

TRAINING, CERTIFICATION & COMPLIANCE

Technical • Safety • Electrification • Systems • Passenger Rail • Workforce Development

US RAIL™ Academy programs are customized to help transit agencies, commuter railroads, passenger railroads, public rail authorities, contractors, and other rail organizations train, qualify, certify, and advance their workforce while maintaining compliance with applicable rail safety, regulatory, technical, and industry requirements.

Our flexible **Train Today, Pay Later** program helps agencies meet critical training and compliance needs today while easing financial pressures and limited annual training budgets. Eligible organizations can train their workforce today and spread payments over time, allowing essential safety, technical, compliance, and professional-development programs to move forward without waiting for the next budget cycle.

TRAIN, MAINTAIN & REFRESH ANNUAL TRAINING REQUIREMENTS

Build new qualifications, maintain required certifications, and refresh annual or recurring training requirements through focused programs designed around real-world railroad and transit operations.

CUSTOMIZED FOR PASSENGER & COMMUTER RAIL

Programs can be customized for transit, commuter rail, intercity passenger rail, electrified rail, and high-speed passenger rail environments—from track and roadway-worker protection to traction power, systems, trains, equipment, operations, safety, and regulatory compliance.

STANDARDS, PRACTICES & COMPLIANCE

US RAIL™ Academy training and certification programs are developed and delivered in accordance with applicable FRA regulations, AREMA® recommended practices, UIC standards, and other applicable U.S. and international railway standards, procedures, and industry best practices. Course content is customized to the applicable rail system, equipment, technology, operating environment, workforce responsibilities, and regulatory requirements of each transit agency, passenger railroad, commuter railroad, contractor, or rail organization.

0% FLEXIBLE FINANCING — UP TO 3 YEARS

Eligible public agencies and rail organizations may finance approved training programs at 0% interest for up to three years, helping them meet critical workforce training and compliance needs today while easing annual budget constraints.

TRAIN TODAY, PAY LATER.

CAREER PATHWAYS TO SUPERVISION & MANAGEMENT POSITIONS

Create structured career pathways for junior and senior rail and transit employees to advance from craft and technical qualifications into lead, supervisory, management, safety, quality, engineering, and compliance roles.

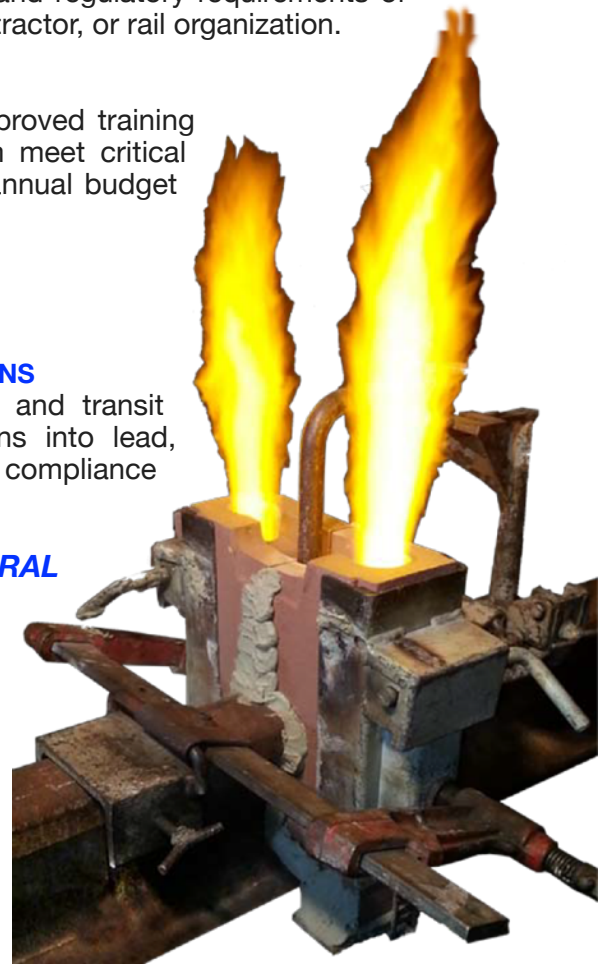
PER US RAIL™ PROCEDURES & APPLICABLE FEDERAL RAILROAD ADMINISTRATION REGULATIONS, AREMA® RECOMMENDED PRACTICES, UIC® STANDARDS & INTERNATIONAL RAILWAY PRACTICES

