

RETURN of DEFECTS found on INSPECTION of BOILERS during the Financial Year ending 31st March, 1893—*continued.*

Description of Defects.	Dangerous.	Defective in Lesser Degree.	Total.
<i>Digesters Defective.</i>			
Landings wasted ... ..	...	12	12
Longitudinal stays wasted ... ..	2	2	4
Rivets wasted and loose ... ..	...	18	18
	2	32	34

*Defective Fittings found on Inspection of Boilers for which Notice was given to Renew.*

5 blow-off cocks.	20 safety-valves.
2 feed-pumps.	12 spring-balances.
6 feed-valves.	13 sludge-hole doors.
12 fusible plugs.	22 water-gauge cocks.
16 pressure-gauges.	

No. 4.—RETURN of NOTICES given to REPAIR BOILERS during the Financial Year ending the 31st March, 1893.

No.	Type.	Description of Repairs.
2	Cornish ... ..	Renew angle-iron on neck of flue-tube.
2	" ... ..	Strengthening pieces fitted to angle-iron on neck of flue-tube.
2	" ... ..	Longitudinal stays fitted in steam space.
1	" ... ..	Furnace crown-plate, back end plate, and one plate in shell renewed.
3	" ... ..	Patches on shell under blow-off cock.
4	" ... ..	Compensating-ring round man-hole.
2	Fire-engines ... ..	Renew joints of boiler where bolted together.
1	Lancashire ... ..	Renew rivets in four gusset-stays.
4	Locomotive ... ..	Renew broken rivets in fire-box.
2	" ... ..	Boilers all renewed, except fire-boxes (which were copper).
2	" ... ..	Palm-stays renewed.
4	" ... ..	Longitudinal stays renewed.
7	" ... ..	Stripped, tubes drawn, repaired, retubed, and tested.
2	" ... ..	Mouth-piece in furnace renewed.
1	" ... ..	Shell-plate renewed.
1	Marine ... ..	Bottom of combustion-chamber renewed.
4	Multitubular ... ..	New plates in shell over fire.
5	" ... ..	Pieces of plate cut out over fire, and riveted patches fitted.
5	" ... ..	Patches under blow-off cock.
2	" ... ..	New tube-plates.
7	" ... ..	New half tube-plates.
6	" ... ..	Compensating-rings round man-hole.
6	" ... ..	Longitudinal stays renewed.
2	" ... ..	Additional stays and stay-tubes fitted.
6	" ... ..	Retubed.
4	Portable ... ..	Fire-boxes renewed.
5	" ... ..	Crown of fire-boxes renewed.
2	" ... ..	Tube-plates renewed.
16	" ... ..	Patches on fire-boxes.
14	" ... ..	Retubed.
18	" ... ..	Repairs to shell.
25	" ... ..	Fire-box stays renewed.
4	" ... ..	Additional girders and stays on furnace crown.
8	" ... ..	Longitudinal stays renewed.
2	Semitubular ... ..	Furnaces renewed.
3	" ... ..	Retubed.
1	" ... ..	Repairs to shell.