Drive Worker Safety to Drive Your Business Forward

Reduce Safety Incidents and Associated Costs

Cut Production Downtime and Worksite Stoppages

Develop and Retain a Skilled Industrial Workforce

Foster a Proactive, Safety-First Culture

Protecting employees helps prevent costly injuries and boosts your bottom line. The Industrial & Operational Safety premium library provides a comprehensive toolkit to train workers across diverse industries, empowering them to recognize workday hazards and to perform their jobs safely.

Safety in All Areas

The library includes courses on general safety for your organization as well as courses for specific roles and training for supervisors and leaders.
Key topic areas include:

- Environment and hazardous materials
- HAZWOPER
- Electrical safety
- Process safety management
- Construction operations

Beyond reducing workforce injuries and incidents, this library helps you safeguard your facilities and worksites against costly disruptions.

A Vast Library of Courses

This premium library comes with 275+ courses that make it easy to stay compliant with regulations and prepare for audits as you can assign, track, and report on training in your Intertek Alchemy platform.

The library and courses feature:

- Fundamental, intermediate, and advanced learning levels
- The option for learners to save progress and later pick up where they left off
- Pre-assessments, in-course knowledge checks, and graded final assessments
- Course lengths ranging from fifteen minutes to two hours

Duration	# of courses
15 minutes or less	50+
16-30 minutes	105+
31-60 minutes	105+
Over an hour	10+

Contact your Alchemy account manager for pricing on adding this library to your Alchemy catalog.

Industrial & Operational Safety Training Library

All courses are available in eLearning through Alchemy Manager. All courses are in English with available subtitles in 40+ languages and audio translations for many languages.

General Workforce Safety (61 Courses)

- Active Shooter: Overview and Other Acts of Targeted Violence
- Cal/OSHA: Heat Illness Prevention for Indoors
- Cal/OSHA: Lead Exposure and Employer Responsibilities
- California SB 553: Workplace Violence Prevention Definitions and Requirements
- Ergonomics: Economics
- Ergonomics: Industrial Environments
- First Aid: Safety Showers and Eye Washes
- General Safety: American Chemistry Council's Responsible Care Program
- General Safety: Banding Safety
- General Safety: Cut and Puncture Wound Prevention
- General Safety: Developing an Employee Safety Training Program
- General Safety: Fatigue Management
- General Safety: Flu Awareness
- General Safety: Impairment Recognition and Response (Supervisors)
- General Safety: Investigation of Failures
- General Safety: Lead Safety in Construction - Keeping You Safe and Compliant
- General Safety: Lone Worker Safety
- General safety: New Employee Safety Orientation
- General Safety: Night Shift Safety
- General Safety: Personal Accountability
- General Safety: Residential Safety Essentials
- General Safety: Spotter Safety Essentials
- General Safety: Static Electricity
- General Safety: Steam Pipe Safety
- General Safety: Travel Security
- General Safety: Travel Security (Global)
- General Safety: Workplace Security
- Hand and Power Tools: Mechanical Power Press Safety
- Hand and Power Tools: Pneumatic Tool Safety
- Hand and Power Tools: Power Equipment Hazard Basics
- Hazard Communication: Worker Right to Know
- Heat Stress: Symptoms and Prevention
- Heavy Equipment: Blocking and Cribbing
- Heavy Equipment: Mounting and Dismounting
- Heavy Equipment: Safety Introduction
- Heavy Equipment: Visibility
- Hot Work: Metal on Metal Safety
- Hot Work: Welding Safety
- HSE Microlearning: Cryogenic Safety
- HSE Microlearning: Pandemic Preparation
- Laboratory Safety: Overview
- Laser Safety: Overview
- Maintenance Safety: Overview
- PPE: Eye and Face Protection
- PPE: Respirators - Voluntary Use
- Safety Management: Barrier Analysis

General Workforce Safety (Continued)

- Safety Management: Behavior-Based Safety
- Safety Management: Change Analysis
- Safety Management: Events and Causal Factors Analysis
- Safety Management: Floor and Walkway Safety and Auditing
- Safety Management: Incident Investigation
- Safety Management: Industrial Hygiene Basics
- Safety Management: Job Hazard Analysis
- Safety Management: Leaders
- Safety Management: Medical and Exposure Records Access
- Safety Management: Near Miss Best Practices
- Safety Management: OSHA Recordkeeping
- Safety Management: Overview
- Safety Management: Root Causes of Human Behavior
- Safety Management: Slip, Trip, and Fall Prevention Inspections
- Safety Management: Task Analysis

