RAILROAD TANK CAR SPECIFICATION MARKING SYSTEM

DOT 111 A 60 AL W 1

OTHER CAR FEATURES
Fittings, Materials, Linings

TYPE OF WELD USED
"W" Fusion Welding (most Common)
"F" Forge Welding

TYPE OF MATERIAL USED IN TANK CONSTRUCT
"NO LETTER" Carbon Steel
"AL" Aluminum (Classes 103, 105, 109, & 11)
"A-AL" Aluminum Alloy
"N" Nickel
"C" "D" or "E" Stainless Steel (alloy/steel)

TANK TEST PRESSURE (PSI)

SEPARATOR CHARACTER
Significant only for Class 105, 112, 113, 114 Tank Cars and some 111 Tank Cars when retrofitted
"A" Top and bottom shelf couplers
"S" Tank headsheilds, top and bottom shelf couplers
"J" Jacketed thermal protection, tank headsheilds, top and bottom shelf couplers
"T" Spray-on thermal protection, tank headsheilds, top and bottom shelf couplers

CLASS DESIGNATION
The three digit class designation follows the Authorizing Agency

NON PRESSURE TANK CARS

DOT	103	AAR	201
DOT	104	AAR	203
DOT	111	AAR	206
DOT	115	AAR	211

PRESSURE TANK CARS

DOT	105	DOT	114
DOT	109	DOT	120
DOT	112		

CRYOGENIC LIQUID TANK CARS

DOT	113	AAR	204W
		AAR	204XT (Inside box car)

MISCELLANEOUS TANK CARS

DOT 106 Multi-Unit Tank Car Tank (Ton Containers)
DOT 110 Multi-Unit Tank Car Tank (Ton Containers)
DOT 107 High Pressure Tank Car
AAR 207 Pneumatically Unloaded Covered Hopper
AAR 208 Wooden Tank Car

AUTHORIZING AGENCY
Tank Car specifications start with three letters designating the agency under whose authority the specification was issued
DOT DEPARTMENT OF TRANSPORTATION
AAR ASSOCIATION OF AMERICAN RAILROADS
ICC INTERSTATE COMMERCE COMMISSION (Regulatory authority assumed by DOT in 1966)
CTC CANADIAN TRANSPORT COMMISSION
TC TRANSPORT CANADA (Replacing CTC)