

No. 2.—RETURN OF DEFECTS—*continued*.

Description of Defects.	Dangerous.	Defective in Lesser Degree.	Total.
Crown of firebox corroded	5	14	19
Crown of steam-dome wasted ... ..	...	2	2
Crown of boiler wasted	2	11	13
Crown-stays of firebox wasted and tubes bad ... ..	...	2	2
Defective dogs on mudhole-doors ... ..	...	6	6
Defective dogs on manhole-doors ... ..	...	1	1
Defective furnaces ... ..	...	5	5
Fireboxes general waste	6	14	20
Five rivets bad in smoke-box tube-plate ... ..	...	1	1
Foundation-rings round bottom of firebox defective ... ..	...	10	10
Furnace-bottom wasted	1	2	3
Furnace bulged ... ..	...	13	13
Furnace-crowns wasted ... ..	...	7	7
Furnace grooved under bottom seams ... ..	...	4	4
Four screwed stays bad ... ..	...	1	1
Four longitudinal stays wasted ... ..	...	1	1
Front tube-plates wasted ... ..	...	5	5
Grooved at bottom of firebox ... ..	...	2	2
Grooved on crown of boiler ... ..	...	1	1
General deterioration (pressure reduced) ... ..	...	122	122
Grooved round shell at front end ... ..	...	2	2
Grooved at bottom of shell ... ..	...	2	2
Girder-stays defective ... ..	...	2	2
Girders on firebox-crown wasted ... ..	...	4	4
Laminated plate in furnace ... ..	...	3	3
Leaky seams ... ..	...	10	10
Leaky stay-nuts at back end of boiler ... ..	...	4	4
Longitudinal seams wasted ... ..	...	2	2
Longitudinal stays wasted	5	15	20
Manhole-doors bad	2	14	16
Manhole-door studs bad ... ..	...	3	3
Mudhole-doors bad	1	33	34
Mudhole-door studs bad ... ..	...	29	29
Mudhole-plugs bad ... ..	...	3	3
Nine tubes and two stays bad ... ..	...	1	1
Mud-drums corroded ... ..	...	2	2
Patches defective ... ..	...	21	21
Shell wasted at bottom inside	1	5	6
Shell wasted at bottom circumferential seams ... ..	...	6	6
Shell wasted at crown of boiler ... ..	...	7	7
Shell wasted round mudhole-openings ... ..	...	54	54
Shell wasted where blow-off cock jointed on boiler	1	19	20
Shell wasted where safety-valves jointed on boiler ... ..	...	4	4
Shell wasted round skirting ... ..	...	6	6
Shell wasted where feed-pump jointed on boiler ... ..	...	1	1
Shell wasted in line with brickwork ... ..	...	2	2
Sides of firebox bulged ... ..	...	10	10
Shell wasted round mountings ... ..	...	3	3
Six screwed stays in firebox bad ... ..	...	4	4
Six tubes bad ... ..	...	2	2
Sixteen tubes bad ... ..	...	1	1
Sling-stays wasted on crown of boiler ... ..	...	2	2
Stays in steam-dome wasted ... ..	...	1	1
Thirteen tubes bad ... ..	...	1	1
Three tubes bad ... ..	...	4	4
Three stay-tubes bad ... ..	...	1	1
Three main stays and three screwed stays bad ... ..	...	1	1
Throat-plates thin	1	1	2
Tubes bad	12	75	87
Tube-plates bad	9	15	24
Tube-plates wasted ... ..	...	26	26
Tube-ends leaking ... ..	...	5	5
Uptake cracked	1	...	1
Uptakes wasted	6	10	16
Vertical stays wasted ... ..	...	3	3
Wasted on crown of firebox where fusible plug fitted ... ..	...	8	8
Wasted at line of firebars ... ..	...	11	11
Wasted round furnace-door ... ..	...	4	4
Washers on longitudinal stays bad ... ..	...	1	1
Totals	82	882	964