Facilities & Property Management (13 Courses)

- Fire Safety: Designing Means of Escape
- Fire Safety: Exit Routes, Emergency Action Plans, and Fire Prevention Plans
- Fire Safety: Fire and Smoke Dampers Simplified
- Fire Safety: Fire Extinguisher Safety Basics
- Fire Safety: Fire Safety (Canada)
- Fire Safety: Firestop Safety and Maintenance
- Fire Safety: Line-of-Fire Safety
- Legionella: Prevention and Control
- Mold: Awareness and Prevention
- Mold: Health Effects - Building Inspection
- Mold: Health Effects - Construction Safety
- Mold: Remediation
- Mold: Safety and Health

HAZWOPER (19 Courses)

- HAZWOPER: Air Monitoring
- HAZWOPER: Chemical Protective Clothing
- HAZWOPER: Chemical Protective Clothing Selection
- HAZWOPER: Confined Spaces
- HAZWOPER: Decontamination
- HAZWOPER: Emergency Response Plan
- HAZWOPER: ERG Introduction
- HAZWOPER: Hazmat Physical Properties
- HAZWOPER: Incident Command System
- HAZWOPER: Ionizing Radiation Safety
- HAZWOPER: Medical Surveillance
- HAZWOPER: Operations
- HAZWOPER: Overview
- HAZWOPER: Release Mitigation
- HAZWOPER: Respirators
- HAZWOPER: Risk Assessment
- HAZWOPER: Safety and Health Program
- HAZWOPER: Site Control
- HAZWOPER: Toxicology

Environmental Compliance & Hazardous Materials (50 Courses)

- Environment and Hazardous Materials: Aboveground Storage Tank Requirements
- Environment and Hazardous Materials: Anhydrous Ammonia Awareness
- Environment and Hazardous Materials: Arsenic Awareness
- Environment and Hazardous Materials: Asbestos Awareness - 2 Hour Training
- Environment and Hazardous Materials: Benzene Safe Handling and Storage
- Environment and Hazardous Materials: Cadmium Awareness
- Environment and Hazardous Materials: Carbon Dioxide Awareness (Workers)
- Environment and Hazardous Materials: Chemical Unloading Basics
- Environment and Hazardous Materials: Chlorine Dioxide Awareness
- Environment and Hazardous Materials: Clean Water Act Section 404 Permits
- Environment and Hazardous Materials: Crystalline Silica Awareness
- Environment and Hazardous Materials: Emission Controls
- Environment and Hazardous Materials: Environmental Awareness
- Environment and Hazardous Materials: Ethylene Oxide Safety
- Environment and Hazardous Materials: Explosive and Flammable Chemicals
- Environment and Hazardous Materials: Formaldehyde Awareness
- Environment and Hazardous Materials: Fuel and Combustion Systems - Combustion Basics
- Environment and Hazardous Materials: Fuel and Combustion Systems - Gas Piping Repairs and Cleaning
- Environment and Hazardous Materials: Hazardous Material Classifications
- Environment and Hazardous Materials: Hazardous Material Labeling
- Environment and Hazardous Materials: Hazardous Material Storage
- Environment and Hazardous Materials: Hazardous Waste Essentials
- Environment and Hazardous Materials: Hazardous Waste Treatment
- Environment and Hazardous Materials: Hexavalent Chromium
- Environment and Hazardous Materials: Hydraulic Fluid Safety
- Environment and Hazardous Materials: Hydrogen Sulfide Awareness
- Environment and Hazardous Materials: Industrial Ammonia Refrigeration Safety Basics
- Environment and Hazardous Materials: Irritants, Corrosives and Sensitizers
- Environment and Hazardous Materials: Lead Awareness
- Environment and Hazardous Materials: Lead-Based Paint Safety
- Environment and Hazardous Materials: Metalworking Fluid Safety
- Environment and Hazardous Materials: Nitrogen Safety Awareness
- Environment and Hazardous Materials: NPDES Wastewater Discharge Permits
- Environment and Hazardous Materials: Oil Spill Responses in Facilities

Environmental Compliance & Hazardous Materials (Continued)

