



CONVERGENCE
TRAINING

RedVector[®]
BY VECTOR SOLUTIONS

COURSE CATALOG

2018 - 2019

DON'T WASTE YOUR MONEY ON BAD TRAINING

What good is training if nobody remembers it? Our courses provide focus to learners through the use of a modern and dynamic visual style built upon expertly written training content. Snappy storyboards and fluid transitions between key learning objectives keep learners engaged and help ensure they absorb and retain more of what they're being taught.

COURSE FEATURES


- AICC/SCORM compatible
- HTML5 video - play on any device
- Interactive quizzes & progress reviews
- Configurable pass/fail settings for each course
- "Video-only" mode for group viewing
- Configurable "self-paced" learning controls

LANGUAGES & TRANSLATIONS

Our courses are continually being translated into new languages. Our production style allows us to accommodate special translation requests fairly easily. Please contact us with your translation requirements.

* Course available in 2016

MACHINE GUARDING
Machine Guarding Basics



Chances are you've never been seriously injured by a machine. You might not even know anyone who's been seriously hurt by a machine.




But machine accidents happen all the time. In the U.S., it's estimated there are around 15,000 machine accidents each year. These accidents result in horrible injuries like crushing of a body part, amputation, electric shock, and blindness. There are hundreds of workplace fatalities every year caused by machines. If you work around machinery, you shouldn't take your safety for granted.

Many machine accidents are due to faulty or missing machine guarding, or to workers taking shortcuts to

CONVERGENCE TRAINING
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MACHINE GUARDING
Progress Review 2 of 6

Which of these machines has a self-adjusting barrier guard?

CONVERGENCE TRAINING
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E - English
G - German
S - Spanish
C - Chinese

O - Other
(Dutch, French, Italian,
Japanese, Korean,
Polish, Portuguese,
Russian, Tamil)

HEALTH & SAFETY (EHS)

CRANES & RIGGING

Crane & Hoist Rigging Safety	E,G,S,C,O
Crane Hand Signals	E,F
Overhead Crane Basics	E,G,S,C
Overhead Crane Operational Safety	E,G,S,C
Truck Mounted Cranes	E
Wire Rope Basics	E
Wire Rope Safety & Operation	E

DRIVER SAFETY

Alert Driving	E,S
DOT ERG Introduction	E
DOT HAZMAT Safety	E
Driving Hazard Recognition	E,S
Driving Large Vehicles & Heavy Equipment	E
Driving Preparation	E,S
Load Securement	E
Tanker Rollover	E,S
Work Zone Safety	E

ELECTRICAL

Arc Flash Safety	E,S
Electric Shock	E
Electrical Safety General Awareness	E,S,C
NFPA 70E Introduction	E
OSHA Electrical General Requirements	E
OSHA Electrical Wiring Methods	E

ENVIRONMENTAL

Aboveground Storage Tank Requirements (AST)	E
Bioremediation Tactics	E
Clean Water Act Section 404 Permits	E
Construction Site Stormwater Runoff Control	E
NPDES Wastewater Discharge Permits	E
Pollution Prevention Best Practices	E
Pressure Washing Best Management Practices	E
RCRA - Emergencies, Inspections & Training	E
RCRA - Generator, Container & Tank Requirements	E
RCRA - Introduction	E

RCRA - Preparing for Transportation, Manifesting & LDR	E
RCRA - Special Wastes & Other Requirements	E
SPCC Inspections	E
SPCC Run-on and Run-off	E
SPCC Secondary Containment	E
Spill Prevention, Control, & Countermeasures	E
Stormwater Pollution Prevention	E
Underground Storage Tank Requirements (UST)	E
Universal Waste Storage & Handling	E
Volatile Solvent Spill Response	E

EQUIPMENT SAFETY

Compressed Gas Cylinder Safety	E,S
Conveyor Safety	E
Equipment Hazard Basics	E
Forklift Safety	E,G,S,C,O
Forklifts - Reducing Product Damage	E
Hand & Power Tools	E,S,C
Heavy Equipment Safety Introduction	E
Heavy Equipment Visibility	E
Hydraulic Fluid Safety	E,S,C
Laser Safety	E,G,S,C,O
Machine Guarding	E,S,C
Mechanical Power Press Safety	E
Metal on Metal Safety	E
Pallet Jack Safety	E
Pedestrian Safety	E,G,S,C
Pneumatic Tool Safety	E
Portable Loading Ramps	E
Steam Pipe Safety	E
Welding Safety	E

