

SPECIFICATION OF A NARROW GAUGE PASSENGER LOCOMOTIVE

Built by the Canadian Locomotive Company, Ltd., Kingston, Ontario

FOR THE CANADIAN GOVERNMENT RAILWAYS, PRINCE EDWARD ISLAND.

FUEL	Bituminous Coal.	HEATING SURFACE	850 ft.
GAUGE	3 ft. 6 ins.	WEIGHT IN WORKING ORDER	70,000 lbs.
CYLINDERS	15 ins. x 20 ins.	WEIGHT ON DRIVING WHEELS	45,000 lbs.
DIAMETER OF DRIVING WHEELS	54 ins.	RIGID WHEEL BASE	7 ft. 9 ins.
“ “ BOILER MAXIMUM	53 $\frac{7}{8}$ ins.	TOTAL ENGINE WHEEL BASE	38 ft. 6 ins.



ASH PAN	Fitted with double dampers.	GUIDES	Hammered steel.
BOILER	Radial stayed with extended waggon top entirely of steel.	HEADLIGHT	Manufactured by Adams & Westlake, Chicago, Ill., U.S.A.
“ TUBES	Manufactured by the Mannesman Tube Works, Dusseldorf, Germany.	LUBRICATOR	Detroit, No. 20, man'f'd by the Detroit Lubricator Co., Detroit, Mich.
BRICK ARCH	Manufactured by Hall & Sons, Buffalo, N.Y., U.S.A.	LAGGING	“Magnesia,” manufactured by the H.W. Johns Manville Co., New York
BRAKES	Westinghouse Automatic Brake and Air Signal.	PACKING	Metallic, for piston and valve rods.
CONNECTING RODS	Channeled, fitted with straps and keys.	SIGNAL LAMPS	Manufactured by the N. & L. Piper Ry Supply Co., Toronto, Canada.
COUPLING RODS	Channeled, fitted with solid bushings.	SMOKE BOX	Fitted with netting and deflector, arranged for self cleaning.
CROSSHEADS	Cast steel, lined with tin.	SAND VALVES	J. B. Wilson, patent, Toronto, Canada.
CYLINDERS	15 in. x 20 in. Cast iron.	STEAM HEATING	Gold system.
COUPLERS	Manufactured by the Monarch Coupler Co., Detroit, Mich., U.S.A.	SLIDE VALVES	J. T. Wilson patent high pressure valve, American Balanced Valve Co., New York U.S.A.
DRIVING WHEELS	54 in. diameter, Cast iron centres, Krupp steel tires.	TANK	Steel, capacity 2800 Imp. gallons.
“ AXLES	Hammered steel.	TENDER FRAME	Channel steel.
ENGINE TRUCK	Centre bearing with lateral motion bolster.	“ TRUCK	Steel, with lateral motion bolsters.
“ “ WHEELS	Wrought iron centres with Krupp steel tires and Mansell rings.	“ “ WHEELS	Wrought iron centres with Krupp steel tires and Mansell rings.
FRAME	Hammered iron.	“ BRAKE BEAMS	National hollow, man'f'd by the Chicago Railway Equipment Co., Chicago, Ill.
GRATE	Rocking type, finger pattern.	VARNISH	Manufactured by the McCaskill, Dougall Co., Montreal, Canada.