- Environment and Hazardous Materials: Oil Spill Responses in Facilities (Global)
- Environment and Hazardous Materials: Oxygen and Oxygen Enrichment Hazards
- Environment and Hazardous Materials: Pressure Washing Best Management Practices
- Environment and Hazardous Materials: R and D Chemical Hygiene
- Environment and Hazardous Materials: Radiofrequency Radiation Hazard Prevention
- Environment and Hazardous Materials: Storage and Handling of Category 1 and 2 Flammables
- Environment and Hazardous Materials: Storage and Handling of Category 3 and 4 Flammables
- Environment and Hazardous Materials: Storage and Handling of Corrosives
- Environment and Hazardous Materials: Toxic Substance Control Act Compliance
- Environment and Hazardous Materials: Transporting Hazardous Materials
- Environment and Hazardous Materials: Triethylaluminium Safety Awareness
- Environment and Hazardous Materials: Turpentine Awareness
- Environment and Hazardous Materials: Underground Storage Tank Requirements
- Environment and Hazardous Materials: Volatile Solvent Spill Response
- Environment and Hazardous Materials: Warning Signs and Labels
- Environment and Hazardous Materials: Working Safely with Chemicals

Process Safety Management (16 Courses)

- Process Safety Management: 1910.119 Overview and Auditing
- Process Safety Management: An Overview
- Process Safety Management: Compliance Audits
- Process Safety Management: Contractors
- Process Safety Management: Emergency Planning and Response
- Process Safety Management: Employee Participation
- Process Safety Management: Hot Work Permits
- Process Safety Management: Management of Change
- Process Safety Management: Mechanical Integrity
- Process Safety Management: Operating Procedures
- Process Safety Management: Overview
- Process Safety Management: Pre-Startup Safety Review
- Process Safety Management: Process Hazard Analysis
- Process Safety Management: Process Safety Information
- Process Safety Management: Trade Secrets
- Process Safety Management: Training

Warehousing, Material Handling & Equipment (15 Courses)

- Aerial Work Platforms: Mobile Elevating Work Platform Safety
- Aerial Work Platforms: Mobile Elevating Work Platform Safety (Supervisors)
- Aerial Work Platforms: Vehicle-Mounted Aerial Device Safety
- Hoists and Cranes: Crane Hand Signals
- Hoists and Cranes: Crane Lift Planning
- Hoists and Cranes: Overhead Crane Basics
- Hoists and Cranes: Overhead Crane Operational Safety
- Hoists and Cranes: Overhead Hoists
- Hoists and Cranes: Rigging Safety
- Hoists and Cranes: Wire Rope Safety and Operation
- Hoists and Cranes: Woodyard Crane Sway Hazards
- Material Handling: Tank Trucks
- Powered Industrial Trucks: OSHA Safety Introduction
- Powered Industrial Trucks: Portable Loading Ramps
- Powered Industrial Trucks: Rough Terrain Forklift Safety

Electrical, Utilities & Energy (36 Courses)

- Electrical Safety: Electric Shock
- Electrical Safety: Electrical Part 1 - Fundamentals, Materials and Equipment Grounding
- Electrical Safety: Electrical Part 2 - Hazardous Location, Clearances and Safety Practice (RV-10744)
- Electrical Safety: Electrical Part 2 - Hazardous Location, Clearances and Safety Practice (RVEC-5876)
- Electrical Safety: General Electrical Hazard Awareness for Sites
- Electrical Safety: OSHA Electrical General Requirements
- Electrical Safety: OSHA Electrical Wiring Methods
- NEC Changes 2020: Backup Power, Energy Storage, and Limited-Energy
- NEC Changes 2020: Branch Circuit GFCI Protection
- NEC Changes 2020: Conductors, Wiring Methods, and Enclosures
- NEC Changes 2020: Devices, Lighting, and Gear
- NEC Changes 2020: Equipment for General Use
- NEC Changes 2020: Focus on Wiring Methods
- NEC Changes 2020: General Requirements
- NEC Changes 2020: Overvoltage and Grounding and Bonding
- NEC Changes 2020: Process Review and Updated Articles
- NEC Changes 2020: Solar PV Systems and Interconnected Power Systems
- NEC Changes 2020: Special Equipment
- NEC Changes 2020: Special Occupancies
- NEC Changes 2020: Wiring and Protection
- NEC Changes 2023: Alternative Energy and Limited Energy
- NEC Changes 2023: Branch Circuits
- NEC Changes 2023: Code Changes, New and Deleted Articles and Definitions
- NEC Changes 2023: Devices and Panelboards
- NEC Changes 2023: Feeders, Load Calculations, and Services
- NEC Changes 2023: Fire Pumps and Emergency Systems

