

RETURN showing MACHINERY INSPECTED.

Worked by Steam: Assaying, 1; horse-power, 2. Boiling-down, 2; horse-power, 28. Brickworks, 6; horse-power, 100. Boring and winding, 1; horse-power, 15. Bakeries, 2; horse-power, 14. Bone-mill, 1; horse-power, 10. Breweries, 12; horse-power, 114. Block and pump works, 2; horse-power, 8. Boatbuilding, 2; horse-power, 16. Cabinetmaking factories, 6; horse-power, 19. Coach factories, 2; horse-power, 12. Chair factory, 1; horse-power, 6. Chaff-cutting, 12; horse-power, 44. Cheese factories, 4; horse-power, 18. Cement works, 3; horse-power, 33. Coffee mills, 2; horse-power, 12. Cordial works, 2; horse-power, 6. Dredging, 4; horse-power, 25. Fellmongeries, 2; horse-power, 7. Flour-mills, 8 (also steam and wind, 1); horse-power, 211. Firewood-cutting, 9; horse-power, 32. Fire-engine, 1; horse-power, 4. Gasworks, 2; horse-power, 32. Hoisting, 11; horse-power, 48. Hauling, 9; horse-power, 105. Hat factory, 1; horse-power, 1. Ironworks, 18; horse-power, 107. Leadworks, 1; horse-power, 6. Lifts or elevators, 1; also worked by water, 9; worked by gas, 3. Mortar mills, 9; horse-power, 70. Meat-canning factories, 3; horse-power, 21. Laundries, 2; horse-power, 18. Pumping and winding, 21; horse-power, 796. Phormium-dressing, 4; horse-power, 31. Printing, 2; horse-power, 11. Potteries, 3; horse-power, 38. Pile-driving, 1; horse-power, 5. Quartz-crushing, 7; horse-power, 172. Ropeworks, 1; horse-power, 96. Saw-mills, 40; horse-power, 1,618. Sugar-refining works, 1; horse-power, 10. Soapworks, 3; horse-power, 90. Shipbuilding, 3; horse-power, 26. Sausage-machines, 3; horse-power, 9. Threshing, 9; horse-power, 63. Tanneries, 3; horse-power, 15. Vinegar factory, 1; horse-power, 3. Waterworks, 2; horse-power, 164.

RETURN of NOTICES given to REPAIR BOILERS in the Auckland District during the Financial Year ended the 31st March, 1884.

Date of Notice.	Description of Boiler.	Nature of Repairs ordered.
April 12, 1883	Cornish	Defective place in front end; patch to be fitted.
April 19, ,,	Portable	Tubes defective. To be retubed.
April 26, ,,	Vertical tubular	Patch to be fitted to furnace and spring-balance adjusted.
May 23, ,,	Vertical tubular	Top tube-plate very much reduced by corrosion. The greater part of it to be renewed.
June 5, ,,	Vertical flue	Fracture in flange of vertical flue. Defective part to be renewed.
June 29, ,,	Cornish	Two strengthening-rings to be fitted to furnace-flue and mouthpiece to man-hole.
July 2, ,,	Cornish	Patch to be fitted to bottom, and safety-valve overhauled.
July 14, ,,	Cornish	Four joints in bottom sprung. To be re-riveted and caulked.
July 14, ,,	Cornish	Three joints in bottom sprung. To be re-riveted and caulked.
August 4, ,,	Portable	Patch to be fitted to shell. Water-gauge and safety-valve overhauled.
August 15, ,,	Longitudinal tubular	Riveted patch to be fitted to one of the plates in bottom.
August 21, ,,	Longitudinal tubular	Riveted patch to be fitted to one of the plates in bottom.
August 30, ,,	Cylindrical	Two plates very much reduced by corrosion. To be renewed.
Sept. 10, ,,	Longitudinal tubular	One plate in shell bulged and fractured. To be renewed.
Sept. 18, ,,	Vertical tubular	Ten tubes to be replaced.
October 12, ,,	Longitudinal tubular	Three joints in bottom to be sheathed, and two gusset stays replaced.
October 15, ,,	Portable	Three stays to be replaced, and water-gauge overhauled.
October 19, ,,	Cornish	Two defective joints in bottom. Two patches to be fitted.
Nov. 13, ,,	Vertical tubular	Safety-valve and blow-off tap to be overhauled, and three tubes replaced.
Dec. 12, ,,	Vertical tubular	To be retubed, and patch fitted to shell.
Dec. 14, ,,	Cornish	Strengthening-ring to be fitted to man-hole, and pressure-gauge adjusted.
January 12, 1884	Portable	Top fire-box badly bulged, and tube plate very much sprung. To be retubed, top fire-box made good, and fusible plug fitted.
January 13, ,,	Longitudinal tubular	New. Imported from America. Man-hole to be made, water-gauge and a larger, or additional, safety-valve fitted.
January 16, ,,	Vertical tubular	Patch to be fitted to lower part of furnace.
March 5, ,,	Longitudinal tubular	New. Imported from England. Man-hole to be made, and two additional stays in steam space, to make it fit for the pressure required.
March 11, ,,	Cornish	Two plates in shell, badly bulged, have been renewed. The damage was done by a fire in the mill.
March 13, ,,	Longitudinal tubular	Six tubes to be replaced.

Small defects rectified during my visits are not included.