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STANDARD & CUSTOMIZED TRAINING CLASSES

TRACK, WELDING & CONTINUOUS WELDED RAIL

1. Continuous Welded Rail (CWR) — Flash-Butt Welding
2. CWR — Aluminothermic Thermite Welding
3. Electric & Arc Puddle Welding
4. FRA 49 CFR Part 213 — Track Safety Standards & CWR Compliance

WORKER PROTECTION & SAFETY COMPLIANCE

5. Roadway Worker Protection (RWP) — FRA 49 CFR Part 214
6. Electrified Territory Worker Protection — High Voltage DC & 25 kV AC
7. FRA 49 CFR Part 217 — Railroad Operating Rules & Compliance Testing
8. Hi-Rail Gear, Hi-Rail Truck Operations & Safety
9. Zero-Emission Rail Construction Equipment, EV & Battery Safety

ELECTRIFICATION & TRACTION POWER

10. Railway Grounding, Traction Return Systems, Signal & Power Bonding
11. DC Overhead Contact System (OCS) — Operations, Inspection & Maintenance
12. DC Third-Rail Systems — Operations, Inspection & Maintenance
13. 25 kV AC Overhead Contact System (OCS) — Operations, Inspection & Maintenance
14. Railway Traction Power Substation — Operations, Inspection & Maintenance

SYSTEMS ENGINEERING & ADVANCED RAIL TECHNOLOGY

15. Railway Systems Engineering Fundamentals
16. Communications-Based Train Control (CBTC) — Fundamentals

PASSENGER RAIL & HIGH-SPEED TRAIN COMPLIANCE

17. FRA 49 CFR Part 238 — Passenger Equipment Safety Standards, Including Selected Practices from European & International Standards

EMERGENCY PREPAREDNESS, SECURITY, ETHICS & WORKFORCE PROGRAMS

18. Emergency Preparedness, Incident Command System (ICS) & Disaster Service Worker Development
19. Fire, Earthquake, Crime & Terrorist Attack Preparedness; Management of Disorderly Conduct on Trains & at Stations
20. Customer Excellence, Fair Treatment & Respectful Practices for Transit Workers
21. Prevention, Detection & Reporting of Retaliation in Transit, Railroad & Contractor Workplaces
22. Federal Railroad Safety Act (FRSA), National Transit Systems Security Act (NTSSA) & Applicable State Anti-Retaliation Laws

FRA OPERATIONS, EQUIPMENT & SAFETY COMPLIANCE

23. FRA 49 CFR Part 215 — Railroad Freight Car Safety Standards
24. FRA 49 CFR Part 218 — Railroad Operating Practices & Employee Safety
25. FRA 49 CFR Part 219 — Control of Alcohol & Drug Use in Railroad Operations
26. FRA 49 CFR Part 220 — Railroad Communications, Radio Procedures & Electronic Devices
27. FRA 49 CFR Part 222 — Use of Locomotive Horns at Public Highway-Rail Grade Crossings
28. FRA 49 CFR Part 225 — Railroad Accident/Incident Reporting, Classification & Recordkeeping
29. FRA 49 CFR Part 227 — Occupational Noise Exposure for Railroad Operating Employees
30. FRA 49 CFR Part 228 — Hours of Service, Fatigue Awareness & Recordkeeping
31. FRA 49 CFR Part 229 — Railroad Locomotive Safety Standards
32. FRA 49 CFR Part 231 — Railroad Safety Appliance Standards
33. FRA 49 CFR Part 232 — Brake System Safety Standards for Freight & Other Non-Passenger Trains and Equipment

US RAIL™ ACADEMY

SIGNALS, CROSSINGS & TRAIN CONTROL

- 34. FRA 49 CFR Part 234 — Grade Crossing Signal System Safety, Inspection & Maintenance
- 35. FRA 49 CFR Part 236 — Signal & Train Control Systems: Inspection, Testing, Maintenance & Compliance
- 36. Positive Train Control (PTC) — Fundamentals, Safety & Regulatory Compliance
- 37. Railway Signal Systems — Inspection, Testing, Troubleshooting & Maintenance



PASSENGER RAIL SAFETY & EMERGENCY PROGRAMS

- 38. FRA 49 CFR Part 239 — Passenger Train Emergency Preparedness
- 39. Passenger Train Emergency Evacuation, Rescue & First-Responder Coordination
- 40. Passenger Rail Equipment Inspection, Safety & Compliance