Electrical, Utilities & Energy (Continued)

- NEC Changes 2023: General Requirements
- NEC Changes 2023: General Use Equipment
- NEC Changes 2023: Overcurrent Protection, Overvoltage Protection, and Grounding and Bonding
- NEC Changes 2023: Special Equipment
- NEC Changes 2023: Special Occupancies
- NEC Changes 2023: Wiring Methods
- NEC Changes 2023: Wiring Methods, Conductors, and Enclosures
- NFPA 70E: Changes - 2021 Edition
- NFPA 70E: Changes - 2024 Edition
- NFPA 70E: Introduction

Construction & Building Trades (34 Courses)

- Construction Safety: Caught-In and Caught-Between Hazards
- Construction Safety: Confined Spaces
- Construction Safety: Cranes
- Construction Safety: Crystalline Silica
- Construction Safety: Electrical Hazards
- Construction Safety: Ergonomics
- Construction Safety: Excavation Worksite Safety
- Construction Safety: Fire Safety
- Construction Safety: Hand and Power Tools
- Construction Safety: Health Hazards
- Construction Safety: Line Breaking Safety
- Construction Safety: Personal Protective Equipment
- Construction Safety: Residential Construction
- Construction Safety: Safe Work Permits
- Construction Safety: Safe Work Permits (Global)
- Construction Safety: Scaffolds and Platforms
- Construction Safety: Stairs and Ladders
- Construction Safety: Steel Erection Safety
- Construction Safety: Struck By Hazards
- Construction Safety: Suicide Prevention (Employees)
- Construction Safety: Suicide Prevention (Leaders)
- Construction Safety: Trenching and Excavation Safety
- Construction Safety: Trenching and Excavation Soil Properties
- Fall Protection: Supported Scaffold Safety
- Fall Protection: Walking and Working Surfaces
- OSHA: Worksite Safety 01 - Safety Introduction
- OSHA: Worksite Safety 02 - Electrical Safety
- OSHA: Worksite Safety 05 - Personal Protective Equipment
- OSHA: Worksite Safety 06 - Scaffolds
- OSHA: Worksite Safety 07 - Cranes and Other Hoists
- OSHA: Worksite Safety 08 - Power Tools and Excavations
- OSHA: Worksite Safety 09 - Materials Storage
- OSHA: Worksite Safety 10 - Demolition
- OSHA: Worksite Safety 11 - Hazards in Communication

Transportation & DOT Operations (31 Courses)

- DOT Compliance: Alcohol and Drug Testing for Drivers
- DOT Compliance: CSA Awareness
- DOT Compliance: ERG Introduction
- DOT Hazmat: General Awareness
- DOT Hazmat: Highway Carrier Loading and Unloading Requirements
- DOT Hazmat: Highway Carrier Segregation Requirements
- DOT Hazmat: In-depth Security
- DOT Hazmat: Labeling
- DOT Hazmat: Marking
- DOT Hazmat: Packaging
- DOT Hazmat: Placarding
- DOT Hazmat: Safety Training
- DOT Hazmat: Shipping Papers
- Driving Safety: Alert Driving
- Driving Safety: Backing Up Safely
- Driving Safety: Dangers of Distracted Driving
- Driving Safety: Delivery Truck Maintenance
- Driving Safety: Driving Hazard Recognition
- Driving Safety: Driving Large Vehicles and Heavy Equipment
- Driving Safety: Driving Preparation
- Driving Safety: Environmental Driving Hazards
- Driving Safety: Hazard Perception - Hidden Hazards
- Driving Safety: Load Securement
- Driving Safety: Preventing Intersection Collisions - Cross Traffic
- Driving Safety: Preventing Loss of Control Crashes
- Driving Safety: Preventing Sideswipe Collisions
- Driving Safety: Sharing the Road with Pedestrians and Cyclists
- Driving Safety: Speed and Space Management
- Driving Safety: Tanker Rollover
- Driving Safety: Work Zone Driving Hazards
- Driving Safety: Work Zone Safety

Mining & Extractive Industries (2 Courses)

- MSHA: Commercial Explosives Safety
- MSHA: Working Over or Near Water

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