Gisborne	Freezing	50	12, 13, & 25	First class.
"	"	"	50	12, 13, & 25	"
"	"	"	50	12, 13, & 25	"
"	"	"	43	12, 13, & 25	"
"	"	"	43	12, 13, & 25	"
"	Tomoana	"	90	19, 28, 18, & 30½	"
"	"	"	90	19, 28, 18, & 30½	"
"	"	"	90	19, 28, 18, & 30½	"
"	"	"	90	19, 28, 18, & 30½	"
"	"	"	90	19, 28, 18, & 30½	"
"	"	"	90	19, 28, 18, & 30½	"
"	Woodville	Bacon-factory	25	21	"
"	"	"	25	21	"
Newbiggen, E.	Hastings	Brewery	20	6	Second class.
Newrick, M.	"	Threshing	8	6½ & 11	Locomotive & traction.
Niven & Co., J. J.	Spit	Foundry	20	10	Second class.
"	"	"	20	10	"
North British & Hawke's Bay Freezing Co.	Western Spit	Freezing	50	19 & 28	First class.
Ditto	"	"	50	19, 28, 12, & 22	"
"	"	"	50	19, 28, 12, & 22	"
"	"	"	30	Nil	Second class.
Nuhaka Co-op. Dairy Co.	Nuhaka	Dairy factory	17	8	Second class.
Palmerston North Sash & Door Co.	Karatahi	Sawmill	45	16	First class.
"	"	"	45	16	"
"	Matamau	"	50	14	Second class.
Patterson & Mossman	Petane	Manure-works	20	9	"
Peddie, J. W.	Pohui	Sawmill	16	Two 6	"

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
HAWKE'S BAY—<i>continued.</i>					
Pepper, Thos.
Pepper, Thos.
Pilcher, Alf.
Pilcher, F.
Powdrell Bros.
Prebble, J. & W.
Price, C. T.
Ramsay, Wm.
Robjohn & Sons
Ruahine Sawmill Co.
Sands, Geo.
Saunders, Gilbert, & Co.
Seifert, A.
Sykes, Geo.
Tiratu Planing-mill
Tiratu Timber Co.
"
"
Toogood, W.
Umutaora Sawmill Co.
Union Timber Co.
Walker, George
Weber Totara Sawmill Co.
*Willan, J.
Williams, J. N.
Williams & Kettle
Winiata, T. K.
MARLBOROUGH.					
Alpine Gold-dredging Co.
Attwood, G. H.
Barnes, F.
Blenheim Fire Brigade
Brownlee & Co.
"
"
Cates, W.
Chaytor, J. C.
Chaytor, John
Christchurch Meat Co.
"
"
Dodson, L.
Fairhall, E.
Fawcett & Climo
Freeth, A.
Golden Point Gold-dredging Co.
Healey, Jno., jun.
Healey Bros.
*Jackson, A. W.
*Jones, Wm.
Jones and Holdaway
Kenepuru Sawmill Co.
Langesen, W. L.
Litchfield, A. J.
"
"
Muggeridge Bros.
Patchet, John
Patchet & Sons, John
Pike, W. D. & T.
"
"
Redwood Bros.
Robertson Bros.
Roakrudge, F.
Smart Bros.
"
Sutton, C.
Wairau Flour-mills
Wellington & Marlborough Lime & Cement Co.
Ditto
White, C.

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—continued.

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
NORTH NELSON DISTRICT.					
Anchor Foundry & Shipping Co. ..	The Port ..	Foundry ..	23	9 & 6	Second class.
Baigent, Hy.	Nelson ..	Sash & door factory ..	23	10	"
"	Pigeon Valley ..	Sawmill ..	25	13	"
Baigent, H. & T.	Upper Takaka ..	" ..	14	Two 9½	"
*Challies Bros.	Appleby ..	Threshing & chaff-cutting ..	8	5 & 8½	Locomotive & traction.
Coleman Bros.	Upper Motupiko ..	Threshing ..	8	9	"
Croucher, J. M.	Richmond ..	Flour-mill ..	25	Two 8	Second class.
Currinet	Wai-iti ..	Sawmill ..	28	10½	"
Currin, Francis	Riwaka ..	" ..	20	10½	"
Dodson & Sons, J. R. ..	Nelson ..	Brewery ..	20	6	"
Ellis, Robt.	Motupiko ..	Road-wagon ..	7½	4 & 7	Locomotive & traction.
Eves Bros.	Trass Valley ..	Sawmill ..	14	Two 8½	Second class.
Golden Bay Dairy Co. ..	Takaka ..	Dairy ..	17	8½	"
Grant, Wm.	Bonnie Doon ..	Sawmill ..	20	Two 8½	"
"	" ..	" ..	12	Two 8½	"
"	" ..	" ..	40	9½	"
"	Collingwood ..	Hauling ..	6	8	Locomotive & traction.
"	Rockville ..	Idle ..	16	Nil	Second class.
Griffen & Sons	Nelson ..	Biscuit-factory ..	20	6 & 14	First class.
Hall, George	Takaka ..	Hauling ..	6	Two 5	Locomotive & traction.
Hewetson, Thos.	Upper Moutere ..	Threshing, &c. ..	5	5½ & 7½	"
Hewetson & Senior	Motueka ..	Sawmill ..	20	10	Second class.
Hyland & Kirk	Takaka ..	" ..	16	10	"
Kaituna Gold-dredging Co. ..	Kaituna ..	Gold-dredging ..	30	7 & 11	Three second class when working three shifts.
Kirkpatrick & Co., S.	Nelson ..	Jam-factory, &c. ..	50	Two 6 & one 9	Second class.
Miller, A.	Motueka ..	Sawmill ..	16	8½	"
Nelson City Council	Nelson ..	Gas-making ..	16	10	"
"	" ..	Road-rolling ..	6	8	Locomotive & traction.
Nelson Harbour Board	" ..	Dredging ..	55	20 & 36	First class.
"	" ..	" ..	55	20 & 36	"
Puponga Coal Co.	Puponga ..	Hauling ..	8	Two 7	Locomotive & traction.
"	" ..	" ..	40	Two 7 & 9	Second class.
Reilly, W. J.	Long Plain ..	Sawmill ..	14	Two 9½	"
Richards, J. H.	Collingwood ..	Flax-mill ..	17	10	"
Robertson Bros.	Nelson ..	Sash & door factory ..	30	12	"
Satherley, S. & M.	Appleby ..	Threshing chaff, & firewood ..	6	8	Locomotive & traction.
Schwass, H. H.	Hope ..	Threshing, &c. ..	6	8	"
Slate River Gold-dredging Co. ..	Rockville ..	Gold-dredging ..	18	8 & 12½	First class & two second class when working three shifts.
Snowden, J. T.	Brightwater ..	Threshing, &c. ..	6	8	Locomotive & traction.
"	" ..	Threshing ..	8	8	"
Thomas & Holland	Pretty Bridge Valley ..	Sawmill ..	12	Two 9	Second class.
Trustees Scott Estate	Nelson ..	Sash & door factory ..	16	8½	"
Tunnicliff, Hy.	Wai-iti ..	Threshing & saw-milling ..	6	8	Locomotive & traction.
Walker, J. H.	Takaka ..	Coach-factory ..	16	8½	Second class.
Walker Bros. & Co.	Bainham ..	Sawmill ..	20	12½	"
Wangapeka Gold-dredging Co. ..	Nelson ..	Gold-dredging ..	27	7 & 11	Three second class when working three shifts.
Webby, G. E.	Richmond ..	Hauling ..	6	8	Locomotive & traction.
NELSON SOUTH DISTRICT.					
A1 Gold-dredging Co.	Redman's Creek ..	Gold-dredging ..	20	7 & 11½	Three second class when working three shifts.
Bellevue Gold-dredging Co.	Matakitaki ..	" ..	43	9 & 15	First class & two second class when working three shifts.
Big River Gold-mining Co.	Big River ..	Winding ..	14	Two 8½	Winding.
Blackball Coal Co.	Blackball ..	Coal-mining ..	20	Two 15, 8, 6, & 6	First class.
"	" ..	Hauling ..	20	Two 15	Winding.
"	" ..	Dynamo ..	20	12	Second class.
Bowater & Bryan	Cape Foulwind ..	Sawmill ..	25	17½	First class.
"	Westport ..	" ..	30	13	Second class.
Buller Junction Gold-dredging Co. ..	Inangahua ..	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
Callaghan's Creek Gold-dredging Co. ..	Callaghan's Creek ..	" ..	20	7 & 14	Ditto.
Consolidated Goldfields Mining Co. ..	Black's Point ..	Crushing ..	50	22 & three 14	First class.
"	" ..	" ..	60	22 & three 14	"

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
NELSON SOUTH DISTRICT— <i>continued.</i>					
Consolidated Goldfields Mining Co.	Black's Point ..	Crushing ..	60	22 & three 14	First-class.
"	Energetic Mine	Winding and air compressing	50	13 & two 18	Winding & second class.
Dellavedova & Hansen ..	Specimen Hill	Crushing ..	30	Two 7½	Second class.
"	Three-channel Flat	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
Donovan & Party Gold-dredging Co.	Boatman's Creek	" ..	20	8 & 12½	Ditto.
Exploration Timber Co. ..	Mokihinui ..	Winch ..	20	Two 6	Second class.
Fern Flat Gold-dredging Co. ..	Fern Flat ..	Gold-dredging ..	30	7 & 11	Three second class when working three shifts
Garibaldi Gold-dredging Co. ..	Moonlight ..	" ..	25	9 & 13	First class & two second class when working three shifts.
Greymouth Harbour Board ..	Cobden ..	Locomotive ..	15	Two 10	Locomotive & traction.
Gilbert Machinery Co. ..	Ngakawa ..	Idle ..	20	7 & 11	Second class.
Greymouth-Point Elizabeth Coal Co.	Brunnerton ..	Coal-mining ..	60	Two 12 & 20	First class.
"	" ..	" ..	60	Two 12 & 20	"
"	" ..	" ..	35	Two 12 & 20	"
"	" ..	" ..	35	Two 12 & 20	"
Hansen & Party Gold-dredging Co.	Berlin's ..	Gold-dredging ..	30	8½ & 15½	First class & two second class when working three shifts.
Jamieson's Reward Gold-dredging Co.	Nelson Creek ..	" ..	25	8 & 12½	"
Keep-it-Dark Gold mining Co.	Crushington ..	Winding ..	25	Two 11	Winding.
Kingswell, P. N. ..	Inglewood ..	Crushing ..	15	14½	Second class.
Kohi Kohi Gold-dredging Co. ..	Matakitaki River	Gold-dredging ..	30	8 & 12½	First class & two second class when working three shifts.
Lockington, E. ..	Waitabu ..	Hauling ..	8	10	Locomotive & traction.
Marris, J. & S. ..	St. Helen's ..	Sawmill ..	28	14	Second class.
Marris, W. & J. ..	Westport ..	" ..	30	10 & 9	"
"	" ..	" ..	30	10 & 8½	"
McGregor, E. ..	Birchfield ..	Gold-dredging ..	20	10 & two 6½	Three second class when working three shifts.
Mokoia Gold-dredging Co. ..	Three-channel Flat	" ..	30	8 & 12½	First class & two second class when working three shifts.
Moonlight Gold dredging Co. ..	Moonlight ..	" ..	20	8 & 13	Ditto.
New Fedderson's Gold-dredging Co.	Lyell ..	" ..	16	8 & 12½	"
New Inkerman Mines Co. . .	Merrijigs ..	Air-compressing ..	10	12½ & two 11	"
"	Rainy Creek ..	" ..	20	12 & two 15	"
"	" ..	Crushing ..	20	12 & two 15	"
New Scotia Gold-mining Co. ..	Merrijigs ..	" ..	30	Two 11	"
"	" ..	Winding ..	20	Two 7	Winding.
New Zealand Government State Coal-mines	Coal Creek ..	Sawmill ..	20	7 & 11½	Exempt under section 63 "Inspection of Machinery Act, 1902."
Ditto ..	" ..	Winding ..	49	Two 9 & 10	Ditto.
"	" ..	Driving fan ..	49	Two 10	"
"	Seddonville ..	Hauling ..	60	15	"
North Beach Gold-dredging Co. ..	North Beach ..	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
No Town No. 1 Gold-dredging Co. . .	No Town ..	" ..	20	8 & 12½	"
Porter & Walker ..	Karamea ..	Saw-mill ..	28	14½	"
Progress Gold-mining Co. . .	Globe Hill ..	Winding ..	20	Two 11	Winding.
"	" ..	Winding & air-compressing ..	85	Two 16 & two 14	First class & winding.
"	" ..	Ditto ..	85	Two 16 & two 14	"
Reeves Proprietary Gold-dredging Co.	Capleston ..	Gold-dredging ..	16	7 & 11½	Three second class when working three shifts.
"	" ..	" ..	20	8 & 12½	First class & two second class when working three shifts.
Rocklands Beach Gold-dredging Co.	Rocklands ..	" ..	28	8 & 12½	Ditto.
Tyneside Proprietary ..	Brunnerton ..	Winding & pumping	32	Two 8½ & two 9	Winding & second class.
"	" ..	" ..	20	Two 8½ & two 9	"

