

RETURN of DEFECTS found in BOILERS and FITTINGS in the AUCKLAND DISTRICT during the Financial Year ended the 31st March, 1888.

Description.	Dangerous.	Ordinary.	Total.
Furnace-flues and fire-boxes out of shape ... ..	...	5	5
Blistered plates... ..	...	2	2
Fractured plates	2	9	11
Pitted and grooved plates	1	2	3
Corrosion, internal	2	2	4
Corrosion, external ... ..	...	8	8
Defective tubes ... ..	...	4	4
Defective stays ... ..	...	1	1
Manholes requiring strengthening ... ..	...	1	1
Joints sprung ... ..	...	3	3
Total defects in boilers	5	37	42
Defective fittings—			
Safety-valves... ..	...	7	7
Pressure-gauges ... ..	...	6	6
Water-gauges and test-cocks ... ..	...	16	16
Spring-balances ... ..	...	1	1
Steam-pipes ... ..	...	1	1
Feed-pipes ... ..	...	2	2
Blow-off cocks ... ..	...	3	3
Fusible plugs ... ..	...	3	3
Omissions—			
Boilers without test-cocks ... ..	...	1	1
Gross total	5	77	82

Three of the boilers found in a dangerous state have been thoroughly repaired, and two condemned.

RETURN of ACCIDENTS to LIFE and LIMB which have occurred in connection with LAND BOILERS and MACHINERY in the AUCKLAND DISTRICT during the Financial Year ended the 31st March, 1888.

Name and Address of Owner.	Description of Machinery.	Name of Person injured.	Nature of Accident.	Fatal or not.	Cause of Accident, and Remarks.
Colonial Ammunition Company	Drawing-press	Polly Messon, aged 14 years	Part of one finger taken off, 22nd April, 1887	Not ..	Employed at a drawing-press, and caught by the punch when attempting to remove a piece of metal from below it.
Union Sash and Door Company	Drag-bench..	Michael McGrath, aged 20 years	Four fingers taken off, 12th June, 1887	Not ..	Was working at a drag-bench, when his left hand slipped, and came in contact with the circular saw.
Auckland Fibre Company	Drawing-frame	Denis Donovan, aged about 14 years	Right arm badly crushed	Not ..	Employed at the Fibre Company's Works, when his arm was drawn in between one of the wheels (and guard fixed for protection) of a drawing-frame. His arm, being badly bruised, was afterwards amputated. He had nothing whatever to do with the machine. It is not known for what purpose he went near it, nor is he altogether clear how it occurred. The guard referred to is fixed over the wheel, with an opening in centre for lubricating.
Colonial Ammunition Company	Drawing-press	Beatrice Revell, age not given, supposed about 15 years	Two fingers crushed	Not ..	Engaged at a drawing-press, when she thoughtlessly reached her hand in to clean a small pinion-wheel, when two of her fingers were drawn in and crushed. This accident, and that of the 22nd April, 1887, occurred in the same factory. The manager's instructions are, that the working parts of the presses are not to be touched while in motion; in fact, the duties that the girls have to perform do not necessitate it. The presses are of the most simple description, making only ten strokes per minute; and with ordinary care no accident should occur.