

No. 2.—RETURN of DEFECTS, ETC.—*continued.*

Description of Defects.	Dangerous.	Defective in Lesser Degree.	Total.
Girders on crown of firebox wasted .. .. .		7	7
Girder-stays defective .. .. .		4	4
Grooved at foundation-ring .. .. .		1	1
Grooved on furnace-crown .. .. .		1	1
Grooved round circumferential seams on bottom .. .. .		1	1
Grooved round flanges of galloway tubes .. .. .		1	1
Grooved round uptake on crown of firebox .. .. .		2	2
Grooved slightly at back tube-plate .. .. .		1	1
Gusset-stays defective .. .. .		1	1
Laminated plate in shell .. .. .		1	1
Longitudinal seams wasted .. .. .		1	1
Longitudinal stays wasted .. .. .		3	3
Manhole-doors bad .. .. .		14	14
Manhole-door dogs bad .. .. .		2	2
Manhole-door riveting defective .. .. .		2	2
Manhole-door spigots defective .. .. .		15	15
Manhole-door studs bad .. .. .		8	8
Manhole-opening in shell wasted .. .. .		10	10
Mud-drums thin .. .. .		1	1
Mudhole-doors bad .. .. .		46	46
Mudhole-door dogs bad .. .. .		3	3
Mudhole-door studs bad .. .. .		10	10
Nine tubes bad .. .. .		2	2
Nineteen tubes bad .. .. .		1	1
One hundred and twenty-six screwed stays in firebox bad .. .. .	1		1
One stay-tube bad .. .. .		1	1
Patches defective .. .. .		9	9
Pitting badly in bottom of shell .. .. .		1	1
Pitting badly in places .. .. .		2	2
Pitting on crown of furnace .. .. .		1	1
Pitting slightly internally .. .. .		3	3
Rivets in bottom of shell wasted .. .. .		4	4
Rivets in foundation-ring defective .. .. .		1	1
Rivets in gusset-stays defective .. .. .		1	1
Rivets in header defective .. .. .		2	2
Rivets in manhole compensating-ring bad .. .. .		3	3
Rivets in steam-dome defective .. .. .		1	1
Seams defective .. .. .		2	2
Seventy tubes bad .. .. .		1	1
Several rivets bad in tube-plate .. .. .		1	1
Several rivets bad in shell .. .. .		6	6
Several rivets in mud-drum bad .. .. .		1	1
Several rivets in uptake defective .. .. .		1	1
Several screwed stays in firebox bad .. .. .		24	24
Several stay-nuts defective .. .. .		1	1
Several tubes bad .. .. .		20	20
Shell wasted at bottom landings .. .. .		4	4
Shell wasted at foundation-ring .. .. .		2	2
Shell wasted at mudhole-openings .. .. .		80	80
Shell wasted externally .. .. .		3	3
Shell wasted under mountings .. .. .		2	2
Shell wasted where blow-off cocks jointed to boiler .. .. .		5	5
Shell wasted where check-valve chests jointed to boiler .. .. .		2	2
Shell wasted where feed-pump connected to boiler .. .. .		1	1
Shell wasted where safety-valve chests jointed to boiler .. .. .		1	1
Shell wasted where stop-valves jointed to boiler .. .. .		2	2
Sixteen screwed stays in firebox bad .. .. .		2	2
Sixteen tubes bad .. .. .		1	1
Sixty-six screwed stays in firebox bad .. .. .	1		1
Stay-nuts bad .. .. .		2	2
Stay-tubes bad .. .. .		2	2
Stop-valve connection defective .. .. .		1	1
Studs in steam-dome defective .. .. .		1	1
Ten screwed stays in firebox bad .. .. .		2	2
Ten tubes bad .. .. .		3	3
Thirty screwed stays in firebox bad .. .. .		1	1