

RETURN of DEFECTS found on the INSPECTION of BOILERS and FITTINGS in the CANTERBURY DISTRICT during the Financial Year ending the 31st March, 1887.

| Description of Defects. | Dangerous. | Ordinary. | Total. |
|---|------------|-----------|--------|
| Bulge in fire-box caused by dirt | ... | 1 | 1 |
| Crown of boiler getting thin | ... | 3 | 3 |
| Crown of fire-box down | ... | 2 | 2 |
| Cracks in uptake | 2 | ... | 2 |
| Cracks in fire-box | 1 | 5 | 6 |
| Cracks in crown-plate between tubes | 1 | ... | 1 |
| Cracks in plate over fire | 1 | ... | 1 |
| Collapse of uptake | 1 | ... | 1 |
| Fire-box stays wasted or broken | 2 | ... | 2 |
| Grooving at neck of uptake | ... | 1 | 1 |
| Leakage at seams over fire (Cornish) | ... | 3 | 3 |
| Plates wasted from leakage at doors | 1 | 2 | 3 |
| Patches in fire-box | ... | 7 | 7 |
| Pressure-gauges bad | 1 | 3 | 4 |
| Thin in fire-box | 1 | 4 | 5 |
| Tops of domes require staying | ... | 2 | 2 |
| Tubes getting thin in smoke-box | ... | 3 | 3 |
| Vat-stays and crown-plates wasted | 2 | 1 | 3 |
| Vat-ends not sufficiently stayed | 1 | 1 | 2 |
| Total | 14 | 38 | 52 |

RETURN of NOTICES given to FENCE DANGEROUS PARTS of MACHINERY in the CANTERBURY DISTRICT during the Financial Year ended 31st March, 1887.

| Date of Notice. | Description of Machinery. | Notice. | Parts required to be fenced. |
|-----------------|---------------------------|-------------|---|
| 1886. | | | |
| May 21 ... | Woollen-mills ... | Verbal ... | Small gearing and belts of carding machines; fly-wheel of engine; pulley of wool-washing machine. |
| July 9 ... | Hydraulic lift ... | Verbal ... | Fly-wheel of gas-engine and pumps. |
| Aug. 10 ... | Brick-machinery ... | Written ... | Pump-gearing and lying shaft. |
| Dec. 29 ... | Woollen-mills ... | Written ... | Small gearing and belts of carding machines. |
| 1887. | | | |
| Mar. 10 ... | Oatmeal-mill ... | Verbal ... | First driving-belt in engine-room, and one small driving-belt. |

RETURN of MACHINERY INSPECTED in the NELSON SOUTH DISTRICT during the Financial Year ended the 31st March, 1887.

| Description of Machinery. | Steam. | Steam and Water. | Water. | Steam and Wind. |
|---------------------------|--------|------------------|--------|-----------------|
| Brewery | 1 | ... | ... | ... |
| Colliery | 1 | ... | ... | ... |
| Cranes and winches | 5 | ... | ... | ... |
| Ironworker | 1 | ... | ... | ... |
| Pumping | 1 | ... | ... | ... |
| Quartz-crushing | 3 | ... | ... | ... |
| Saw-mills | 6 | ... | ... | ... |
| Winding | 3 | ... | ... | ... |

RETURN of DEFECTS found on the INSPECTION of BOILERS in the NELSON SOUTH DISTRICT during the Financial Year ended the 31st March, 1887.

| Description of Defects. | Dangerous. | Ordinary. | Total. |
|--|------------|-----------|--------|
| Internal corrosion from using bad feed-water | 2 | ... | 2 |
| Lamination in plate | ... | 1 | 1 |
| Leakage in fire-box, and inside of boiler dirty | ... | 1 | 1 |
| Leakage in bottom of boiler | ... | 1 | 1 |
| Total | 2 | 3 | 5 |