



Status of standards

Category	Published	New Work
Railcar	11	0
Signals	6	0
OCS	1	5
TPS	2	4



RTSC Standards

<u>Standard Number</u>	<u>Year</u>	<u>Expiration Date</u>	<u>Title</u>
16	2004	12/31/2018	IEEE Standard for Electrical and Electronic Control Apparatus on Rail Vehicles
1473	2010	12/8/2020	IEEE Standard for Communications Protocol Aboard Passenger Trains
1474.1	2004	9/11/2019	IEEE Standard for Communications-Based Train Control (CBTC) Performance and Functional Requirements
1474.2	2003	12/31/2018	IEEE Standard for User Interface Requirements in Communications-Based Train Control (CBTC) Systems
1474.3	2008	12/31/2018	IEEE Recommended Practice for Communications-Based Train Control (CBTC) System Design and Functional Allocations
1474.4	2011	6/16/2021	IEEE Recommended Practice for Functional Testing of a Communications-Based Train Control (CBTC) System
1475	1999	12/31/2018	IEEE Standard for the Functioning of and Interfaces Among Propulsion Friction Brake and Train-borne Master Control on Rail Rapid Transit Vehicles
1476	2000	12/31/2018	IEEE Standard for Passenger Train Auxiliary Power Systems Interfaces
1477	1998	12/31/2018	IEEE Standard for Passenger Information System for Rail Transit Vehicles
1478	2001	12/31/2018	IEEE Standard for Environmental Conditions for Transit Rail Car Electronic Equipment
1482.1	1999	12/31/2018	IEEE Standard for Rail Transit Vehicle Event Recorders
1483	2000	12/31/2018	IEEE Standard for Verification of Vital Functions in Processor-Based Systems Used in Rail Transit Control
1536	2002	12/31/2018	IEEE Standard for Rail Transit Vehicle Battery Physical Interface
1558	2004	12/31/2018	IEEE Standard for Software Documentation for Rail Equipment and Systems
1568	2003	3/25/2020	IEEE Recommended Practice for Electrical Sizing of Nickel-Cadmium Batteries for Rail Passenger Vehicles
1570	2002	12/31/2018	IEEE Standard for the Interface Between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection
1628	2009	6/17/2019	IEEE Recommended Practice for Maintenance of DC Overhead Contact Systems for Transit Systems
1653.2	2009	11/9/2019	IEEE Standard for Uncontrolled Traction Power Rectifiers for Substation Applications Up to 1500 V DC Nominal Output
1653.4	2011	12/31/2021	IEEE Standard for DC Traction Power System Field Testing and Acceptance Criteria for System Applications up to 1500 V DC Nominal
1698	2009	9/11/2019	IEEE Guide for the Calculation of Braking Distances for Rail Transit Vehicles