

1. Record Nr.	UNINA9910462621603321
Titolo	Automated people mover standards [[electronic resource] /] / American Society of Civil Engineers
Pubbl/distr/stampa	Reston, Virginia, : American Society of Civil Engineers, 2013
ISBN	0-7844-7787-6
Descrizione fisica	1 online resource (118 p.)
Disciplina	625.6
Soggetti	Personal rapid transit - Standards Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"ASCE Standard ANSI/ASCE/T&DI 21-13."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Cover""; ""Contents""; ""Standards""; ""Foreword""; ""Acknowledgments""; ""1 General""; ""1.1 Scope""; ""1.2 Existing Applications""; ""1.3 New Applications""; ""1.4 Reference Standards""; ""1.5 Definitions""; ""2 Operating Environment""; ""2.1 Ambient Conditions""; ""2.2 Induced Environmental Parameters""; ""3 Safety Requirements""; ""3.1 System Safety Program""; ""3.2 Safety Principles""; ""3.3 ATC System Fail-Safe Design""; ""3.4 Verification and Validation""; ""3.5 ATC System Mean Time Between Hazardous Events""; ""3.6 Commentary on Chapter 3.0 and Subparts""; ""4 System Dependability"" ""4.1 Service Reliability""""4.2 Service Maintainability""; ""4.3 Service Availability""; ""5 Automatic Train Control""; ""5.1 Automatic Train Protection (ATP) Functions""; ""5.2 Automatic Train Operation (ATO) Functions""; ""5.3 Automatic Train Supervision (ATS) Functions""; ""5.4 Manual Operation Limitations""; ""6 Audio and Visual Communications""; ""6.1 Audio Communication""; ""6.2 Video Surveillance""; ""6.3 Passenger Information Devices""; ""7 Vehicles""; ""7.1 Vehicle Capacity and Load""; ""7.2 Vehicle Dynamic Envelope""; ""7.3 Clearance in Stations""; ""7.4 Vehicle Structural Design"" ""7.5 Coupling""""7.6 Suspension and Guidance""; ""7.7 Passenger Comfort""; ""7.8 Doors, Access, and Egress""; ""7.9 Windows""; ""7.10 Fire Protection and Flammability""; ""7.11 Lighting""; ""7.12 Electrical Systems""; ""8 Propulsion and Braking""; ""8.1 Propulsion and Braking System Rating""; ""8.2 Propulsion and Braking Methods""; ""8.3 Braking

Functions"; ""8.4 Propulsion and Braking System Component Design"; ""8.5 Installation and Protection"; ""8.6 Controls and Interlocks"; ""8.7 Brake Testing"; ""9 Electrical Equipment"; ""9.1 General"; ""9.2 Traction Power Substation Equipment"
""9.3 Wayside Power Collection""""9.4 Passenger Station Electrical Equipment"; ""9.5 Uninterruptible Power Supply"; ""10 Stations"";
""10.1 Disabled Persons Access Requirements"; ""10.2 Platform Edge Protection"; ""10.3 Evacuation of Misaligned Trains"; ""10.4 Emergency Lighting and Ventilation"; ""10.5 Fire Protection"; ""11 Guideways"";
""11.1 Blue Light Stations"; ""11.2 Intrusion Protection and Detection"";
""11.3 Emergency Evacuation and Access"; ""11.4 Fire Protection"";
""11.5 Signage""; ""11.6 Emergency Lighting and Ventilation""; ""11.7 Emergency Power Supply"
""11.8 Guideway Alignment""""11.9 Structural Criteria"; ""12 Security"";
""12.1 System Security Program"; ""12.2 System Security Program Plan"";
""13 Emergency Preparedness"; ""13.1 Emergency Preparedness Program Plan"";
""13.2 Training and Drills"; ""13.3 Postemergency Incident and Drill Coordination"";
""14 System Verification and Demonstration"; ""14.1 Applicability of Prior Verification"; ""14.2 Methods of Verification"; ""14.3 System Verification Plan"";
""14.4 Minimum Verification Requirements"; ""14.5 Application-Specific Acceptance Requirements""
""15 Operations, Maintenance, and Training""