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RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
NELSON SOUTH DISTRICT—<i>continued.</i>					
Tyneside Proprietary	Brunnerton	Pumping	25'	Two 8½ & two 9	Second class.
Waimangaroa Gold-dredging Co. ..	Waimangaroa..	Gold dredging	16	7 & 11	Three second class when working three shifts.
Welcome Syndicate Gold-dredging Co.	Inangahua	"	20	8 & 12½	First class & two second class when working three shifts.
Westport Coal Co.	Brakehead	Hauling	84	12, 12, 16, 20	First class.
"	"	"	84	12, 12, 16, 20	"
"	Cascade	"	10	Two 8, two 12	"
"	"	"	10	Two 8, two 12	"
"	"	"	10	Two 8, two 12	"
"	Cascade No. 1..	"	10	Two 8, two 12	"
"	Coalbrookdale..	Air-compressing	80	12 & two 14½	"
"	"	"	80	12 & two 14½	"
"	Denniston	Hauling & pumping	80	12, 12, 16, 20	"
"	"	"	80	12, 12, 16, 20	"
"	"	Electric light	30	Two 12½	"
"	"	Hauling	30	20	"
"	"	"	30	20	"
"	Iron Bridge	"	86	10 & 16	"
"	Kiwi	Air-compressing	50	12 & three 14½	"
"	"	"	50	12 & three 14½	"
"	"	"	25	12 & three 14½	"
"	Millerton	"	10	8 & 14½	"
"	"	"	10	8 & 14½	"
"	"	"	10	8 & 14½	"
"	"	"	10	8 & 14½	"
"	Mine Creek	"	86	20, 6½, & four 14½	"
"	"	"	55	20, 6½, & four 14½	"
"	"	"	55	20, 6½, & four 14½	"
"	"	"	55	20, 6½, & four 14½	"
Westport Harbour Board	Westport	Steam-crane	10	Two 9	Second class.
"	"	25-ton crane	9	Two 9	"
"	"	Hauling	30	Two 10 ¹ / ₈	Locomotive & traction.
"	"	"	20	Two 9 ¹ / ₈	"
"	"	"	20	Two 9 ¹ / ₈	"
"	Foulwind to Westport	"	35	Two 10 ¹ / ₈	"
OTAGO.					
Alexandra Coal Co.	Alexandra	Winding	20	Two 7	Winding.
Alexandra Eureka Gold-dredging Co.	"	Gold-dredging	20	8 & 12½	First class & two second class, when working three shifts.
"	"	"	18	7½ & 11½	Three second class, when working three shifts.
Alexandra Lead Gold-dredging Co. ..	"	"	25	10 & 16	First class & two second class, when working three shifts.
Allandale Coal Co.	Allandale	Hauling	16	Two 9½	Second class.
"	"	"	16	Two 10	Locomotive & traction.
"	"	Winding	28	Two 10	Winding.
"	"	"	20	Two 10	"
*Allison & Hassett	Southbridge	Threshing	8	9	Locomotion & traction.
Alpine Gold-dredging Co. (No. 2) ..	Cromwell	Gold-dredging	20	8 & 12½	First class & two second class, when working three shifts.
Anderson, A.	Balclutha	For sale	8	9	Locomotive & traction.
Ardmore Gold dredging Co.	Scrubby Flat ..	Gold-dredging	20	9 & 13	First class & two second class, when working three shifts.
Ashburn Hall Co.	Waikare	Heating	17	Nil	Second class.
Bailey, John	Burnside	For sale	20	14½	First class.

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RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

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OTAGO— <i>continued.</i>					
Barewood Phoenix Mining Syndicate	Barewood ..	Winding ..	10	Two 8	Winding.
Bauchop & Co. ..	Port Chalmers ..	Sawmill ..	28	13½	Second class.
Bayley, Jno. ..	Burnside ..	Tannery ..	25	14½	First class.
Begg & Co., Thos. ..	Anderson's Bay ..	Brick-making ..	25	10 & 16	"
*Brown, G. C. ..	Warepa ..	Threshing ..	8	9	Locomotive & traction.
Brown, Jno. ..	Mosgiel ..	" ..	6	8	"
*Brown, M. ..	" ..	" ..	8	8½	"
*Bruce, Jno. ..	Allanton ..	" ..	6	8	"
Bruce Woollen-mills ..	Milton ..	Woollen-mills ..	159	12 & 21	First class.
Buchanan, W. ..	Evan's Flat ..	Hauling ..	8	9	Locomotion & traction.
Burt, A. & T. ..	Dunedin ..	Machine tools ..	30	19½	First class.
" ..	" ..	" ..	30	18½	"
Camperdown Gold-dredging Co. ..	Greenvale ..	Gold-dredging ..	12	7 & 13	First class & two second class, when working three shifts.
Central Foundry ..	Alexandra ..	Machine tools ..	16	8	Second class.
Chalmers, Robert ..	Oamaru ..	Threshing ..	8	9	Locomotion & traction.
Chatto Creek Gold-dredging Co. ..	Alexandra ..	Gold-dredging ..	16	7½ & 11½	Three second class, when working three shifts.
Chicago Gold-dredging Co. ..	Alexandra ..	Gold-dredging ..	18	8½ & 16	First class & two second class, when working three shifts.
" ..	(No. 2) ..	" ..	20	8 & 12½	Ditto.
*Christie, Thos. ..	Allanton ..	Threshing ..	6	8	Locomotive & traction.
" ..	" ..	" ..	6	8	"
Clark Bros. ..	Maheno ..	" ..	8	9	"
" ..	" ..	" ..	8	9	"
" ..	" ..	" ..	6	8	"
" ..	" ..	Hauling ..	9	5½ & 8	"
Clark's Laundry ..	N. E. Valley ..	Laundry ..	16	8	Second class.
Clyde Gold-dredging Co. (No. 2) ..	Alexandra ..	Gold-dredging ..	26	9 & 14	First class & two second class, when working three shifts.
Clutha River Gold-dredging Co. ..	Clyde ..	" ..	20	8 & 12½	Ditto.
*Collis, E. H. ..	Oamaru ..	Threshing ..	8	9	Locomotive & traction.
Cossens & Black ..	Dunedin ..	Machine-shop ..	25	11	Second class.
*Cowie Bros. ..	Milton ..	Threshing ..	8	9	Locomotive & traction.
*Crane, Thos. ..	Waihola ..	" ..	8	6 & 10	"
Craig & Co., Jas. ..	Oamaru ..	Sawmill ..	20	14	Second class.
Crown Roller Milling Co. ..	Dunedin ..	Flour-mill ..	40	14 & 24	First class.
*Crossan, H. R. ..	Kelso ..	Threshing ..	8	8½	Locomotive & traction.
*Crossan, H. ..	" ..	" ..	8	9	"
*Crossan Bros. ..	Kelso ..	Threshing ..	7	8½	Locomotive & traction.
Davis Bend Gold-dredging Co. ..	Alexandra ..	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
" ..	No. 2 ..	" ..	20	7 & 11½	Three second class when working three shifts.
Dawson & McKechnie ..	Ratanai ..	Sawmill ..	20	10	Second class.
Denton Hat-mills ..	Dunedin ..	Hat-factory ..	50	6	"
*Dewar, William ..	Totara ..	Threshing ..	8	9	Locomotive & traction.
Donaghy's Rope-works ..	Dunedin ..	Rope-works ..	40	16 & 28	First class.
Donaldson, W. & G. ..	Macrae's ..	Quartz-crushing ..	14	6½ & 11	Second class.
Dunedin Abattoirs Co. ..	Burnside ..	Boiling blood ..	25	Nil	"
Dunedin Corporation ..	Dunedin ..	Road-roller ..	6	6 & 10	Locomotive & traction.
" ..	" ..	Electric trams ..	95	13 & 22	First class.
" ..	" ..	" ..	95	13 & 22	"
" ..	" ..	" ..	95	13 & 22	"
" ..	" ..	Gas-works ..	40	Two 5½	Second class.
" ..	" ..	" ..	40	Two 5½	"
" ..	" ..	Hauling at gas-works ..	15	Two 8	Locomotive & traction.
" ..	Kensington Gas-works ..	Hauling ..	10	Two 7	"
" ..	Woodhaugh ..	Stone-crushing ..	16	Two 10	Second class.
Dunedin Engineering Foundry Co. ..	Dunedin ..	Foundry ..	72	10	"
Dunedin Hospital ..	" ..	Heating & laundry ..	56	7	"
Dunedin & Kaikorai Tram Co. ..	" ..	Hauling ..	48	14½	First class.
" ..	Kaikorai ..	" ..	25	14½	"
Dunedin & Roslyn Tramway Co. ..	Roslyn ..	" ..	25	11 & 22	"
" ..	" ..	" ..	25	11 & 22	"
Dunedin Timber & Hardware Co. ..	Dunedin ..	Sawmill ..	25	15½	"
Dunstan Lead Gold-dredging Co. ..	Clyde ..	Gold-dredging ..	46	9 & 14	First class & two second class when working three shifts.
Ellis & Co., E. ..	Kaikorai Valley ..	Flock-mill ..	28	10½	Second class.
Ellis, J. ..	Kensington ..	For sale ..	16	Nil	"
Empire Gold-dredging Co. No 1 ..	Waipori ..	Gold-dredging ..	16	7 & 11½	Three second class when working three shifts.
" ..	No. 2 ..	" ..	16	7½ & 11½	Ditto.
Enfield Gold-dredging Co. ..	" ..	" ..	16	6½ & 12	Three second class when working three shifts.

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RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

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<i>OTAGO—continued.</i>					
Enterprise Gold-dredging Co. No. 1	Alexandra ..	Gold-dredging ..	14	8½ & 16	First class & two second class when working three shifts.
" " No. 2	" ..	" ..	16	9 & 13	Ditto.
Earnsleugh Gold-dredging Co. No. 1	" ..	" ..	16	7 & 11	Three second class when working three shifts.
" " No. 2	" ..	" ..	16	9 & 14	First class & two second class when working three shifts.
" " No. 3	" ..	" ..	16	9 & 14	Ditto.
Ettrick Gold-dredging Co. ..	Roxburgh ..	" ..	20	9 & 14	"
* Falconer, James ..	Mahino ..	Threshing ..	8	9	Locomotive & traction.
Fergusson & Mitchell ..	Woodhaugh ..	Paper-mills ..	80	14 & 25	First class.
" " ..	" ..	" ..	25	14 & 25	"
" " ..	" ..	" ..	30	14 & 25	"
First Chance Gold-dredging Co. ..	Alexandra ..	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
Fortification Coal Co. ..	Milton ..	Hauling ..	20	Two 9½	Locomotive & traction.
Gabriel's Gold-dredging Co. ..	Tuapeka Creek ..	Gold-dredging ..	16	7 & 11½	Three second class when working three shifts.
* Geddis, J. ..	Palmerston ..	Threshing ..	6	9½	Locomotive & traction.
Gibson, J. ..	Ashley Downs ..	Hauling ..	8	9	"
Gold King Gold-dredging Co. No. 1	Roxburgh ..	Gold-dredging ..	38	9 & 14	First class & two second class when working three shifts.
" " No. 2	" ..	" ..	36	9 & 14	Ditto.
" " No. 3	" ..	" ..	30	9 & 14	"
Golden Bank Gold-dredging Co. ..	Glenore ..	Gold-dredging ..	18	8 & 13	First class & two second class when working three shifts.
Golden Beach Gold-dredging Co. ..	Alexandra ..	" ..	16	9 & 13	Ditto.
Golden Bed Gold-dredging Co. ..	Roxburgh ..	" ..	30	9 & 14	"
Golden Gate Gold-dredging Co. ..	Miller's Flat ..	" ..	16	7½ & 12½	"
Golden Gravel Gold-dredging Co. ..	Beaumont ..	" ..	20	7½ & 11	Three second class when working three shifts.
Golden River Gold-dredging Co. ..	Alexandra ..	" ..	25	8 & 12½	First class & two second class when working three shifts.
Golden Run Gold-dredging Co. ..	Miller's Flat ..	" ..	40	10 & 16	Ditto.
Golden Shore Gold-dredging Co. ..	Waipori ..	" ..	16	8 & 16	"
Golden Treasure Gold-dredging Co. ..	Roxburgh ..	" ..	30	8 & 12½	"
Gordon Gold-dredging Co. ..	Waitahuna ..	" ..	20	8 & 13	"
Gore, C. & W. ..	Wingatui ..	Brick-making ..	25	14½	First class.
Gow, J. C. ..	Palmerston ..	Flour-mill ..	16	11	Second class.
* Graham, Wm. ..	Kakanui ..	Threshing ..	6	8	Locomotive & traction.
* Grant, Chas. ..	Otake ..	" ..	8	9	"
Gregg & Co., Wm. ..	Pelichet Bay ..	Starch-factory ..	18	9½	Second class.
Grogan & Party ..	Miller's Flat ..	Gold-dredging ..	14	8 & 13	First class & two second class when working three shifts.
* Hall, A. ..	Ngapara ..	Threshing ..	8	9	Locomotive & traction.
* Hamilton, H. ..	Milton ..	" ..	8	9	"
* Hamilton, J. ..	Palmerston ..	" ..	6	7½	"
Happy Valley Gold-dredging Co. ..	Tuapeka Creek ..	Gold-dredging ..	14	7 & 11	Three second class when working three shifts.
Harraway & Co., H. ..	Burnside ..	Flour-mill ..	40	16	First class.
* Harris, S. ..	Kyeburn ..	Threshing ..	8	9	Locomotive & traction.
Hartley & Riley Gold-dredging Co. ..	Cromwell ..	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
Havelock Gold-dredging Co. ..	Waitahuna ..	" ..	16	7½ & 11	Three second class when working three shifts.
Heenan, Mrs. ..	Maungatua ..	General ..	7	8½	Locomotive & traction.
* Hill & Frame ..	Herbert ..	Threshing ..	8	9	"
" " ..	Otepopo ..	" ..	8	9	"
Hudson & Co. ..	Dunedin ..	Biscuit-factory ..	25	10 & 17	First class.
" " ..	" ..	Flour-mill ..	18	11	Second class.
Imperial Gold-dredging Co. ..	Waitahuna ..	Gold-dredging ..	14	7½ & 11½	Three second class when working three shifts.
Inch Dale Gold-dredging Co. ..	Inch Valley ..	" ..	16	7 & 11	Ditto.
Inch Valley Gold-dredging Co. ..	" ..	" ..	16	7 & 11	"
Inch Valley Railway ..	Palmerston ..	Hauling ..	30	8	Second class.
Irvine & Stevenson ..	Dunedin ..	Meat-preserving ..	20	9	"
" " ..	Henley ..	Steaming ..	30	Nil	"
" " ..	Wingatui ..	Meat-preserving ..	18	Two 7	"
Island Block Gold-dredging Co. ..	Island Block ..	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
* Jenkins, Thos. ..	Kelso ..	Threshing ..	8	9	Locomotion & traction.
* Jenkins, Son, & Co. ..	" ..	" ..	6	8½	"
Joel, M. ..	Dunedin ..	Brewing ..	20	8	Second class.
Jones, Geo. ..	Milton ..	Brick-making ..	18	14	"

