

No. 2.—RETURN of DEFECTS found on Inspection of Boilers during the Financial Year ended the 31st March, 1910.

Description of Defects.	Dangerous.	Defective in Lesser Degree.	Total.
A number of rivets in shell bad	...	2	2
All screwed stays in firebox bad	2	...	2
Angle-iron collar on top of uptake defective	...	2	2
Back end-plate pitted	...	1	1
Back tube-plates bulged	...	2	2
Back tube-plate thin	...	1	1
Barrel of boiler wasted	...	2	2
Boilers dirty inside	...	63	63
Bottom of firebox wasted	...	1	1
Bottom of shell thin	3	5	8
Bottom row of tubes bad	...	2	2
Brickwork-setting defective	1	17	18
Bulged slightly at back end	...	4	4
Bulged under bottom of shell	...	4	4
Compensating-ring round manhole wasted	...	1	1
Corroded internally	...	12	12
Coupling-pins in longitudinal stays bad	...	2	2
Cracked at back tube-plate	...	2	2
Cracked in firebox (pressure reduced)	...	2	2
Cracked slightly at a number of rivet-holes	...	11	11
Cracked slightly in firebox	...	4	4
Cracked under bottom of shell	...	2	2
Cross-tubes thin	...	2	2
Crown of boiler wasted	...	2	2
Crown of firebox bad	...	1	1
Crown of firebox badly bulged	2	1	3
Crown of firebox slightly bulged	...	3	3
Crown of firebox wasted	...	10	10
Crown of steam-dome wasted	...	1	1
Eighteen tubes bad	...	3	3
Eleven rivets in front end-plate defective	...	1	1
Eleven screwed stays in firebox bad	...	1	1
End-plate at top half defective	...	1	1
Fifty screwed stays in firebox bad	1	...	1
Fifty-two screwed stays in firebox bad	1	...	1
Firebox badly pitted	...	1	1
Firebox bulged at back end and crown leaking	...	1	1
Firebox general waste	8	8	16
Firebox-sides bulged	...	2	2
Firebox-sides thin	...	4	4
Firebox thin (pressure reduced)	...	3	3
Firebox thin at back left-hand corner	...	1	1
Firebox wasted on outside shell	...	1	1
Five rivets in foundation-ring bad	...	1	1
Five stay-tubes defective	...	1	1
Forty-four screwed stays bad	...	1	1
Forty-three screwed stays bad	...	1	1
Forty-two screwed stays bad	...	1	1
Forty screwed stays bad	...	3	3
Foundation-rings round bottom of firebox defective	...	7	7
Four stay-tubes bad	...	1	1
Fourteen tubes bad	...	2	2
Front plates wasted	...	4	4
Front tube-plates wasted	...	4	4
Front tube-plate wasted (pressure reduced)	...	1	1
Furnace-crowns down	...	3	3
Furnace-crowns wasted	...	4	4
Furnaces thin at bottom	...	3	3
Furnaces thin at sides	...	4	4
Furnaces weak; have been strengthened	...	2	2
Galloway tubes thin	...	1	1
General deterioration (pressure reduced)	...	106	106
Girders on crown of firebox wasted	...	5	5
Girder-stays defective	...	2	2
Grooved at front end of furnaces	...	2	2
Grooved on end-plate at edge of angle-irons	...	1	1
Grooved on furnace-crowns	...	2	2