

BOILER SPECIFICATION CARD

Locomotive No. _____; Boiler No. _____; Date built _____

Boiler built by: _____

Owned by: _____

Operated by: _____

Type of boiler: _____; Dome, where located: _____

BOILER SURVEY DATA

Where **condition** is called for, use: **New** - New material at the time of the boiler survey; **Good** - Little or no wear and/or corrosion; **Fair** - Obvious wear and/or corrosion.

Boiler Shell Sheets

Material:	Type of Material <small>(wrought iron, carbon steel, or alloy steel)</small>	Carbon Content	Condition
1st course (front)	_____	_____	_____
2nd course	_____	_____	_____
3rd course	_____	_____	_____
Rivets	_____	n/a	n/a

Documentation of how material was determined shall be attached to this form.

Measurements:

	At Seam	Thinnest		
Front flue sheet, thickness	n/a	_____		
1st course, thickness	_____	_____	ID _____	, ID _____
2nd course, thickness	_____	_____	ID _____	, ID _____
3rd course, thickness	_____	_____	ID _____	, ID _____

When courses are not cylindrical give ID at each end

Is boiler shell circular at all points? _____

If shell is flattened, state location and amount _____

Are all flattened areas of shell stayed adequately for the pressure allowed by this form? _____

Water Space at Mud Ring: Sides _____, Front _____, Back _____

Width of water space at sides of fire box measured at center line of boiler: Front _____, Back _____

Firebox and Wrapper Sheets

Firebox sheets:	Thickness	Material	Condition
Rear flue sheet	_____	_____	_____
Crown	_____	_____	_____
Sides	_____	_____	_____
Door	_____	_____	_____
Combustion chamber	_____	_____	_____
Inside throat	_____	_____	_____

Wrapper sheets:

Throat	_____	_____	_____
Back head	_____	_____	_____
Roof	_____	_____	_____
Sides	_____	_____	_____