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Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
<i>OTAGO—continued.</i>					
Jones, Thos.	Papakao	Threshing	8	9	Locomotion & traction.
Jubilee Gold-dredging Co.	Roxburgh	Gold-dredging	38	9 & 14	First class & two second class when working three shifts.
Junction Electric Gold-dredging Co. No. 2	Cromwell	"	20	7 & 11½	Second class (three) when working three shifts.
Kaitangata Coal & Oil Co.	Kaitangata	Hauling	16	Two 30	First class.
Kemphorne, Prosser, & Co.	Dunedin	Chemical-works	20	8½	Second class.
"	Burnside	"	16	12 & 20	First class.
"	"	Manure grinding	80	12 & 20	"
Keppel Bros.	"	Flax-mill	12	Two 8½	Second class.
*Kinloch, Wm.	Akatore	Threshing	8	6½ & 10½	Locomotive & traction.
*Kirkland, Wm.	Windsor	"	6	6 & 10	"
"	Mosgiel	"	6	5½ & 10	"
"	Taieri	"	6	6 & 10½	"
*Koppert, H.	Herbert	"	8	9	"
Lady Annie Gold-dredging Co.	Alexandra	Gold-dredging	20	8 & 12½	First class & two second class when working three shifts.
Lady Roxburgh Gold-dredging Co.	Roxburgh	Gold-dredging	20	9 & 14	Ditto.
Lambert, J. H.	Kensington	Pottery	16	8 & 12½	First class.
Latta Bros.	Owaka	Sawmill	16	Two 10	Second class.
*Law, J., jun.	Ranfurlly	Threshing	8	9	Locomotive & traction.
Lawrence Gold-dredging Co.	Tuapeka Creek	Gold-dredging	12	7 & 11½	Three second class when working three shifts.
*Leask, W.	Ophir	Threshing	6	8	Locomotive & traction.
Ledingham, G.	North Otago	Hauling	8	6½ & 10½	"
*Ledingham, G., jun.	Georgetown	Threshing	8	9	"
Ledingham, H.	Awamoko	"	8	9	"
*Leslie, Alex.	Glenledi	"	8	9	"
Lett, S. T.	Alexandra	Coal-mine	16	Two 6	Second class.
Lovell's Flat Coal Co.	Lovell's Flat	Winding	16	16	Winding.
"	"	"	20	16	"
"	"	Hauling	12	Two 8	Locomotive & traction.
Majestic Gold-dredging Co.	Roxburgh	Gold-dredging	20	8 & 12½	First class & two second class when working three shifts.
Manuherikai Gold-dredging Co.	Alexandra	"	39	9 & 14	Ditto.
Matau Gold-dredging Co.	Clyde	"	20	8 & 12½	"
Maungatua Drainage Board	Maungatua	Pumping	16	Two 11	First class.
McCallum and Co.	Oamaru	Sawmill	27	15	"
*McCulloch, Thos.	Ngapara	Threshing	8	9	Locomotive & traction.
*McDonald, G.	Maungatua	"	8	9	"
*McDonald, John	Balclutha	"	8	9	"
McDonald, J., jun.	Middlemarch	"	8	9	"
McGavin & Co.	North Dunedin	Brewing	20	8	Second class.
McGeorge Bros.	Chatto Creek	Gold-dredging	20	8 & 12½	First class & two second class when working three shifts.
McGill, Peter	Milton	Flour-mill	25	12 & 22	First class.
McGregor, J.	Dunedin	Foundry	45	8	Second class.
*McKay, Wm.	Waikoikoi	Threshing	8	9	Locomotive & traction.
*McKenzie & Leonard	Balclutha	"	8	9	"
"	"	"	8	9	"
McLeod Bros.	Dunedin	Candle-making	25	5	Second class.
"	"	"	25	12	"
"	"	Soap-making	20	12	"
McNiel & Party Gold-dredging Co.	Waipori	Gold-dredging	14	6½ & 10½	Three second class when working three shifts.
*McPherson, J. A.	Ngapara	Threshing	8	9	Locomotive & traction.
"	"	"	8	9	"
McSkimming, P., & Co.	Benhar	Pipe-making	20	Two 8½	Second class.
Meek, J. & T.	Oamaru	Flour-mill	43	9 & 20	First class.
Michaelis, Hallenstein, and Farquhar	Sawyer's Bay	Tannery	30	12	Second class.
Milburn Lime & Cement Co.	Dunedin	Cement-works	16	8	"
"	"	"	40	14 & 25	First class.
Milligan & Bond	Ngapara	Flour-mill	16	12	Second class.
*Milmine, Jas.	Weston	Threshing	8	9	Locomotive & traction.
Molyneux Hydraulic Gold-dredging Co.	Alexandra	Gold-dredging	18	8 & 12½	First class & two second class when working three shifts.
Molyneux-Kohinoor Gold-dredging Co.	Roxburgh	"	39	9 & 14	Ditto.
Monte Christo Gold-dredging Co.	Cromwell	"	20	8 & 12½	"
Morning Star Gold-dredging Co.	Alexandra	"	17	10 & 19	"
Mornington Borough Council	Dunedin	Hauling	50	Two 13	First class.
Mornington Borough Council Tramway Co.	"	"	16	Two 13	"
Ditto	"	"	16	Two 13	"
Mosgiel Woollen Factory Co.	Mosgiel	Woollen-mills	82	16½ & 30	"
"	"	"	18	16½ & 30	"

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of boiler.	Diameter of Cylinders of Engines, in inches.	Class of Driver required.
<i>OTAGO—continued.</i>					
Mosgiel Woollen Factory Co.	Mosgiel	Woollen-mills	18	16½ & 30	First class.
"	"	"	18	16½ & 30	"
"	"	"	30	16½ & 30	"
*Muller, D.	Allanton	Threshing	8	9	Locomotive & traction.
Murdoch, Jno., & Co.	Dunedin	Sawmill	25	Two 16	First class.
"	"	"	25	Two 16	"
"	"	"	25	Two 16	"
"	"	"	25	Two 16	"
*Murray, Roberts, & Co.	Middlemarch	Threshing	8	9	Locomotive & traction.
*Nankivell, E. H.	Waikouaiti	"	8	9	"
Naumai Gold-dredging Co.	Kyeburn	Gold-dredging	20	8 & 12½	First class & two second class when working three shifts.
New Alpine Consols Gold-dredging Co.	Cromwell	"	20	8 & 12½	Ditto.
New Bendigo Gold-dredging Co.	Alexandra	"	20	8 & 12½	"
*Newbigging, Jas.	Milton	Threshing	8	9	Locomotive & traction.
New Half-way House Gold-dredging Co.	Cromwell	Gold-dredging	20	8 & 12½	First class & two second class when working three shifts.
New Fourteen-mile Beach Gold-dredging Co.	Fourteen-mile Beach	"	38	8 & 12½	Ditto.
N.Z. Coal & Oil Co.	Castle Hill	Hauling	50	Two 20	First class.
"	Kaitangata	"	18	Two 9½	Locomotive & traction.
"	"	"	20	Two 10½	"
"	"	"	20	Two 30	First class.
"	"	"	23	Two 30	"
"	"	"	25	Two 30	"
"	"	"	25	Two 30	"
"	Castle Hill	"	50	Two 20	"
"	Kaitangata	Air-fan	16	10	Second class.
N.Z. Government Seacliff Asylum	Seacliff	Electric light	48	9 & 13	Exempt under section 63, "Inspection of Machinery Act, 1902."
"	"	"	43	9 & 13	Ditto.
N.Z. Refrigerating Co.	Burnside	Freezing	80	12 & 22	First class.
"	"	"	80	12 & 22	"
"	Oamaru	"	45	11 & 20	"
"	"	"	45	11 & 20	"
N.Z. Trust & Loan Co.	Henley	Pumping	10	7 & 13½	"
Ngapara Extended Gold-dredging Co.	Alexandra	Gold-dredging	20	8 & 12½	First class & two second class when working three shifts.
Ngapara Gold-dredging Co.	"	"	22	8½ & 12½	Ditto.
Oamaru Woollen Co.	Oamaru	Woollen-mills	60	15 & 27	First class.
"	"	"	60	15 & 27	"
Oceanic Gold-dredging Co.	Waipori	Gold-dredging	16	11½	Three second class when working three shifts.
Olrig Gold-dredging Co.	Alexandra	"	20	8 & 12½	First class & two second class when working three shifts.
Otago Dock Trust	Port Chalmers	Freezing	30	9 & 15	First class.
"	"	"	30	9 & 15	"
"	"	Pumping	18	12	Second class.
"	"	"	18	12	"
Otago Fat and Tallow Co.	Burnside	Steaming	18	4	"
Otago Gold-dredging Co. No. 2	Island Block	Gold-dredging	36	9 & 14	First class & two second class when working three shifts.
Otago Harbour Board	Dunedin	Suction dredging	25	21 & 40	First class.
"	"	"	25	21 & 40	"
Otago Iron Roller Mills	Burnside	Iron-rolling	20	20	"
"	"	"	20	20	"
"	"	"	20	20	"
"	"	"	15	20	"
Otago No. 1 Melba Gold-dredging Co.	Miller's Flat	Gold-dredging	20	7½ & 13	First class & two second class when working three shifts.
Otago Sawmilling Co.	Dunedin	Sawmill	20	14½	First class.
Otago Steam Laundry	N. E. Valley	Laundry	14	6½ & 10½	Second class.
"	"	"	20	8½	"
*Paul, Wm.	Dunroon	Threshing	7	6½ & 12	Locomotive & traction.
Paul's Beach Gold-dredging Co.	Beaumont	Gold-dredging	14	8 & 13	First class & two second class when working three shifts.
*Pennycuik, Jas.	Palmerston	Threshing	8	6½ & 10	Locomotive & traction.
Perry, B.	Oamaru	Hauling	10	8 & 11	"
Perseverance Gold-dredging Co.	Alexandra	Tool-shop	18	Two 6	Second class.
"	"	Gold-dredging	30	9 & 14	First class & two second class when working three shifts.
"	No. 2	"	30	9 & 14	Ditto.