EMPLOYEE QUALIFICATION, CERTIFICATION & TRAINING

- 41. FRA 49 CFR Part 240 — Qualification & Certification of Locomotive Engineers
- 42. FRA 49 CFR Part 242 — Qualification & Certification of Conductors
- 43. FRA 49 CFR Part 243 — Training, Qualification & Oversight for Safety-Related Railroad Employees
- 44. FRA 49 CFR Part 245 — Qualification & Certification Requirements for Covered Railroad Employees

SYSTEM SAFETY, RISK MANAGEMENT & COMPLIANCE

- 45. FRA 49 CFR Part 270 — System Safety Program (SSP) for Passenger Rail Operations
- 46. Railroad System Safety — Hazard Identification, Risk Assessment & Safety Assurance
- 47. Corrective Action Plans, Safety Performance Monitoring & Compliance Documentation
- 48. Safety Management, Hazard Tracking & Risk Mitigation for Passenger Rail Systems
- 49. Railroad Safety Audits, Compliance Assessments & Corrective Action Management

INSPECTION, INVESTIGATION & MANAGEMENT

- 50. Railroad Incident & Accident Investigation — Root-Cause Analysis & Corrective Actions
- 51. FRA Compliance Documentation, Records Management & Audit Preparation
- 52. Annual FRA Safety & Regulatory Refresher Training
- 53. Railroad Supervisor & Manager Safety Compliance Training
- 54. Contractor & Subcontractor Railroad Safety Compliance
- 55. Railroad Safety Culture, Leadership & Employee Reporting
- 56. Safety-Critical Communication, Human Factors & Operational Decision-Making

US HIGH-SPEED PASSENGER RAIL

- 57. High-Speed Rail Track, CWR & Welding Fundamentals
- 58. High-Speed Rail Electrification — 25 kV AC OCS & Traction Power Fundamentals
- 59. High-Speed Rail Systems Integration — Track, Power, Signals & Rolling Stock
- 60. UIC & European Railway Standards — Fundamentals for U.S. Rail Professionals
- 61. International Rail Welding Practices — AREMA®, UIC & EN Applications
- 62. High-Speed Rail Safety, Inspection & State-of-Good-Repair Practices



CUSTOM AGENCY TRAINING & COMPLIANCE PROGRAMS

US RAIL™ Academy can develop customized training programs around an agency's existing equipment, infrastructure, operating rules, SOPs, maintenance procedures, safety programs, and workforce requirements.

Programs may include classroom instruction, field instruction, hands-on qualification, annual refresher training, supervisory development, technical assessments, written examinations, practical evaluations, and compliance documentation.

Training programs can also be developed to assist agencies with updating existing manuals, procedures, qualification programs, and training materials to reflect applicable regulatory requirements and current railway practices.

TRAINING RECORDS, CERTIFICATION & ANNUAL COMPLIANCE TRACKING

US RAIL™ Academy provides a centralized electronic system for documenting, maintaining, and tracking workforce training records for participating rail and transit agencies. Our system is designed to help agencies maintain organized records and demonstrate ongoing compliance with applicable training, qualification, certification, and continuing education requirements.

For each eligible participant, US RAIL™ Academy maintains a training history that may include course completion, certificates of completion, qualifications or certifications, prerequisites, required refresher training, continuing education, expiration or renewal dates, and individual progress toward program requirements.

Certificates of completion, qualification, or certification, as applicable to the specific course and program requirements, are issued electronically and maintained in the US RAIL™ Academy online Training, Certification & Compliance Tracking System for up to three (3) years.

The system also enables participating agencies to track training and compliance annually, identify upcoming refresher or recertification requirements, verify that prerequisites have been satisfied, and maintain readily accessible documentation to support internal reviews, audits, and applicable regulatory or agency compliance requirements.

TRAIN & STAY COMPLIANT TODAY, PAY LATER.

SAFETY & IP NOTICE

WARNING: AMERICAN RAILWAYS™ and US RAILWAYS™ products shall be used only as illustrated and recommended in the product instruction sheets (additional instruction sheets are available at www.AmericanRailways.com and www.usrailways.com). Misuse or misapplication may cause failure resulting in possible property damage or bodily injury. Information provided is subject to change without notice.

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