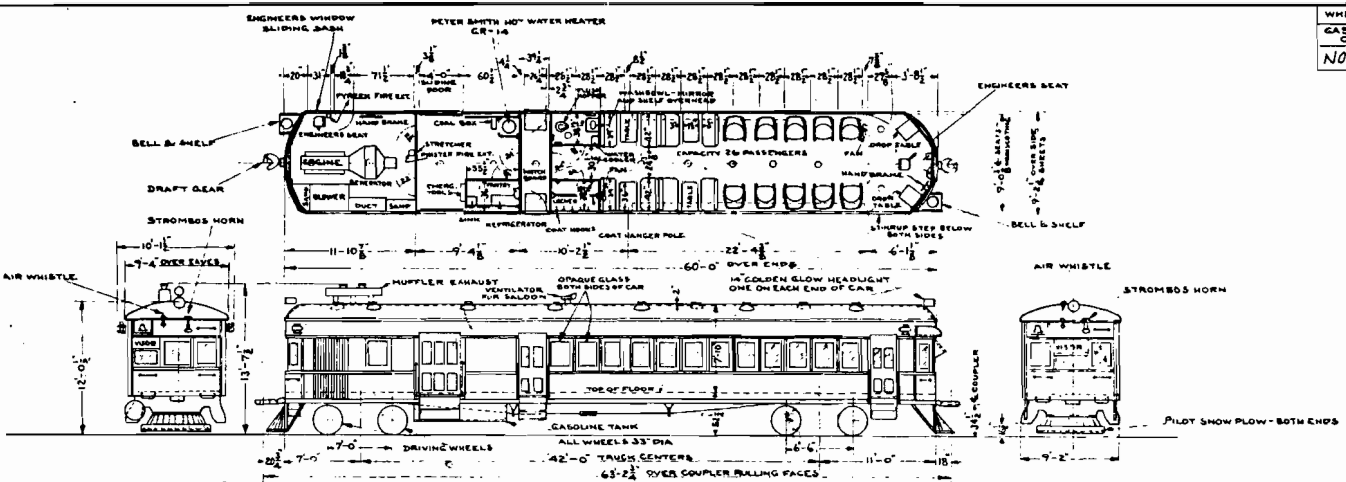
WHERE USED
GAS RAIL CAR
NO. 9



DESCRIPTIVE DATA

MOTOR:- BRILL-WESTINGHOUSE, 6 CYL., 7¼ BORE, 8" STROKE, 250 HP @ 1100 R.P.M. WITH DUAL MAGNETO IGNITION AND 2 STARTING MOTORS ON FLYWHEEL. FUEL SUPPLY - VACUUM TANK AND AUTOPULSE.

TRACTION MOTORS:- W.E.&M.CO'S TYPE 557-A-3-2 ON DRIVE TRUCK ONLY. 1 HOUR RATING - 140 HP, 600 VOLTS, 202 AMPS @ 900 R.P.M. CONTINUOUS RATING - 600 VOLTS, 130 AMPS.

CONTROL:- W.E.&M.CO'S DOUBLE END THROTTLE-AUTOMATIC-32 VOLT CONTROL.

GENERATOR:- W.E.&M.CO'S TYPE 176-A, 600 VOLTS, 267 AMPS, 160 KW @ 1100 R.P.M.
EXCITER:- W.E.&M. CO'S TYPE YG-6A.

BRAKE:- W.A.B. AUTOMATIC, SCHEDULE AML-16x12 TYPE "R" CYL., TYPE "J" SLACK ADJUSTER, WITH STRAIGHT AIR FEATURE AND W.E.M.CO'S TYPE DH-25 600 VOLT MOTOR DRIVEN AIR COMPRESSOR.

BUILDER:- N.Y. O.&W.R.R., CAR NO. 802, BUILT NEW IN 1925 BY J.G. BRILL CO. PURCHASED 2ND HAND BY N.Y.,N.H.&H.R.R. IN 1933.

TRUCKS:- DRIVE TRUCK:- BRILL WITH 5"x9" JOURNALS - TIMKEN ROLLER BEARINGS.
TRAILER TRUCK:- BRILL WITH 4¼"x8" JOURNALS - TIMKEN ROLLER BEARINGS.

HEAT:- PETER SMITH HOT WATER HEATER WITH 2" FIN TYPE TUBING IN PASS. COMP. ONLY

SEATS:- RED PLUSH COVERED REVERSIBLE - 2, 39" LONG - 6, 42" LONG.
10 LEATHER COVERED WICKER ARM CHAIRS.

DRAFT GEAR:- N.H. STD SPRING GEAR WITH 5"x5"x6½" BUTT COUPLERS.

CAR REMODELED FROM PASSENGER & BAGGAGE CAR 9113, INTO INSPECTION CAR AT READVILLE - 1940.
16 CELL-396 A.H. BATTERY APPLIED - 1939.

WEIGHTS

LIGHT CAR INCLUDING GAS & WATER	93700 LBS
LIGHT CAR ON DRIVE TRUCK	55500 LBS
LIGHT CAR ON TRAILER TRUCK	38200 LBS
FULL SEATED PASSENGER LOAD	3700 LBS
FULLY LOADED CAR	97600 LBS
260 GAL. CAPACITY - GASOLINE	2080 LBS
65 GAL'S - COOLING WATER	520 LBS
DRIVE TRUCK WITH 2 MOTORS	20330 LBS
TRAILING TRUCK	9850 LBS
LOADED CAR ON DRIVE TRUCK	58480 LBS
LOADED CAR ON TRAILING TRUCK	39120 LBS

IN.	BY	WHY REISSUED	DATE	LETTER
CS	CS	CAR NO. CHANGED TO NO. 9	1-6-47	E
BH	ER	CAR NO. CHANGED TO W.9	5-30-44	D
G*	ESS	GASOLINE CAPACITY INCREASED BY 100 GALS. WEIGHTS CH'GD TO AGREE	5-21-41	C
G*	ESS	CAR NO. CH'G'D FROM W9113 TO 9.	3-28-40	B
G*	CE W	PASS. & BAGG. CAR CH'GD TO AN INSP. CAR. CAR NO. CH'GD FROM 9113 TO W9113	2-7-40	A

DR.	TR.	CK.	IN.
CS	CS	B	G*

N. Y., N. H. & H. R. R.

NEW HAVEN FEB. 7, 1940.

DIAGRAM GASOLINE ELECTRIC INSPECTION CAR

CORRECT B P Jones ASST. M. E.

D C E

23977

APPROVED M. E.