

NO. 2.—RETURN OF DEFECTS FOUND ON INSPECTION OF BOILERS DURING THE FINANCIAL YEAR
ENDED THE 31ST MARCH, 1913.

Description of Defects.	Dangerous.	Defective in Lesser Degree.	Total.
A number of rivets in furnace bad	..	1	1
A number of rivets in shell bad	..	2	2
All screwed stays in firebox bad	4	..	4
Angle-iron collar on top end of uptake defective	..	1	1
Angle-iron stay connections defective	..	1	1
Back head-plate wasted at bottom	..	1	1
Back tube-plate bulged	..	2	2
Badly bulged on bottom of shell	4	..	4
Badly pitted inside shell	..	6	6
Boilers dirty inside	..	37	37
Boilers very dirty inside	4	..	4
Bolts in gusset-stays defective	..	1	1
Bottom of firebox thin	..	1	1
Bottom of shell defective	1	5	6
Bottom row of tubes bad	..	1	1
Brickwork setting defective	..	16	16
Bulged under bottom of shell	..	9	9
Bulged under fire-door	..	1	1
Circumferential seams wasted	..	1	1
Compensating-ring round manhole-opening defective	..	1	1
Corners of firebox wasted	..	1	1
Corroded internally	..	5	5
Coupling-pins in diagonal stays bad	..	1	1
Coupling-pins in longitudinal stays bad	..	1	1
Cracked slightly at landings.. ..	..	3	3
Cracked slightly in firebox	..	4	4
Cracked under bottom of shell	1	1	2
Crown of boiler wasted	..	3	3
Crown of firebox and girders buckled	..	1	1
Crown of firebox cracked	..	1	1
Crown of firebox slightly bulged	..	4	4
Crown of firebox wasted	..	9	9
Crown of firebox wasted (pressure reduced)	..	1	1
Crown of firebox wasted badly	1	..	1
Crown of steam-dome wasted	..	1	1
Eight screwed stays in firebox bad	..	1	1
Eight tubes bad	..	1	1
Eighteen screwed stays in firebox bad	..	1	1
Eighteen tubes bad	..	1	1
Eleven rivets in shell bad	..	1	1
Eleven screwed stays in firebox bad	..	1	1
Eleven tubes bad	..	1	1
Expansion-rings defective	..	1	1
Fifteen rivets defective	..	1	1
Fifteen screwed stays in firebox bad	..	3	3
Firebox general waste	5	..	5
Firebox-sides bulged	..	3	3
Firebox-sides thin	2	7	9
Firebox thin (pressure reduced)	..	3	3
Firebox wasted on outside shell	..	4	4
Five rivets in tube-plate bad	..	1	1
Five rows of tubes bad	..	1	1
Flanges of cross-tubes wasted	..	1	1
Flanges of galloway tubes wasted	..	1	1
Forty-eight screwed stays in firebox bad	1	..	1
Foundation-rings round bottom of firebox defective	..	7	7
Fourteen screwed stays in firebox bad	..	1	1
Fourteen tubes bad	..	1	1
Front tube-plate wasted	..	2	2
Furnace-crowns slightly down	..	2	2
Furnace-crowns wasted	..	2	2
Furnaces thin	1	..	1
Furnace wasted at end	..	1	1
Galloway tubes thin	..	1	1
General deterioration (pressure reduced)	..	164	164