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
OTAGO—<i>continued.</i>					
Petrie, G.	Puerua	Threshing	8	8	Locomotive & traction.
*Porter, G.	Milton	"	8	9	"
*Porter, G.	"	"	6	8	"
Pringle & Party Gold-dredging Co. No. 1	Miller's Flat	Gold-dredging	16	7 & 14	First class & two second class when working three shifts.
Ditto	"	"	20	9 & 14	Ditto.
*Rapson Bros.	Kakanui	Threshing	8	9½	Locomotive & traction.
Reid, J. B.	Otakai	Threshing & pumping	8	9	"
Reid & Gray	Dunedin	Machine-tools	166	9 & 16½	First class.
Reliance Gold-dredging Co.	Tuapeka Creek	Gold-dredging	14	7 & 11½	Three second class when working three shifts.
*Richardson & Henderson	Island Cliff	Threshing	8	9	Locomotive & traction.
Riley's Beach Gold-dredging Co.	Cromwell	Gold-dredging	20	8 & 12½	First class & two second class when working three shifts.
*Robertson Bros.	Maheno	Threshing	8	6½ & 10½	Locomotive & traction.
*Robinson, Chas.	Berwick	"	6	8	"
*Robinson & Newbegging	Southbridge	"	6	8	"
Rockside Brick Co.	Caversham	Brick-making	25	10	Second class.
Ross & Glendining	Dunedin	Hat-factory	49	12	"
"	Roslyn	Woollen-mills	80	11 & 19	First class.
"	"	"	50	18 & 32	"
"	"	"	30	nil	Second class.
"	"	"	30	"	"
*Ryan Bros.	Waitahuna	Threshing	8	9	Locomotive & traction.
"	"	"	6	9	"
Sailors' Bend Gold-dredging Co.	Alexandra	Gold-dredging	20	8 & 12½	First class & two second class when working three shifts.
Sandy Point Gold-dredging Co.	"	"	25	9 & 14	Ditto.
Sargood, Son, & Ewen	Dunedin	Hat-factory	27	nil.	Second class.
Schlaadt Bros.	"	Machine-tools	30	9	"
Scoullar & Chisholm	"	Cabinetmaking	32	12	"
Shand, R.	Waikouaiti	Flour-mill	10	18	First class.
Shaw, Savill, & Albion Co.	Dunedin	Wool-dumping	18	10	Second class.
Shiel, Thos.	St. Kilda	Brick-making	58	16	First class.
*Simpson, Wm.	Hilderthorpe	Threshing	8	9	Locomotive & traction.
*Smellie Bros.	North Taieri	"	7	8½ & 12	"
"	"	"	6	7½	"
*Smith, R.	Crookston	Threshing	8	9	"
Sparrow, J.	Dunedin	Machine-shop	25	12	Second class.
Speight & Co., J.	"	Brewing	26	10	"
"	"	"	25	10	"
Spiers, D.	Tapanui	Threshing & hauling	8	9	Locomotive & traction.
Steadman, Jas.	Maungatua	General	8	9	"
Stevens, A., & Co.	N.E. Valley	Flour-mill	30	14 & 20	First class.
Stevens & Cook	Port Chalmers	Machine-tools	50	8 & 14	"
"	"	"	50	8 & 14	"
"	"	"	30	8 & 14	"
"	"	"	16	8 & 14	"
Sterling Gold-dredging Co.	Glenore	Gold-dredging	29	8 & 12½	First class & two second class when working three shifts.
Success Gold-dredging Co.	Waipori	"	20	7½ & 11½	Three second class when working three shifts.
*Sullivan, F. J.	Kyeburn	Threshing	8	8½	Locomotive & traction.
Taieri & Peninsula Milk-supply Co.	Dunedin	Dairy factory	45	8 & 14	First class.
"	"	"	20	8 & 14	"
Taipo Explosive Syndicate	Deborah Bay	Grinding	27	8 & 12½	"
Taniwha Gold-dredging Co.	Tuapeka Creek	Gold-dredging	14	6½ & 10½	Three second class when working three shifts.
Taratu Coal Co.	Kaitangata	Hauling	10	Two 8	Locomotive & traction.
Taratu & Kaitangata Railway & Coal Co.	Lovell's Flat	"	10	Two 8	"
*Taylor, Jas. A.	Kokoanio	Threshing	8	9	"
Teviot Fruit-canning Co.	Roxburgh	Fruit-canning	25	7 & 14	First class.
Thomson, Bridger & Co.	Dunedin	Wood-factory	40	18	"
Tough, Jno.	Milton	Threshing	8	9	Locomotive & traction.
Unity Gold-dredging Co.	Clyde	Gold-dredging	20	8 & 12½	First class & two second class when working three shifts.
Upper Waipori Gold-dredging Co.	Waipori	"	18	7 & 11½	Three second class when working three shifts.
Wallis & Party	Ida Valley	"	14	7 & 11	Ditto.
*Watts, Jno.	Ngapara	Threshing	8	9	Locomotive & traction.
Wilkie & Scott	Burnside	Flour-mill	30	12	Second class.
*Wright, Jos.	Horse Range	Threshing	8	8½	Locomotive & traction.
Wright, W., & Sons	Dunedin	Butchery	30	10	Second class.

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
SOUTHLAND.					
Aitken, Geo.	Waikaka ..	Threshing ..	7	8	Locomotive & traction.
Albertown Gold-dredging Co. ..	Pembroke ..	Gold-dredging ..	16	6½ & 11½	Three second class when working three shifts.
Alford & Co.	Caroline Creek ..	Flax-mill ..	16	7½ & 11½	Second class.
Argyle Gold-dredging Co. ..	Waikaka ..	Gold-dredging ..	20	8 & 13	First class and two second class.
Austin Bros.	Waihoaka ..	Sawmill ..	14	Two 8½	Second class.
Baldwin & Thurston	Gore ..	Threshing ..	8	9	Locomotive & traction.
Baldy, F. W.	Ryal Bush ..	" ..	6	8	"
*Balloch Bros.	Riversdale ..	" ..	8	9	"
"	Waimea Plains ..	" ..	8	9	"
Baxter, H. S.	Woodslea Downs ..	Flax-mill ..	14	Two 8½	Second class.
Black & Co.	Cattle Flat ..	" ..	16	7 & 11½	"
Blair Bros.	Glenham ..	" ..	14	Two 8½	"
Bichan, G.	Rams Creek ..	" ..	10	6½ & 10½	"
Bird Bros.	Woodend ..	Sawmill ..	14	Two 8½	"
Broad, Small, & Co.	Longbush ..	" ..	20	12¾	"
Butel, G.	Waimea Plains ..	Threshing ..	8	9	Locomotive & traction.
Cameron, D.	Maori Hill ..	Flax-mill ..	16	7 & 11½	Second class.
"	Merivale ..	" ..	14	Two 8½	Ditto.
Carson Bros.	Makarewa ..	Threshing ..	8	6½ & 10½	Locomotive & traction.
Central Charlton Gold-dredging Co. ..	Charlton Valley ..	Gold-dredging ..	16	6½ & 11½	Three second class when working three watches.
Central Mataura Gold-dredging Co. ..	Mataura ..	Gold-dredging ..	17	10 & 19	First class & two second class when working three watches.
Charlton Creek Gold-dredging Co. ..	Charlton Valley ..	Gold-dredging ..	16	7 & 11½	Three second class when working three watches.
Charlton Valley Gold-dredging Co. ..	" ..	" ..	16	7 & 11½	Ditto.
Chilton Bros.	Invercargill ..	Traction ..	8	9	Locomotive & traction.
Clark, J. & D.	Ryal Bush ..	Threshing ..	8	9	"
Clutha River Gold-dredging Co. ..	Cromwell ..	Gold-dredging ..	20	8 & 12¾	First class & two second class when working three watches.
Collett, C.	Mokotua ..	Hauling ..	8	9	Locomotive & traction.
Coombs, C.	Drummond ..	Threshing ..	6	8½	"
Craig, Neil	Waimea Plains ..	" ..	6	8	"
Crawford, R.	Mataura ..	Chaff-cutting ..	6	8	"
Crewe Gold-dredging Co., No. 1 ..	Nevis ..	Gold-dredging ..	16	7 & 11½	Three second class when working three watches.
"	" ..	" ..	16	7 & 11½	Ditto.
Cromwell & Bannockburn Collieries Co. ..	Bannockburn ..	Not working when inspected	20	Nil	Second class.
Ditto	" ..	Hauling ..	16	Two 10	Second class.
Cromwell Gold-dredging Co., No. 1 ..	Kawarau ..	Gold-dredging ..	20	7½ & 13	First class & two second class when working three shifts.
"	" ..	" ..	20	7½ & 13	Ditto.
Cruickshank, Wm.	Invercargill ..	Twine-works ..	27	13 & 24	First class.
"	Winton ..	Flax-mill ..	14	Two 9	Second class.
"	Waihopa ..	" ..	12	Two 9½	"
Cunningham, R.	Garston ..	Threshing ..	8	9	Locomotive & traction.
Cushnie, Geo.	Wyndham ..	" ..	8	9	"
Denniston, Jno.	Waimea Plains ..	Chaff-cutting ..	6	8	"
Drake, Wm.	Kapuka ..	Threshing ..	8	9	"
Duke of Gordon Gold-dredging Co. ..	Waikaka ..	Gold-dredging ..	20	9 & 13	First class & two second class when working three shifts.
Edendale Gold-dredging Co. ..	Two Creeks ..	" ..	16	7 & 11½	Three second class when working three shifts.
Edendale Dairy Factory	Edendale ..	Dairy ..	16	8	Second class.
Electric Gold-dredging Co., No. 1 ..	Kawarau ..	Gold-dredging ..	20	8 & 12¾	First class & two second class when working three shifts.
"	" ..	" ..	20	8 & 12¾	Ditto.
Fairweather, D.	Tisbury ..	Sawmill ..	28	15	First class.
* Farrier Bros.	Myross Bush ..	Threshing ..	8	9	Locomotive & traction.
"	Waituna ..	" ..	8	9	"
Fisher & Co.	Colac ..	Sawmill ..	14	Two 9	Second class.
* Fleck, J. F.	Thornbury ..	Threshing ..	8	9	Locomotive & traction.
Fleming & Co.	Winton ..	Flour-mill ..	46	10 & 16	First class.
Fleming & Gilkinson	Invercargill ..	" ..	25	10 & 15	"
Fleming & Henderson	Gore ..	" ..	25	8½ & 14	"
"	" ..	Drying oats ..	18	Nil	Second class.
Fortune & Cross	Waikoaka ..	Sawmill ..	14	Two 8½	"
Frail Bros. & Smithies	Riverton ..	" ..	36	12	"
Frew, A.	" ..	Threshing ..	8	9	Locomotive & traction.
Frew, David	Otaimai Bush ..	Threshing & ploughing ..	6	8	"
Garden Gully Gold-dredging Co. ..	Waimumu ..	Gold-dredging ..	16	8 & 13	First class & two second class when working three shifts.

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
SOUTHLAND—<i>continued.</i>					
Garry Owen Gold-dredging Co. ..	Waikaia ..	Gold-dredging ..	26	8 & 12 $\frac{3}{4}$	First class & two second class when working three shifts.
Gibbston Coal Co. ..	Gibbston ..	Hauling ..	30	Two 10	Locomotive & traction.
Glen Dhu Sawmill Co. ..	Glen Dhu ..	Sawmill ..	12	7 & 11 $\frac{1}{2}$	Second class.
Gore Borough Council ..	Gore ..	Electric lights ..	22	8 $\frac{1}{2}$	"
			20	8 $\frac{1}{2}$	"
Graham, T. A., & Party ..	Waikaka ..	Gold-dredging ..	20	8 & 13	First class & two second class when working three shifts.
Grand Junction, Gold-dredging Co.	Kawarau ..	" ..	20	8 & 12 $\frac{3}{4}$	Ditto.
* Halliday, W. ..	Roslyn Bush ..	Threshing ..	8	9	Locomotive & traction.
Hamilton, A. ..	Winton ..	Ploughing ..	8	9	"
Hamilton & Galt ..	Orepuki ..	Hauling ..	5	6 $\frac{1}{16}$	"
" ..	Waiau ..	Sawmill ..	12	Two 8 $\frac{1}{2}$	Second class.
Harrington Bros. ..	Waicola ..	" ..	20	Two 10	"
* Hazlett, J. and W. ..	Hillend ..	Threshing ..	8	9	Locomotive & traction.
* Henderson Bros. ..	Edendale ..	" ..	8	9	"
Hessey's Gold-dredging Co. ..	Waikata ..	Gold-dredging ..	14	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
Hodgkinson, T. ..	Makarewa ..	Brick-making ..	25	Two 7 $\frac{1}{2}$	Second class.
Holland, Jno. ..	Gore ..	Electric light ..	12	7 $\frac{1}{2}$ & 11 $\frac{1}{2}$	"
* Howson, Jno. O. ..	Otamita ..	Threshing ..	8	8	Locomotive & traction.
Ibbotson & Co. ..	Chatton ..	Gold-dredging ..	16	7 & 11 $\frac{1}{2}$	Three second class when working three watches.
Ibbotson & Party Gold-dredging Co.	Waikaka Valley	" ..	12	7 $\frac{1}{2}$ & 11 $\frac{1}{2}$	Three second class when working three shifts.
	No. 2		12	7 $\frac{1}{2}$ & 11 $\frac{1}{2}$	Ditto.
Invercargill Borough Council	Invercargill ..	Pumping ..	18	Two 12	First class.
			18	Two 12	"
Invercargill Dairy Supply Co.	Invercargill ..	Dairy ..	20	6	Second class.
* Johnston, W. ..	Merino Downs	Threshing ..	8	9	Locomotive & traction.
Johnston & Sons ..	Invercargill ..	Foundry ..	28	7 & 11	Second class.
Junction Electric Gold-dredging Co. No. 1.	Kawarau ..	Gold-dredging ..	25	8 & 12 $\frac{3}{4}$	First class & two second class when working three watches.
Junction Waikaka Gold-dredging Co.	Waikaka Valley	" ..	20	8 & 12 $\frac{3}{4}$	First class & two second class when working three watches.
* Kay, D. ..	Mataura ..	Threshing ..	8	9	Locomotive & traction.
			8	9	"
Keith, A. W. ..	Winton ..	Threshing and ploughing ..	8	9	"
Keown, Jas. ..	Balfour ..	Threshing ..	8	9	"
Kingsland & Sons ..	Invercargill ..	Confectionery ..	22	10	Second class.
Lady Ann Gold-dredging Co.	Charlton Valley	Gold-dredging ..	16	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
Lady Gordon Gold-dredging Co.	Upper Waikaia	" ..	16	7 & 11 $\frac{1}{2}$	Ditto.
Lawrence, A. T. ..	Maple Grove ..	Ploughing ..	6	8 $\frac{1}{2}$	Locomotive & traction.
Lawrence, W. P. ..	Tisbury ..	Sawmill ..	12	8 $\frac{1}{2}$ & 17	First class.
Lee & Party Gold-dredging Co.	Waikaka Valley	Gold-dredging ..	17	10 & 19	First class & two second class when working three shifts.
Lillies Leaf Syndicate Gold-dredging Co.	" ..	" ..	16	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
* Lindsay, A. W. ..	Drummond ..	Threshing ..	8	9	Locomotive & traction.
* Lindsay, C. ..	Waianiwa ..	" ..	8	9	"
Loch Lomond Gold-dredging Co.	Shepperds Creek	Gold-dredging ..	16	7 & 11	Three second class when working three shifts.
Lone Star Gold-dredging Co.	Cardrona ..	" ..	16	8 & 13	First class & two second class when working three shifts.
Manhire, W. ..	New River ..	Flax-mill ..	18	12 & 24	First class.
Maori Point Gold-dredging Co.	Maori Point ..	Gold-dredging ..	16	8 & 13	First class & two second class when working three shifts.
Marshall's Freehold Gold-dredging Co.	Waimumu ..	" ..	14	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
Mason's Bay Flax-milling Co.	Stewart Island	Flax-mill ..	19	12 $\frac{1}{2}$	Second class.
Massey, H. A. ..	Colac ..	Hauling ..	12	Two 8	Locomotive & traction.
" ..	" ..	Sawmill ..	30	16 $\frac{3}{8}$	First class.
" ..	Invercargill ..	" ..	52	14	Second class.
" ..	Mabel Bush ..	" ..	20	15 $\frac{1}{2}$	First class.
" ..	Waianiwa ..	" ..	20	15 $\frac{1}{2}$	"
" ..	Woodend ..	" ..	28	Two 15	"
" ..	" ..	" ..	28	Two 15	"
" ..	" ..	Hauling ..	6	Two 6 $\frac{1}{2}$	Locomotive & traction.
" ..	" ..	" ..	8	Two 7	"
Masterton Gold-dredging Co.	Waikaia ..	Gold-dredging ..	28	8 & 12 $\frac{3}{4}$	First class & two second class when working three watches.
Mataura Paper-mill	Mataura ..	Paper-mills ..	35	13	Second class.
McCallum & Co. ..	Brown's ..	Sawmill ..	18	14 $\frac{1}{2}$	First class.
" ..	Colac ..	" ..	20	15 $\frac{1}{2}$	"

