

No. 2.—RETURN OF DEFECTS FOUND ON INSPECTION OF BOILERS DURING THE FINANCIAL YEAR ENDED
THE 31ST MARCH, 1912.

Description of Defects.	Dangerous.	Defective in Lesser Degree.	Total.
A number of rivets in shell defective	1	1
All screwed stays in firebox bad	1	..	1
All sling stays defective	1	..	1
Angle collars on uptake wasted	2	2
Back end of furnace wasted	1	1
Back end-plate pitted	1	1
Badly pitted	1	1
Boilers dirty inside	2	48	50
Bottom of firebox wasted	2	2
Bottom of shell thin	1	2	3
Brickwork-setting defective	10	10
Bulged slightly at back end	3	3
Bulged under bottom of shell	10	10
Corroded internally	1	1
Coupling-pins in longitudinal stays defective	2	2
Cracked in firebox	1	1
Cracked slightly at a number of rivet-holes	18	18
Cross-tubes wasted	2	2
Crown of boiler wasted	3	3
Crown of firebox bad	1	2	3
Crown of firebox badly bulged	3	3
Crown of firebox cracked	1	1
Crown of firebox slightly bulged	4	4
Crown of firebox wasted	2	2
Crown plate of boiler bad	1	..	1
Eight screwed stays in firebox bad	1	1
Eighty-four screwed stays in firebox bad	1	..	1
Fifteen tubes bad	1	1
Fifty tubes bad	1	1
Firebox general waste	8	..	8
Firebox sides bulged	3	3
Firebox sides thin	2	3	5
Fire-door-ring cracked at corners	1	1
Five screwed stays in throat-plate broken	1	1
Flanging of furnace cracked	1	1
Forty-two screwed stays in firebox bad	1	..	1
Forty-three rivets in shell defective	1	1
Foundation-rings round bottom of firebox wasted	3	3
Four stay-tubes bad	1	1
Fourteen screwed stays in firebox bad	1	1
Front tube-plates wasted	2	2
Furnace-crowns down	1	1
Furnace-crowns wasted (pressure reduced)	2	2
Furnaces thin at bottom	1	1
Galloway tube bulged	1	1
Galloway tubes thin	2	2
General deterioration (pressure reduced)	90	90
Girders on crown of firebox wasted	2	2
Girder-stays defective	1	1
Grooved at foundation-ring	2	2
Grooved on furnace-crowns	1	1
Grooved on tube-plates	1	1
Gusset-stays defective	3	3
Hanger bracket for boiler defective	1	1
Lamination in bottom shell-plate	3	3
Lamination in furnace-plate	1	1
Leaking at corners of foundation-ring	2	2
Longitudinal seams wasted	1	1
Longitudinal stays wasted	6	6
Manhole-doors bad	15	15
Manhole-door riveting defective	2	2
Manhole-door spigots defective	7	7
Mudhole-doors bad	5	32	37
Mudhole-door dogs bad	2	2
Mudhole-door studs bad	6	6