

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

District and Date of Notice.		Description of Boiler.	Written or Verbal Notice.	Nature of Repairs ordered.
1891.				
NELSON SOUTH.				
May	11 ...	Marine type ...	Written ...	Four additional girders and stays on combustion chamber.
May	20 ...	Cylindrical tubular ...	Written ...	Combustion chamber girders renewed.
June	4 ...	Cornish ...	Written ...	New furnace-crown.
June	4 ...	Water tube ...	Verbal ...	New neck-tubes.
June	15 ...	Portable ...	Written ...	New man-hole door.
NELSON NORTH.				
October	1 ...	Vertical ...	Written ...	Bottom of shell repaired.
October	2 ...	Vertical ...	Written ...	New dog for man-hole door.
October	16 ...	Cornish ...	Written ...	Patches on front plate for blow-off and mud-door.
November	5 ...	Multi-tubular ...	Written ...	Compensating-ring round man-hole.
November	5 ...	Cornish ...	Verbal ...	Crack in furnace repaired.
November	3 ...	Cornish ...	Written ...	New gauge-mountings fitted.
October	8 ...	Multi-tubular ...	Verbal ...	New patch on shell over the fire.
WESTLAND.				
May	25 ...	Portable ...	Verbal ...	To be retubed.
May	25 ...	Multi-tubular ...	Verbal ...	To be retubed.
May	25 ...	Portable ...	Written ...	Two additional dog-stays on crown of furnace.
June	25 ...	Vertical tubular ...	Written ...	New fire-box, and bottom of shell renewed.
TARANAKI.				
November	12 ...	Portable ...	Verbal ...	New studs in blow-off cock gland.
November	20 ...	Multi-tubular ...	Verbal ...	The corroded part of plate round mud-hole cut away and new door fitted.
November	24 ...	Portable ...	Written ...	New plate top of shell, patch in fire-box, and new fusible plug.
November	24 ...	Vertical ...	Written ...	Skirt of fire-box and shell of boiler sheathed.
November	26 ...	Multi-tubular ...	Written ...	One new tube fitted and the others made tight.
December	12 ...	Portable ...	Verbal ...	New longitudinal stay in steam-space, and hand-hole cut.
December	17 ...	Multi-tubular ...	Verbal ...	New doubling-plate round opening of man-hole
December	18 ...	Portable ...	Written ..	New spring-balance to be fitted.

The INSPECTOR of MACHINERY, CANTERBURY DISTRICT, to the SECRETARY, Marine Department.
SIR,—

Christchurch, 13th April, 1892.

I have the honour to forward annual report of boilers and machinery inspected by me in the Canterbury District during the financial year ended the 31st March, 1892, which contains all particulars in the same form as usual.

The number of inspections and amount of fees are nearly the same as last year, but there are a small number of boilers I have not been able to inspect for want of time; also some small boilers used only for chaff-cutting for about six months in the year I have been obliged to pass, in order to get time for the more important inspections of those used for threshing.

Besides my ordinary surveys of local steamers, much of my time has been taken up with marine work such as the repairs to the s.s. "Industry" and the s.s. "Duke of Buckingham," both of which required extensive repairs.

I regret having so many accidents to report for the year. In the case of George Knapp, the owner of mill states he had all protected, but the protection to end of shaft had been removed by Knapp himself. This mill is now used only as a flour-mill.

During the year, 51 new boilers have been inspected for the first time; 35 of these, equal to 254-horse power, are imported boilers, and 16 boilers, equal to 156-horse power, are colonial-made. Of the imported boilers 27 are traction-engines, and are used for threshing. The makers of these engines are increasing in number. The engines and boilers are mostly strongly and carefully constructed, but I regret to say comparatively few of the owners take any care of them, and trust them in the hands of drivers totally incompetent.

There have been no collapses of furnaces during the year, showing that the precautions taken to prevent such accidents have been successful.

Should any further information be required I shall be happy to supply it.

I have, &c.,

GEORGE CROLL,

Inspector of Machinery.

The Secretary, Marine Department, Wellington.