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in inches.	Class of Driver required.
SOUTHLAND— <i>continued.</i>					
McCallum & Co.	Colac	Sawmill	16	Two 9 $\frac{3}{4}$	Second class.
"	"	Hauling	6	Two 6	Locomotive & traction.
"	"	"	8	7 $\frac{1}{2}$	"
"	Fairfax	Sawmill	25	14 $\frac{3}{8}$	First class.
"	Forest Hill	"	25	14	Second class.
"	Glenburn	"	20	14 $\frac{7}{8}$	First class.
"	Kapuka	Hauling	6	Two 6	Locomotive & traction.
"	"	Sawmill	25	15 $\frac{1}{2}$	First class.
"	Southport	"	18	10 & 10	Second class.
McCharlton Gold-dredging Co.	Charlton Valley	Gold-dredging	20	8 & 13	First class & two second class when working three watches.
McDonald, Geo.	Waimea Plains	Threshing	8	9	Locomotive and traction.
McDonald, John	Waikaia	Threshing & hauling	8	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	"
"	"	Threshing	6	8	"
*McDonald, R.	Riversdale	"	8	9	"
McGeorge's Freehold Gold-dredging Co.	Waikaka	Gold-dredging	20	8 & 13	First class & two second class when working three watches.
Ditto	"	"	39	8 & 12 $\frac{1}{2}$	Ditto.
McGregor, D.	Centre Bush	Sawmill	16	Two 10	Second class.
McGregor, E.	Gore	Scoop-dredge	29	8	"
McIntyre, Jno	Orepuki	Sawmill	30	12 $\frac{1}{2}$	"
McKenzie, D.	Barkly	"	16	Two 10	"
McKenzie & Sons	Hokonui	"	20	Two 10	"
*McKerron, A.	Waimahaka	Threshing	6	8	Locomotive & traction.
McKinnon Bros.	Gore	Threshing & hauling	8	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	"
*McLauchlan, Alexr.	Otamita	Threshing	8	9	"
*McLeod, Alexr.	Grove Bush	"	8	9	"
McLeod, R.	Otamita	"	8	9	"
McRae Bros.	Mokoreia	Flax-mill	14	Two 8 $\frac{1}{2}$	Second class.
Melvin, A.	Tokonui	Hauling	8	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	Locomotive & traction.
Melvin, John	"	Sawmill	20	Two 11	First class.
Mill & Co., Jno.	Bluff	Dumping	16	10 $\frac{1}{2}$	Second class.
Mill Creek Freehold Gold-dredging Co.	Mill Creek	Gold-dredging	20	8 $\frac{1}{2}$ & 13	First class & two second class when working three shifts.
More, Jas., & Sons	Riverton	Sawmill	16	12 $\frac{1}{2}$	Second class.
"	"	Hauling	8	Two 6	Locomotive & traction.
Muddy Creek Gold-dredging Co.	Waikaia	Gold-dredging	16	7 & 11	Three second class when working three shifts.
Murray, W. L., & Co.	Underwood	Milk-preserving	46	10	Second class.
"	"	"	30	10	"
Mystery Flat Gold-dredging Co.	Waikaia	Gold-dredging	20	8 & 13	First class & two second class when working three shifts.
Nevis Crossing Gold-dredging Co.	Nevis Crossing	"	16	7 & 11	Three second class when working three shifts.
New Era Gold-dredging Co.	Nevis	"	10	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	Ditto.
"	Cardrona	"	20	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	"
New Fairdown Gold-dredging Co.	Waikaka	"	16	7 & 11	"
New Prince Arthur Gold-dredging Co.	Moke Creek	Gold-dredging	27	7 & 11	Three second class when working three shifts.
New Royal Maori Gold-dredging Co.	Cromwell	"	20	7 & 11 $\frac{1}{2}$	Ditto.
New Zealand Loan and Mercantile Agency Co.	Bluff	Wool-dumping	14	Two 10 $\frac{1}{2}$	First class.
Ngapara Gold-dredging Co., No. 2	Nevis	Gold-dredging	15	8 & 12 $\frac{1}{2}$	First class & two second class when working three shifts.
" No. 3	"	"	16	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
Nightcaps Coal Co.	Nightcaps	Winding	20	Two 10	Winding.
"	"	Pumping and driving fan	68	8 $\frac{3}{8}$	Second class.
Nugent Wood Gold-dredging Co.	Muddy Creek	Gold-dredging	20	7 & 11 $\frac{1}{2}$	Three second class when working three watches.
Ocean Beach Freezing Co.	Ocean Beach	Freezing	40	14 & 22 $\frac{1}{2}$, 16 & 28	First class.
"	"	"	40	14 & 22 $\frac{1}{2}$, 16 & 28	"
"	"	"	70	14 & 22 $\frac{1}{2}$, 16 & 28	"
"	"	"	70	14 & 22 $\frac{1}{2}$, 16 & 28	"
"	"	"	70	14 & 22 $\frac{1}{2}$, 16 & 28	"
Oldham, O. W.	Woodlands	Boiling-down	14	14	Second class.
Parrott & Dougherty	Wyndham	Meat-preserving	18	8	"
Patterson's Freehold Gold-dredging Co.	Waikaka Valley	Flax-mill	16	Two 7	"
"	"	Gold-dredging	16	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
Ditto No. 2	"	"	20	8 & 13	First class & two second class when working three shifts.

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RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in inches.	Class of Driver required.
SOUTHLAND— <i>continued.</i>					
Patterson, James	Waimumu	Flax-mill	30	8 $\frac{3}{4}$	Second class.
Perry, W. J.	Wakapatu	Sawmill	20	14	"
Petrie, A.	Gore	Threshing	8	9	Locomotive & traction.
Phoenix Gold-dredging Co.	Waikaka	Gold-dredging	16	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
Pioneer Gold-dredging Co.	"	"	16	8 & 13	First class & two second class when working three shifts.
" No. 2	"	"	20	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
* Printz Bros.	Orepuki	Threshing	8	9	Locomotive & traction.
* Proudfoot & Steele	Pukerau	"	6	8	"
Raymond, J. W.	Easterfield	Flax-mill	12	Two 8 $\frac{3}{4}$	Second class.
Record Reign Gold-dredging Co.	Waikaka Valley	Gold-dredging	10	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
Reid, Wm.	Nightcaps	Threshing & hauling	8	9	Locomotive & traction.
Revival Gold-dredging Co.	Cromwell	Gold-dredging	16	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
Riddle Bros.	Waimahaka	Flax-mill	14	Two 8 $\frac{1}{2}$	Second class.
Rise and Shine Gold-dredging Co.	Clutha	Gold-dredging	38	8 & 12 $\frac{3}{4}$	First class & two second class when working three shifts.
" No. 2	"	"	39	8 $\frac{1}{2}$ & 17	Ditto.
Rising Sun Gold-dredging Co.	Cromwell	"	40	10 & 16	"
Royal Waimumu Gold-dredging Co.	Waimumu	"	20	8 & 13	"
* Scannell & Butler	Dacre	Threshing	8	9	Locomotive & traction.
Seifert, H.	Otapiri	Flax-mill	8	9	"
* Shanks, R. H.	Invercargill	Threshing	6	8 $\frac{1}{2}$	"
Shaw, Jno.	Otautau	Hauling & threshing	6	8	"
* Sheddon, Bros.	Scott's Gap	Threshing	8	9	"
Sheddon's Freehold Gold-dredging Co.	Waikaka Valley	Gold-dredging	40	8 & 12 $\frac{3}{4}$	First class & two second class when working three shifts.
Sheddon & King Gold-dredging Co.	"	"	20	8 & 13	Ditto.
* Simpson, A., Mrs.	Wyndham	Threshing	6	8	Locomotive & traction.
Smith & Co.	Invercargill	Wood-carving	27	13 $\frac{3}{8}$	Second class.
* Soper, G. A.	Garston	Threshing	8	6 & 9 $\frac{1}{2}$	Locomotive & traction.
Southland County Council	Invercargill	Hauling	6	5 $\frac{3}{8}$ & 9 $\frac{1}{2}$	"
"	"	"	8	6 $\frac{3}{8}$ & 11 $\frac{1}{2}$	"
Southland Engineering Co.	"	Foundry	23	8 $\frac{1}{2}$	Second class.
Southland Frozen Meat Co.	Bluff	Freezing	50	13, 22, 18, & 24	First class.
"	"	"	50	13, 22, 18, & 24	"
"	Wallacetown	Manure-works	35	nil	Second class.
Southlands Sawmilling Co.	Lake Waituna	Sawmill	20	Two 10	"
"	"	"	20	Two 10	"
"	Orepuki	"	54	15 $\frac{1}{2}$	First class.
"	Southland	"	16	13	Second class.
"	Waimimi	"	20	Two 10 $\frac{3}{8}$	First class.
Southland Timber Co.	Otautau	"	16	Two 9	Second class.
Star Gold-dredging Co.	Waikaka Valley	Gold-dredging	20	7 $\frac{1}{2}$ & 11	Three second class when working three shifts.
Stewart, Jno.	Gore	Threshing & Hauling	8	9	Locomotive & traction.
Sutherland, A.	Riverton	Flax-mill	12	Two 8 $\frac{3}{4}$	Second class.
Sutherland & Lopdale	Edendale	Sawmill	14	Two 8 $\frac{3}{4}$	"
Taylor, Wm.	Aparima	Ploughing	6	7	Locomotive & traction.
Templeton Bros.	Mokoreta	Flax-mill	14	7 $\frac{3}{8}$ & 11 $\frac{1}{2}$	Second class.
Timpany Bros.	Invercargill	Sawmill	20	Two 10	"
"	Kapuka	"	25	Two 12 $\frac{1}{2}$	First class.
"	Pahia	"	16	Two 10	Second class.
"	Waimatua	"	25	14	"
Todd, T., & Sons.	Waikiwi	Brick-making	10	13 $\frac{3}{16}$	"
Tweedie, M.	Riverton	Flour-mill	15	12 $\frac{1}{2}$	"
Vallance, Wm.	Invercargill	Wood-working	14	12 $\frac{1}{2}$	"
Waikaia Gold-dredging Co.	Waikaia	Gold-dredging	26	9 & 13	First class & two second class when working three shifts.
Waikaia Kia Ora Gold-dredging Co.	"	"	16	7 & 11 $\frac{1}{2}$	Three second class when working three shifts.
Waikaka Forks Gold-dredging Co.	Waikaka Valley	"	14	6 $\frac{1}{2}$ & 10 $\frac{1}{2}$	Ditto.
" No. 2	"	"	20	7 $\frac{3}{8}$ & 11	"
Waikaka Gold-dredging Co.	"	"	16	7 & 11	"
Waikaka Queen Gold-dredging Co.	"	"	16	7 & 11 $\frac{1}{2}$	"
Waikaka Syndicate Gold-dredging Co.	"	"	16	7 & 11 $\frac{1}{2}$	"
Waikaka United No. 1 Gold-dredging Co.	"	"	20	7 & 11 $\frac{1}{2}$	"

