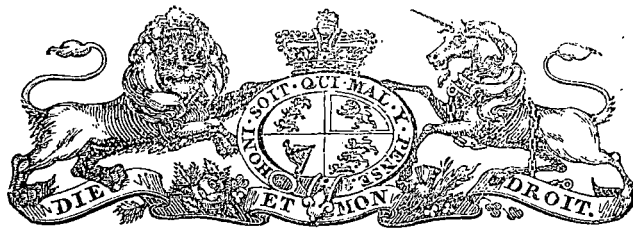


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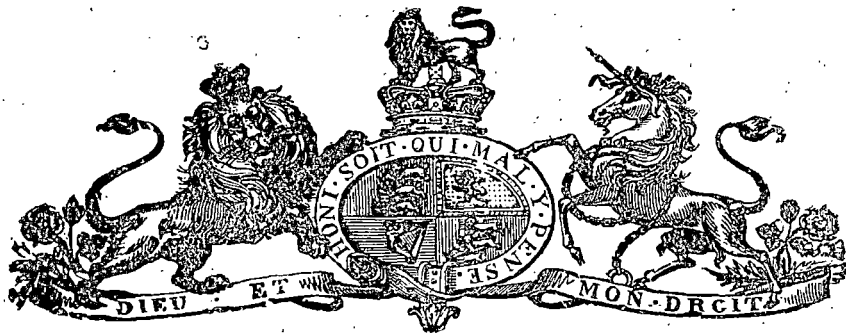
1893.

PARLIAMENT OF TASMANIA.

CHIEF INSPECTOR OF MACHINERY :

REPORT FOR 1892.

Presented to both Houses of Parliament by His Excellency's Command.



*Inspection of Machinery Department, Hobart,
6th February, 1893.*

SIR,
I HAVE the honor to forward you the following Report for the year ending 31st December, 1892.

Construction of Steam Boilers.

All boilers now constructed in the Colony are supervised by the Officers of this Department, in order to secure efficient workmanship and materials.

Inspections made.

Stationary steam boilers, 245; portable steam boilers, 109; machinery only, 55.

Engine Drivers' Certificates.

Applications from all parts of the Colony are constantly coming in for certificates of service and competency. Seventy have been issued during the year,—fourteen for competency, and fifty-six for service.

Port Engineers' Certificates.

There have been several applications for these during the year; but, as the scope or limit for which these certificates are applicable is a much vexed question, no candidates have been examined, pending the revision of the Regulations.

Examinations under "The Merchant Ships Officers Examination Act."

Only one candidate passed successfully, viz., for Competency, Second-Class Engineer. Several other applicants had not the necessary sea service completed.

Machinery Accidents to Persons.

There have been six during the year,—one man (John Mazey) being killed at Recherche. A piece of timber caught on the top of a circular saw, was driven forward, and struck the man in the chest. This could not have been prevented by guards of any sort. The other accidents were of a trivial nature, and all the result of carelessness on the part of those hurt.

Boiler Accidents.

Five have taken place, including the bursting of an oil drum at Geo. Bond's Brass Foundry, Cimitiere-street, Launceston, whereby five persons were injured. The other accidents were trivial, and caused no injury to any person.

Fees received.

Inland fees received, £449 5s.

Fees unpaid.

These amount to £161.

Steam Gauges.

Tested and found serviceable, 61; unserviceable, 9.

Steam Vessels under Survey.

Hobart, 31; Launceston, 13; Devonport and other ports, 5. Total marine inspections made, 131.

Iron Hulls inspected.

Hobart, 6; Launceston, 2.

Synopsis of other Duties performed by the Department.

Engineer and Iron Shipwright Surveyor, and Examiner in Steam to Hobart, Launceston, and Mersey Marine Boards. Inspection and supervision of machinery at Government Printing Office and Parliament Buildings; inspection and testing of steam boilers, Defence Department; supervision of repairs and refit to torpedo boat, No. 191; examination of Mining and other Land Engine Drivers, also of Engineers under "The Merchant Ships Officers Examination Act; conducting experiments and tests of various coals for the Government, and classifying same; reporting and preparing plan for new boiler and laundry machinery at the Hospital for Insane, New Norfolk; reporting upon condition of boiler at Launceston Hospital, &c.

I have the honor to be,

Sir,

Your obedient Servant,

JOHN CLARK,
Chief Inspector of Machinery.

The Hon. the Chief Secretary, Tasmania.

RETURN of Inspections made during the Year ending 31st December, 1892.

Stationary steam boilers	245
Portable steam boilers	109
Machinery only.....	55
Steam boilers found defective	27
Ditto condemned	3
Proprietors instructed to fence off (dangerous places)	6
Steam gauges tested and found serviceable.....	61
Ditto unserviceable	9
Machinery accidents reported ending fatally	1
Ditto trivial	5
Steam marine inspections	131
Iron hulls inspected	8
Number of Certificates granted to Engine Drivers	70
Number of Certificates granted under "The Merchant Ships Officers Examination Act".....	1