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RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
SOUTHLAND—<i>continued.</i>					
Waikaka United No. 2 Gold-dredging Co.	Waikaka Valley	Gold-dredging	30	8½ & 17	First class & two second class when working three shifts.
Waimumu Gold-dredging Co.	Waimumu	"	20	7½ & 11½	Three second class when working three shifts.
Waimumu Extended Gold-dredging Co.	"	"	16	7 & 11½	Ditto.
Waitiri Gold-dredging Co.	Kawarau	"	20	8 & 12½	First class & two second class when working three shifts.
*Walker, L.	Lumsden	Threshing	8	9	Locomotive & traction.
Wallis, A. R.	Hedgehope	Sawmill	50	13	Second class.
Ward & Sons	Ruahine	"	14	Two 9½	"
Watson Bros. & Harrington	Pahia	"	12	Two 8½	"
Williams, J. R.	Waikaka Valley	Hauling & Threshing	8	9	Locomotive & traction.
Wright, Stephenson, & Co.	Invercargill	Manure-mixing	20	Two 10	Second class.
Young, Geo.	Orepuki	Sawmill	55	Two 9	"
TARANAKI.					
Baigent, S. E.	Tarata	Sawmill	14	Two 8½	Second class.
Borthwick, T. & Sons	Waitara	Freezing	60	11 & 20	First class.
"	"	"	70	11 & 20	"
Brown, H. & Co.	Inglewood	Sawmill	25	14 & 15	First class.
"	"	"	30	14 & 15	"
"	"	"	6	Two 6½	Locomotive & traction.
"	New Plymouth	"	26	12	Second class.
"	Toko Road	"	28	10 & 19	First class.
Cardiff Co-operative Dairy Co.	Cardiff	Dairy factory	17	9	Second class.
Chambers, J. & Son	New Plymouth	Driving Machinery	16	13	"
Clement, W. C.	Kaponga	Sawmill	23	12	"
Derby Bros.	Pembroke Road	"	20	13½	"
"	Toko	"	20	13½	"
Edgar & Pease	Hawera	Chaff-cutting	6	8	Locomotive & traction.
Egmont Butter Box Factory	Eltham	Box-factory	25	12	Second class.
Eltham Co-operative Dairy Co.	"	Dairy-factory	16	10	"
Fowler, James	Patea	Threshing	6	5 & 9	Locomotive & traction.
Graves, Herbert	"	Brick-making	22	10½	Second class.
Greenaway, F. W.	Mokau	Sawmill	20	13	"
Hawera County Council	Hawera	Road-rolling	8	5 & 9	Locomotive & traction.
Irvine & Stevenson	Waitara	Milk-factory	30	6½	Second class.
Johnston, C. H.	"	Threshing	7	8½	Locomotive & traction.
"	"	"	8	5½ & 9	"
Joll, Thos. L.	Okaiawa	Creamery	16	9	Second class.
Joll, W. F.	Tikorangi	Brick-making	20	8½	"
Joll & Black	Waitara	Hauling	5	4 & 6½	Locomotive & traction.
Kakaramea Co-operative Dairy Co.	Kakaramea	Dairy	20	9	Second class.
Kaponga Co-operative Dairy Co.	Kaponga	"	16	10	"
Kaupokonui Co-operative Dairy Co.	Kaupokonui	"	25	8	"
Kelly, Andrew	Mokau	Sawmill	45	20	First class.
Little & Co.	Sentry Hill	Threshing	6	5½ & 9½	Locomotive & traction.
Mills Dairy Co.	Patea	Dairy factory	16	10	Second class.
Mills, H. & Co.	Rahotu	Sawmill	25	11	"
Mt. Egmont Freezing Co.	Waitara	Freezing	85	11 & 20	First class.
Muggeridge Bros.	Hawera	Chaff-cutting	6	7½	Locomotive & traction.
New Plymouth Borough Council	New Plymouth	Traction	6	5½ & 9	"
New Plymouth Harbour Board	New Plymouth	"	10	Two 8	"
"	Breakwater	"	"	"	"
"	Ditto	"	14	Two 10	"
New Plymouth Sash & Door Factory	New Plymouth	Sawmill	40	13	Second class.
Ditto	Ngaire	Hauling	16	Two 8	Locomotive & traction.
"	"	Sawmill	50	16½	First class.
"	Tariki Road	"	50	Two 14½	"
"	"	Traction	6	5½	Locomotive & traction.
"	Tariki	"	8	Two 7	"
Parkes & Brookes	Awatuna	Sawmill	30	12	Second class.
Ramsay, H.	Eltham	"	12	Two 8½	"
Riversdale Dairy Co.	Inaha	Dairy	20	8	Second class.
Rothery, J.	Rahotu	Sawmill	25	11	"
Simons & Jones	Tariki Road	"	35	Two 10½	First class.
Stratford Co-operative Dairy Co.	Stratford	Dairy	16	10	Second class.
Stratford County Council	"	Stone-crushing	8	9½	Locomotive & traction.
Symes, G.	Hawera	Sawmill	23	12	Second class.
"	Midhurst	"	17	14	"
"	Ngaire	Hauling	8	Two 6½	Locomotive & traction.
"	"	Sawmill	30	16	First class.
"	Toko	"	29	13	Second class.
Taranaki Bacon Factory	Fitzroy	Freezing	20	Two 8	"
Taranaki County Council	New Plymouth	Stone-crushing	8	6 & 9½	Locomotive & traction.

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RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in inches.	Class of Driver required.
TARANAKI—<i>continued.</i>					
Taranaki Freezing Co.	Moturoa	Freezing	30	10 & 21½	First class.
"	"	"	30	14 & 26	"
Tarry, James	Inglewood	Chaff-cutting	8	8½	Locomotive & traction.
Twigg & Co.	Hawera	Sash & door factory	20	12 & 24	First class.
Union Timber Co.	Beaconsfield Road	Sawmill	22	Two 10	Second class.
Waitara Harbour Board	Waitara	Dredge	11	Two 9	Second class.
Wells, Phillip	New Plymouth	Flour-mill	20	19	First class.
West Coast Refrigerating Co.	Patea	Freezing	40	9 & 16	"
"	"	"	25	9 & 16	"
"	"	Meat Preserving	23	9	Second class.
Wylie & Co. "	Koru Road	Sawmill	16	Two 9	"
WELLINGTON.					
Akitio Totara Sawmill Co.	Akitio	Sawmill	25	14	Second class.
Albertson, C.	Nireaha	"	20	12½	"
Allen, J.	Masterton	Threshing	6	6 & 10	Locomotive & traction
Allen & Son, J.	"	Hauling	6	8	"
Allender, J., and Co.	Petone	Soap-works	18	Nil	Second class.
Anderson, C.	Palmerston North	Hauling	6	5 & 9	Locomotive & traction.
*Anderson, C.	Rongotea	Threshing and Chaff-cutting	6	7½	"
Anketell Bros.	Masterton	Threshing	6	8	"
"	Upper Plain	Threshing and Chaff-cutting	6	8	"
Aramoho Meat Preserving Co.	Aramoho	Freezing	40	12	Second class.
"	"	"	24	12	"
Austin Bros. "	Foxton	Flax-mill	50	15	First class.
"	"	"	32	15	"
Austin, O. E.	"	"	24	8¾ & 12¾	"
Ballance Co-operative Dairy Co.	Seaborough	Creamery	16	10	Second class.
Ballance Co-operative Dairy Co.	Konini	Butter-factory	18	10	"
Barber, W. H. P.	Wellington	Dyeworks	40	8	"
Bartholomew Bros.	Feilding	Sash & door factory	37	12	"
Bartholomew, J., & Co.	Taihape	Sawmill	30	14	"
Bartholomew, P.	Levin	"	40	14	"
"	Weraroa	"	45	16	First class.
Bassett, W. G.	Wanganui	Wood-working	36	12	Second class.
Beazer, M.	Awahuri	Threshing	6	5 & 9	Locomotive & traction.
"	Feilding	Hauling	8	5 & 9	"
Bell, R.	Turakina	Flax-mill	12	7½ & 11½	Second class.
Bird Bros.	Manakau	Sawmill	16	Two 9	"
Blackball Coal Co.	Hulk "Jean Perouse"	Hoisting	30	6 & 7	"
Booth, Wm., & Co.	Carterton	Sawmill	20	Two 11	First class.
"	"	"	50	16½	"
"	"	"	50	16½	"
"	"	"	40	Two 11½	"
"	"	Log-hauling	19	Two 8	Second class.
Bowater, H. J.	Sanson	Ploughing	6	5 & 9	Locomotive & traction.
Brookie, A.	Marton	Threshing	8	9	"
Brewer, J.	Foxton	Flax-mill	14	Two 8½	Second class.
Buchanan & Co., J.	Okoia	Bacon-factory	17	8	"
Burgess, A.	Palmerston N.	Sawmill	42	16	First class.
Burt, William	Whiteman's Valley	"	16	Two 9	Second class.
Cable & Co., W.	Wellington	Foundry	70	7 & 13	First class.
Campbell Land & Timber Co.	Otaki Gorge	Sawmill	25	12	Second class.
"	Reikorangi	"	14	16½	First class.
"	Te Horo	"	37	14½	"
"	Waikanae	"	30	14½	"
Castlediff Railway Co.	Wanganui	Hauling	12	Two 10	Locomotive & traction.
"	"	"	18	Two 10	"
Chamberlain Bros.	Feilding	Flour-mill	22	11	Second class.
"	Masterton	"	20	9 & 14	First class.
"	"	Threshing	6	8	Locomotive & traction.
Chalmers, W.	Wellington	Cooperage	28	12	Second class.
Chapman Bros.	Where required	Threshing	8	6½ & 10½	Locomotive & traction.
Chapman & Saunders	Martinborough	"	6	5½ & 8½	"
Cheeseman & Co.	Oroua Bridge	Flax-mill	12	7 & 10½	Second class.
*Cockburn, H.	Marton	Threshing	6	8	Locomotive & traction.
Coley, Geo.	Foxton	Flax-mill	12	Two 8½	Second class.
"	"	"	26	10½	"
"	"	"	36	16½	First class.
Coley and Easton	Wellington	Sash & door factory	20	10	Second class.
Compton, A.	Petone	Cooperage	26	9½	"
Cook, Thomas	Palmerston N.	"	24	13	"
Cook, Wm.	Berhampore	Brick-works	18	10½	"
Cooper & Sons	Mount Bruce	Sawmill	20	12½	"

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RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
WELLINGTON—<i>continued.</i>					
Crabtree & Sons	Wellington	Foundry	16	11	Second class.
Crease & Son, E. H.	"	Jam-making	19	Nil	"
Crown Dairy Co.	Mangatainoka	Dairy factory	21	10	"
Daniell, C. E., & Co.	Masterton	Sawmill	44	12½	"
"	"	Sash & door factory	27	12	"
"	Weraiti	Sawmill	50	16	First class.
Dalefield Dairy Co.	Dalefield	Dairy factory	24	9	Second class.
Defiance Butter Co.	Bunnythorpe	Milk factory	30	16	First class.
"	"	"	150	16	"
"	Makino	Dairy	30	14½	"
Dickie, W. & R.	Wanganui	Flour-mill	17	10	Second class.
Dimock & Co.	Wellington	Freezing	23	10	"
Drummond Bros.	Newman	Sawmill	25	10 & 16	First class.
Drysdale, J.	Nireaha	"	30	12½	Second class.
*Eggleton & Larsen	Bunnythorpe	Threshing & chaff-cutting	6	8½	Locomotive & traction.
Evans Bay Timber Co.	Kilbirnie	Sawmill	38	13	Second class.
Ewington, J. C.	Masterton	Hauling	6	5½ & 8½	Locomotive & traction.
Falkner, A.	Kaipararo	Sawmill	40	Two 10½	First class.
Ferguson, M.	Wanganui	Steel-pipe making	73	12	Second class.
Fitzherbert, A. R.	Upper Tutaenui (Merton)	Flour-mill	18	9	"
"	Where required	Threshing	6	8½	Locomotive & traction.
Flowers, Thos.	Bull's	Flour-mill	17	9	Second class.
Frasar, Angus	Kerepuni	Hauling	8	9	Locomotive & traction.
Gaby, H.	Newtown	Foundry	17	4, 4½, & 6½	Second class.
Gaipen, C. M.	Marton	Threshing	6	8	Locomotive & traction.
Gammon & Co.	Palmerston N.	Sawmill	17	Two 8	Second class.
Gardner Bros.	Makomako	"	14	Two 9	"
Gardner, Geo., & Son	Moawhangu	"	23	12	"
"	Taihape	"	36	12	"
Gardner, Robert.	Kereru	Hauling flax	2	4½	Locomotive & traction.
Gardner & Yeomau	Pongaroa	Sawmill	20	12	Second class.
Gear Meat Preserving Co.	Petone	Boiling-down	30	8½ & 14	First class.
"	"	Freezing	65	17 & 34	"
"	"	"	65	17 & 34	"
"	"	"	65	17 & 34	"
"	"	"	65	17 & 34	"
"	"	"	73	17 & 34	"
"	"	"	73	17 & 34	"
"	"	Hauling	12	Two 8	Locomotive & traction.
"	"	"	28	Two 10	"
"	"	Manure works	50	8½ & 14	First class.
"	"	"	50	8½ & 14	"
"	"	"	50	8½ & 14	"
Gibbs, A. S.	Utiku	Sawmill	38	16	"
Gibbs, J. H.	Sanson	Threshing	8	8½	Locomotive & traction.
Gifford & Henson	Rongotea	"	6	7½	"
Gilberd, J. B., & Son	Castlecliffe	Soap-works	20	5½	Second class.
Gower & Grice	Omui	Sawmill	40	12	"
Green Bros.	Kairanga	Threshing & chaff-cutting	7	6 & 10	Locomotive & traction.
Green, G.	"	Threshing	6	5 & 9	"
Greenaway, Thos.	Martinborough	Hauling	6	5½ & 8½	"
"	"	"	6	8	"
Greenwood & Whiteman	Akatarawa	Sawmill	22	12	Second class.
Greig and Green	Palmerston N.	Flax-mill	12	7 & 11	"
Guy, F. S.	Table Flat	Sawmill	25	13	"
Halley & Ewing	Wellington	Sash & door factory	18	12½	"
Hamer, W., & Co.	Makerua Swamp	Flax-mill	32	12	"
*Harvey, G. M.	Rata	Threshing	7	8½	Locomotive & traction.
Henderson Bros.	Marton	Flour-mill	20	12	Second class.
"	"	"	25	8½ & 14	First class.
Hill, H.	Wellington	Brick and pipe works	25	10	Second class.
Hirst & Co.	Kaiwarra	Tannery	46	9	"
Hopkins, E.	Waitohu Valley	Sawmill	14	Two 8½	"
"	Otaki	"	23	13	"
*Howard, J.	Marton	Threshing	6	8	Locomotive and traction.
Hutt County Council	Wellington	Hauling and stone-crushing	6	8	"
Isbister & Co.	"	Sawmill	18	12	Second class.
Jackson, H. H.	Greytown	Ploughing	10	7 & 11½	Locomotive and traction.
Jacobsen, N., & Co.	Taihape	Sawmill	14	Two 9½	Second class.
James, T. P.	Stanway	Threshing	6	6 & 10	Locomotive and traction.
Johnson Bros.	Parkvale	Hauling	6	6 & 10	"
Jones, C. E.	Matarawa	"	6	8	"
Jones, E.	Masterton	"	8	6½ & 10	"
Jupp, W.	Foxton	Flax-mill	14	Two 8½	Second class.
"	Makerua Swamp	"	30	12	"
Kelburne-Karori Tramway Co.	Wellington	Hauling	26	9 & 16	First class.
"	"	"	26	9 & 16	"

* This plant has two years' certificate.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
WELLINGTON—<i>continued.</i>					
Knap, I. H.	Taihape	Sawmill	36	12½	Second class.
Knight, B. L.	Mangaweka	"	50	13	"
Larsen, A. R.	Utiku	"	16	Two 9	"
Ledward, D.	Mataroa	Flax-mill	16	10	"
Levett, O. A. J.	Wanganui	Chaff-cutting	6	7½	Locomotive and traction.
Levien & Bell	Oroua Bridge	Flax-mill	12	7 & 11	Second class.
Levin Dairy Co.	Levin	Creamery	17	8	"
Liggins, J. H.	Tokomaru	Flax-mill	12	7 & 10½	"
Lind & O'Connor	Shannon	"	25	10	"
Lloyd, F.	Wellington	Brick-making	22	10½	"
Luke, S., & Sons	"	Engineers' shop	457	16 & 11½	Second class.
Manawatu County Council	Carnarvon Tramway	Hauling	10	Two 7½	Locomotive and traction.
"	"	"	16	Two 9	"
Manawatu Roller Flour-mills	Palmerston N.	Flour-mill	27	12 & 18	First class.
Manawatu Timber Co.	Kawatau	Sawmill	18	Two 10	Second class.
"	"	"	50	14	"
"	"	"	50	12	"
Mardon Bros.	Himatangi	Flax-mill	16	8½ & 14½	First class.
Masterton Co-operative Dairy Co.	Masterton	Dairy factory	19	11	Second class.
Matthew Bros.	Sanson	Threshing	6	5½ & 9½	Locomotive and traction.
Mauriceville Dairy Factory Co.	Mauriceville	Dairy factory	30	8	Second class.
McCarthy, T. G.	Wellington	Brewery	30	7	"
McGregor, Ewen	Orangipongo	Sawmill	20	15	First class.
McGregor, John	Tararu Ranges	"	42	16½	"
McGregor, J. A.	Levin	Hauling	17	Two 8	Second class.
McHattie, G. & J.	Taueru	Sawmill	23	14	"
McLachlan Bros.	Masterton	Chaff-cutting	6	8	Locomotive and traction.
McLeod, Alexander	Opaki	Saw-milling	16	Two 9½	Second class.
McPhee, Hugh	Where required	Hauling	6	8	Locomotive & traction.
"	Carterton	"	6	8	"
Mill & Co., John	Hulk "C o r o m a n d e l"	Hoisting	24	Two 8	Second class.
"	Hulk "Elinor Vernon"	"	22	6 & 8	"
Milverton, Jos.	Palmerston N.	Hauling	6	5 & 9	Locomotive & traction.
Milverton & Sons	"	"	6	5 & 9	"
Mindo & Stuart	Awahuri	Threshing	7	8	"
Munt, T.	Wellington	Hauling	10	6½ & 11½	"
Murphy, W.	"	Brick & pipe works	24	12	Second class.
Murray, D.	Wanganui	Engineer's shop	20	10	"
Mutrie, Alexander	Kuripuni	Threshing & chaff-cutting	6	8	Locomotive & traction.
Naismith, Alexander	Wellington	Laundry	22	8	Second class.
National Mortgage & Agency Co.	Longburn	Refrigerating	40	10 & 20	First class.
"	"	"	40	10 & 20	"
Nees, W.	Reikorangi	Sawmill	35	16½	"
Newton, Jno.	Kaiwarra	Soap-works	22	6	Second class.
N.Z. Candle Co.	"	Candle-works	18	8½	"
"	"	Boiling-down	18	9	"
"	"	Candle-works	22	8½	"
N.Z. Electric Syndicate	Wellington	Electric-lighting	50	18 & 26	First class.
"	"	"	50	18 & 26	"
"	"	"	50	15 & 30	"
"	"	"	50	15 & 30	"
"	"	"	100	15 & 30	"
"	"	"	100	15 & 30	"
"	"	"	130	15 & 30	"
"	"	"	130	15 & 30	"
"	"	"	350	13½, 19½, & 28	"
New Zealand Dairy Union	Eketahuna	Dairy factory	36	10	Second class.
N.Z. Govt. Asylum	Mount View	Laundry	30	Nil	Exempt under section 63 of "The Inspection of Machinery Act, 1902."
"	"	"	30	Nil	Ditto.
N.Z. Govt. Lunatic Asylum	Porirua	Electric light, laundry, &c.	20	9½ & 15	"
"	"	Ditto	20	9½ & 15	"
"	"	"	43	9½ & 15	"
N.Z. Govt. Defence Department	Shelley Bay	Electric light	27	10 & 16	"
N.Z. Govt. Printing Office	Wellington	Printing	35	9 & 15	"
"	"	"	35	9 & 15	"
N.Z. Govt. Prison Department	Mount Cook	Brick-making	38	14	"
N.Z. Public Works Department	Mangaonoho	Machine-shop	16	Two 9	"
"	Taihape	Ballasting	16	Two 9	"
"	"	"	16	Two 11	"
N.Z. Patent Brick Co.	Kilbirnie	Brick-making	22	14	Second class.
Norris, H.	Newtown	Brick-works	20	9	"
Orbell, J.	Martinborough	Hauling	6	6 & 10½	Locomotive & traction.
Otaki-Manukau Dairy Co.	Otaki	Dairy factory	17	8½	Second class.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in Inches.	Class of Driver required.
WELLINGTON— <i>continued.</i>					
Palmerston North Sash & Door Co.	Palmerston N.	Sash & door factory	50	17	First class.
Pascal Bros.	Oroua Bridge ..	Flax-mill	12	7 & 11	Second class.
Pascal, L.	Kereru	"	20	10	"
Perham & Larsen	Utiku	Sawmill	42	16	First class.
Pitcaithley & Co.	Wellington	Hauling	10	6½ & 11½	Locomotive & traction.
Pleasants, O. C.	Halcombe	Threshing	6	5 & 9	"
Price, Thomas	Newman	Sawmill	50	16	First class.
Prouse Bros.	Shannon	"	37	14	Second class.
"	Wellington	Sash & door factory	40	10½	"
"	Weraroa	Sawmill	50	15	First class.
"	Nireaha	"	20	13	Second class.
Pryde & Son, A.	Manakau	Flax-mill	14	Two 8½	"
Ransfield, R.	Kakara	Ploughing	10	7 & 11½	Locomotive & traction.
Raynor, B. R.	Akatarawa	Sawmill	14	Two 8½	Second class.
Read, D.	Tararu Range	"	32	14	"
Retter & Gilmer	Rewa	Dairy factory	26	9	"
Rewa Dairy Factory Co.	Waitotara	Threshing	6	7½	Locomotive & traction.
Rhodes Bros.	Wellington	Foundry	45	12	Second class.
Robertson & Co., D.	Rongotea	Dairy factory	18	12	"
Rongotea Dairy Factory Co.	Wellington	Coach-factory	20	8	"
Rouse & Hurrell	Hukanui	Sawmill	25	10	"
Roy, John	Moutou	Flax-mill	17	12	"
Saunders Bros.	Shannon	Sawmill	30	13½	"
Schmidt & Saunders	Masterton	Hauling	5	7	Locomotive & traction.
Scorer, J.	Wellington	Foundry	27	Nil.	Second class.
Seager E.	Palaka	Flax-mill	12	7 & 11	"
Seifert, A.	Tokomaru	"	12	7 & 11½	"
Seifert, G.	"	"	12	7 & 11	"
"	Oroua Bridge	"	12	Two 8½	"
"	Rangatane	"	12	7 & 11	"
Silverstream Brick & Tile Co.	Silverstream	Brick-making	35	13	"
Simpson, G.	Bull's	Flax-mill	25	12	"
Simpson, R. K.	Marton	Threshing	6	5 & 8	Locomotive & traction.
Smith & Donald	Taihape	Sawmill	26	12	Second class.
Smith, M'Kean & Co.	Moawhango	"	50	10	"
Stansell & Son, J. R.	Waikanae	Flax-mill	25	Two 9	"
Staples & Co.	Wellington	Brewery	35	10	"
Stevens, James	Hastwells	Sawmill	26	13	"
Stewart & Co.	Wellington	Sash & door factory	23	20	First class.
"	"	"	23	20	"
"	"	"	14	20	"
Styles & Coley	Opiki	Flax-mill	26	Two 8½	Second class.
Swainson & Bevan	Manakau	Hauling	6	8	Locomotive & traction.
"	"	"	6	5 & 9	"
"	"	Flax-mill	19	12	Second class.
"	"	"	12	Two 8½	"
Syme, G.	Utiku	Sawmill	40	14	"
Symons and Barnard	Foxton	Flax-mill	27	12	"
Tennant, James	Oroua Bridge	"	12	7 & 11	"
Thomas, E.	Mount Halcombe	Threshing	8	5 & 8½	Locomotive & traction.
Tonsk, E.	Wellington	Brick-making	24	10	Second class.
Tonks, Wm.	"	Flour-mill	40	12	"
Trevor, J.	Palmerston N.	Brick-making	12	12½	"
Tyer, A.	Ngahauranga	Steaming	20	14	"
Udy, Hart	Hukanui	Sawmill	25	16½	First class.
"	Petone	"	35	8½	Second class.
Union S.S. Co.	Hulk "Otto-lins"	Hoisting	20	8, 8, & 8	"
"	Wellington	"	21	Two 7 & Two 8	"
Vickers & Williams	Shannon	Flax-mill	37	14	Second class.
Waddell, McLean, & Weir	Wellington	Sash & door factory	17	17	First class.
"	"	"	17	17	"
Wairarapa Bacon Co.	Carterton	Bacon-factory	19	7	Second class.
Wairarapa Brick & Tile Works	"	Brick-making	18	8½ & 14	First class.
Wakeley, W.	Kahautara	Flax-mill	12	Two 9	Second class.
"	"	"	10	8 & 12½	First class.
Wakelin Bros.	Carterton	Flour-mill	19	10	Second class.
Wall Bros.	Martinborough	Flax-mill	12	7 & 11½	"
Wanganui Corporation	Wanganui	Roadrolling	6	5½ & 8½	Locomotive & traction.
Wanganui Fire Brigade	"	Fire engine	12	Two 8½	"
Wanganui M. F. Co.	Castlecliff	Freezing	118	12 & 20	First class.
"	"	"	80	12 & 20	"
"	"	"	80	12 & 20	"
"	"	"	80	12 & 20	"
"	"	"	80	12 & 20	"
Wanganui Sash & Door Factory	Wanganui	Sash & door factory	50	13	Second class.
Warring, J.	Marton	Chaff-cutting & threshing	6	8	Locomotive & traction.
Warring, Jos.	Mount Curl	Threshing	8	6 & 10	"
Waterson & Co.	Nireaha	Sawmill	16	11	Second class.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in inches.	Class of Driver required.
<i>WELLINGTON—continued.</i>					
Waverley Co-operative Dairy Co. ..	Aramoho ..	Dairy factory ..	30	8	Second class.
Weir, G. ..	Hukanui ..	Sawmill ..	14	Two 9½	"
Wellington Biscuit-factory ..	Wellington ..	Biscuit-factory ..	30	12	"
Wellington Brick & Tile Co. ..	Okiro ..	Brick-yard ..	33	12	"
Wellington City Council ..	Wellington ..	Pumping air & drainage-works ..	88	9½, 15, & 23	First class.
" ..	" ..	Ditto. ..	88	9½, 15, & 23	"
" ..	" ..	" ..	88	9½, 15, & 23	"
" ..	" ..	Road-roller ..	6	9	Locomotive & traction.
" ..	" ..	Stone-crushing ..	14	Two 8½	Second class.
" ..	" ..	Road-roller ..	8	8½	Locomotive & traction.
Wellington City Council Tramways ..	" ..	Electric trams ..	65	12, 17, & 26	First class.
" ..	" ..	" ..	65	12, 17, & 26	"
" ..	" ..	" ..	65	12, 17, & 26	"
Wellington Fresh Food & Ice Co. ..	" ..	Butter-factory ..	27	12	Second class.
" ..	" ..	" ..	27	12	"
Wellington Gas Co. ..	" ..	Pumping, &c. ..	36	8, 10, & 7	"
" ..	" ..	" ..	36	8, 10, & 7	"
Wellington Harbour Board ..	Wellington ..	Pumping ..	106	15 & 30	First class.
" ..	" ..	" ..	106	15 & 30	"
" ..	" ..	Dredging ..	9	9 & 9	Second class.
" ..	" ..	Fire-engine ..	16	Two 9½	"
Wellington Hospital ..	" ..	Disinfecting ..	24	Nil	"
Wellington-Manawatu Railway Co. ..	" ..	Hauling ..	40	Two 15	Locomotive & traction.
" ..	" ..	" ..	40	Two 16	"
" ..	" ..	" ..	45	Two 10 & 17	"
" ..	" ..	" ..	40	Two 16	"
" ..	" ..	" ..	40	Two 16	"
" ..	" ..	" ..	100	10½ & 19	"
" ..	" ..	" ..	17	11 & 18	"
" ..	" ..	" ..	175	Two 10 & 17	"
" ..	" ..	" ..	28	Two 12	"
" ..	" ..	" ..	33	Two 12	"
" ..	" ..	" ..	30	Two 15	"
" ..	" ..	" ..	40	Two 16½	"
" ..	" ..	" ..	80	Two 16½	"
" ..	" ..	" ..	80	Two 16½	"
" ..	" ..	" ..	175	Two 17	"
" ..	" ..	" ..	160	Two 10 & 17	"
" ..	" ..	" ..	88	Two 11½ & 19	"
" ..	" ..	" ..	33	Two 13	"
" ..	" ..	" ..	31	Two 11 & 18	"
" ..	" ..	" ..	33	Two 15	"
" ..	" ..	" ..	33	Two 15	"
Wellington Meat Export Co. ..	Alice Town ..	Engineer's shop ..	25	12	Second class.
" ..	Ngahauranga ..	Pumping ..	40	Two 12	First class.
" ..	" ..	Freezing ..	35	19 & 28	"
" ..	" ..	" ..	60	19 & 28	"
" ..	" ..	" ..	100	19 & 28	"
" ..	" ..	Fellmongery ..	84	12	Second class.
" ..	" ..	Boiling down and preserving ..	124	12	"
" ..	" ..	Preserving ..	124	12	"
" ..	" ..	Boiling down ..	38	8½ & 14½	First class.
" ..	" ..	" ..	20	8½ & 14½	"
" ..	" ..	" ..	20	8½ & 14½	"
" ..	Wellington ..	Freezing ..	40	19 & 28	"
" ..	" ..	" ..	40	19 & 28	"
Wellington Patent Slip Co. ..	Wellington ..	Hauling ..	23	16 & 16	First class.
" ..	" ..	" ..	23	16 & 16	"
Wellington Woollen Co. ..	Petone ..	Woollen-mills ..	20	16 & 30	First class.
" ..	" ..	" ..	20	16 & 30	"
" ..	" ..	" ..	20	16 & 30	"
" ..	" ..	" ..	60	16 & 30	"
" ..	" ..	" ..	35	17 & 34	"
" ..	" ..	" ..	35	17 & 34	"
Wills, P. ..	Newtown ..	Laundry ..	19	8	Second class.
" ..	" ..	" ..	19	8	"
Woodley, John ..	Carterton ..	Hauling, &c. ..	6	8	Locomotive & traction.
" ..	" ..	" ..	6	8½	"

RETURN showing the NAMES of OWNERS of BOILERS, &c.—continued.

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in inches.	Class of Driver required.
WESTLAND DISTRICT.					
Ahaura Waterson's Gold-dredging Co.	Ahaura ..	Gold-dredging ..	20	7½ & 11½	First class & two second class when working three shifts.
Aldinga Gold-dredging Co.	Nelson Creek ..	" ..	20	8 & 12¾	Ditto.
Amalgamated Totara Shellback Gold-dredging Co.	Near Ross ..	" ..	25	9 & 14	"
Baxter Bros.	Arahura ..	Sawmill ..	32	14	Second class.
"	Kokiri ..	" ..	16	Two 9½	"
Bignell's No Town Gold-dredging Co.	No Town Creek	Gold-dredging ..	20	8½ & 12¾	First class & two second class when working three shifts.
Blackwater River Gold-dredging Co.	Blackwater ..	" ..	25	8 & 12¾	Ditto.
Bowater & Bryan	Snowy River ..	Sawmill ..	16	Two 9½	Second class.
Butler, Osmond	Greymouth ..	" ..	14	Two 8½	"
"	Paroa ..	" ..	20	11	"
"	" ..	Locomotive ..	10	Two 6	Locomotive & traction.
Cambridge, Buteman, & Grant ..	Cameron's ..	Flax-mill ..	16	8	Second class.
Chinn, W.	Waitaha Beach	" ..	12	Two 8½	"
Craig & Sheedy	Te Kinga ..	Sawmill ..	20	Two 10	"
Despatch Foundry	Greymouth ..	Foundry ..	20	11	"
Erickson, Geo.	Ahaura ..	Traction ..	8	9	Locomotive & traction.
"	Near Orwell Creek	Sawmill ..	25	17½	First class.
Erickson's Reward Gold-dredging Co.	Orwell Creek ..	Gold-dredging ..	41	7 & 11½	Three second class when working three shifts.
Golden Five-mile Gold-dredging Co.	Near Paroa ..	" ..	25	8 & 12¾	First class & two second class when working three shifts.
Golden United Gold-dredging Co. ..	Duffer's Creek	Gold-dredging ..	52	9 & 14	Ditto.
Great Woodstock Gold-dredging Co.	Kanieri ..	" ..	33	8 & 12¾	"
Greenstone Creek Gold-dredging Co.	Greenstone ..	" ..	20	7 & 11½	Three second class when working three shifts.
Greenstone Junction Gold-dredging Co.	" ..	" ..	20	8 & 12¾	First class & two second class when working three shifts.
Greenstone Three-mile Gold-dredging Co.	" ..	" ..	20	7½ & 11½	Three second class when working three shifts.
Greymouth Borough Council ..	Greymouth ..	Fire-engine ..	7	Three 7	Second class.
Greymouth Harbour Board ..	Cobden ..	Derrick ..	8	Two 9	"
"	" ..	15-ton crane ..	9	Two 9	"
"	Cobden to Greymouth	Hauling ..	10	Two 8	Locomotive & traction.
"	Ditto ..	" ..	15	Two 10	"
"	Grey River ..	" ..	25	Two 12	First class.
Grimmond & Co., Jos.	Ross ..	Sawmill ..	32	12	Second class.
Hansen & Knowles	Rimu ..	" ..	20	7½ & 11½	"
Ikamatua Gold-dredging Co. ..	Blackwater ..	Gold-dredging ..	30	8 & 12¾	First class & two second class when working three shifts.
Jack Bros.	Kotuku ..	Sawmill ..	35	11 & 17½	First class.
Jackson's Bay Flax-milling Co. ..	Jackson's Bay ..	Flax-mill ..	20	7 & 11½	Second class.
Kohinoor Gold-dredging Co. ..	Mikonui ..	Gold-dredging ..	40	9 & 14	First class & two second class when working three shifts.
Kotuku Sawmill Co.	Craig's Siding	Sawmill ..	60	18	First class.
Kumara Dredging Syndicate ..	Greenstone ..	Gold-dredging ..	23	8 & 13	First class & two second class when working three shifts.
Lake Brunner Sawmilling Co. ..	Near Moana ..	Sawmill ..	20	Two 10	Second class.
"	" ..	Hauling ..	8	Two 6	Locomotive & traction.
Lincoln Bros., Toomey, & Peebles ..	Stafford ..	Sawmill ..	20	18	First class.
"	" ..	" ..	16	Two 9½	Second class.
Mahinapua Sawmilling Co. ..	Hokitika ..	" ..	16	13½ & 7	First class.
Malfroy & Co., J. C.	Three-mile ..	" ..	40	16	"
Maori King Gold-dredging Co. ..	Maori Creek ..	Gold-dredging ..	20	7 & 11½	Three second class when working three shifts.
Mardon, Maria Jane	South Spit ..	Flax-mill ..	20	7 & 11	Second class.
Mardon Bros.	" ..	Sawmill ..	15	8½ & 14¾	First class.
Marris, Wm.	Kumara Railway-station	" ..	25	12 & 22	"
Marshall, Maunders, and Black ..	Ho Ho ..	Gold-dredging ..	16	7 & 11½	Three second class when working three shifts.
Mawhera Gold-dredging Co. ..	Grey River ..	" ..	20	8 & 12¾	First class & two second class when working three shifts.
McGregor, E.	Lake Mahinapua	Lifting sand ..	16	8 & 12¾	Second class.
Montezuma Gold-dredging Co. ..	Ho Ho ..	Gold-dredging ..	40	10 & 16	First class & two second class when working three shifts.

RETURN showing the NAMES of OWNERS of BOILERS, &c.—continued.

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engines, in inches.	Class of Driver required.
WESTLAND—continued.					
Mosquito Gold-dredging Co. ..	Mosquito Creek	Gold-dredging ..	20	7 & 11	Three second class when working three shifts.
Mosquito (No. 1) Gold-dredging Co.	Mosquito ..	" ..	16	7 & 11	Ditto.
Mosquito (No. 2) Gold-dredging Co.	" ..	" ..	20	8 & 13	First class & two second class when working three shifts.
Nelson Creek Gold-dredging Co. ..	Nelson Creek ..	" ..	20	7 & 11½	Three second class when working three shifts.
" ..	" ..	" ..	30	8 & 12½	First class & two second class when working three shifts.
New Trafalgar Gold-dredging Co. ..	Not stated ..	" ..	20	8 & 12½	Ditto.
New Woodstock Gold-dredging Co. ..	Woodstock ..	" ..	35	9½ & 14½	"
New Zealand Government Public Works Department	Greymouth ..	Hauling ..	20	Two 10	Exempt under section 63 "Inspection of Machinery Act, 1902."
Ngahere Milling Co. ..	Ngahere ..	Sawmill ..	50	9 & 14	First class.
No Town (No. 2) Gold-dredging Co.	No Town Creek	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
Olderog & Co. ..	Arahura ..	Sawmill ..	17	8 & 12½	First class.
Pactolus Gold-dredging Co. ..	Nelson Creek ..	Gold-dredging ..	32	9 & 14	First class & two second class when working three shifts.
" ..	" ..	" ..	20	7 & 11½	Three second class when working three shifts.
Perotti, George ..	Nelson Creek	Sawmill ..	12	Two 8½	Second class.
Perry, Hegan & Co. ..	South Spit ..	" ..	20	Two 10	"
Prince of Wales Gold-dredging Co. ..	Ross ..	Gold-dredging ..	30	9 & 14	First class & two second class when working three shifts.
Red Jack's Sawmilling Co. ..	Ngahere ..	Sawmill ..	20	14	Second class.
Ross Day-dawn Gold-dredging Co. ..	Ross ..	Gold-dredging ..	20	7 & 11	Three second class when working three shifts.
Shellback Gold-dredging Co. ..	Moonlight ..	" ..	20	7 & 11½	Ditto.
Slab Hut Gold-dredging Co. ..	Slab Hut Creek	" ..	20	7 & 11½	"
Southorn & Co. ..	Ngahere ..	Sawmill ..	16	Two 10	Second class (only).
Stony & Mosquito Leads Gold-dredging Co.	Paroa ..	Gold-dredging ..	20	7 & 11	Three second class when working three shifts.
Stratford & Blair ..	Butler's Siding	Hauling ..	7	Two 7½	Locomotive & traction.
" ..	" ..	" ..	47	14½	First class.
" ..	Greymouth ..	Sawmill ..	35	16	"
" ..	Kotuku ..	" ..	16	8 & 12½	"
Stratford & Son ..	Moana ..	" ..	36	14½	"
Stuart & Chapman ..	Rimu ..	" ..	25	Two 6½	Second class.
Sullivan's Lead Gold-dredging Co. ..	Sullivan Creek	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
Sutherland & Co. ..	Hokitika ..	Road-wagon ..	4	4 & 6½	Locomotive & traction.
Taylor, Joseph ..	Lake Mahinapua	Idle ..	25	Nil	Second class.
Totara Flat Gold-dredging Co. ..	Totara Flat ..	Gold-dredging ..	20	8 & 12½	First class & two second class when working three shifts.
Victory Gold-dredging Co. ..	Nelson Creek ..	" ..	20	8 & 12½	Ditto.
Wallace & Laurie ..	Teoh-bonnie ..	Sawmill ..	22	13½	First class.
" ..	" ..	" ..	25	13	"
Waller & England ..	Craig's Siding ..	" ..	13	18	"
" ..	" ..	" ..	14	18	"
Wanganui-Wataroa Gold-dredging Co.	Saltwater Beach	" ..	20	9 & 14½	"
" ..	Wataroa ..	Gold-dredging ..	30	9 & 14½	First class & two second class when working three shifts.
Wataroa Flax-milling Co. ..	" ..	Flax-mill ..	18	7 & 11½	Second class.
Watson, Robt. ..	Dillmanstown ..	Sawmill ..	14	Two 9	"
Westland Sawmilling Co. ..	Kapitea ..	" ..	20	16	First class.
" ..	" ..	" ..	20	16	"
Wilson, E. A., & Party ..	Marsden ..	Gold-dredging ..	20	7 & 11½	Three second class when working three shifts.
Wilson, G. D., & Co. ..	Kumara Railway-station	Sawmill ..	16	Two 9½	Second class.

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