ERGONOMICS

Back Injury Prevention	E,S
Ergonomics for Industrial Environments	E,G,S,C,O
Ergonomics for Office Environments	E
Shoulder Injury Prevention	E

FIRE

Fire Extinguisher Safety	E,S
Fire Safety	E,S

FIRST AID

First Aid - Alcohol & Drug Overdoses	E
First Aid - Animal & Human Bites & Scratches	E
First Aid - Automated External Defibrillator (AED)	E
First Aid - Bleeding Emergencies	E
First Aid - Breathing Emergencies	E
First Aid - Broken Bones & Dislocations	E
First Aid - Burns	E
First Aid - Cardiopulmonary Resuscitation (CPR)	E
First Aid - Dehydration	E
First Aid - Diabetic Emergencies	E
First Aid - Eye Injuries	E
First Aid - Fire Ant Bites & Stings	E
First Aid - Flying Insect Stings	E
First Aid - Head Injuries & Concussions	E
First Aid - Head, Neck, Back, and Spine Injuries	E
First Aid - Heart Attacks & Cardiac Arrest	E
First Aid - Initial Steps	E
First Aid - Poisoning	E
First Aid - Scorpion Stings	E
First Aid - Seizures	E
First Aid - Shock	E
First Aid - Snake Bites	E
First Aid - Spider Bites	E
First Aid - Sprains & Strains	E
First Aid - Stroke	E
First Aid - Tick Bites	E
First Aid - Unconsciousness	E

GENERAL SAFETY

Behavior-Based Safety	E
Commercial Explosives Safety	E
Confined Space Entry - Permit Required	E,G,S,C,O
Confined Space Entry Awareness	E,G,S,C,O
Hand Safety	E
Hot Work Safety	E,S,C
Maintenance Safety	E
Night Shift Safety	E
Safety & Health - Advanced	E
Safety & Health - Basic	E
Safety Showers & Eye Washes	E
Steel Erection Safety	E
Trenching & Excavation Safety	E,S

Trenching & Excavation Soil Properties	E
Warehouse & Loading Dock Safety	E
Working Over or Near Water	E

HAZARDOUS MATERIALS

Anhydrous Ammonia Awareness	E
Asbestos Awareness	E,S
Chemical Unloading Basics	E
Chlorine Dioxide Awareness	E
Combustible Dusts	E,S
Crystalline Silica Awareness	E
Flammable & Combustible Liquids	E
Formaldehyde Awareness	E,G,S,C,O
Hazard Communication - GHS	E,G,S,C,O
Hazardous Material Classification	E
Hazardous Material Labeling	E
Hazardous Material Storage	E
Hexavalent Chromium	E
Hydrogen Sulfide Awareness	E
Lead Awareness	E
Lead-Based Paint Safety	E
Mold Awareness & Prevention	E
Process Safety Management	E
Radiation Safety	E,S
Storage & Handling of Combustibles	E
Storage & Handling of Corrosives	E
Storage & Handling of Flammables	E
Storage & Handling of Pesticides	E
Turpentine Awareness	E
Worker Right to Know (RTK)	E
Workplace Hazardous Materials Information (WHMIS)	E

HEALTH & ILLNESSES

Bloodborne Pathogens	E,S
Bloodborne Pathogens for Hospitality	E
Bloodborne Pathogens for Schools	E
Cold Stress	E,S
Flu Awareness*	E
Hand Washing & Hygiene	E
Heat Stress Causes	E,S
Heat Stress Symptoms & Prevention	E,S

LOCKOUT & ENERGY CONTROL

Blocking & Cribbing for Heavy Equipment	E
Line Breaking Safety	E,S
Lockout Tagout for Affected Employees	E,G,S,C,O
Lockout Tagout for Authorized Employees	E,G,S,C,O

PERSONAL PROTECTIVE EQUIPMENT

Air-Purifying Respirators	E
Air-Supplying Respirators	E
Escape Respirators & SCSRs	E
Hearing Conservation	E,G,S,C,O
Personal Protective Equipment	E,G,S,C,O
Respirator Basics	E,S
Respirator Medical Evaluation & Fit Testing	E
Respirators - Voluntary Use	E

SAFETY MANAGEMENT

Barrier Analysis	E
Change Analysis	E
Emergency Action Plans	E
Events & Causal Factors Analysis	
Floor & Walkway Safety & Auditing	E
Hot Work Permit	E
Incident Investigation	E
Industrial Hygiene Basics	E
Job Hazard Analysis	E
Medical & Exposure Records Access	E
Near Miss Best Practices	E
OSHA Recordkeeping	E
Root Cause Analysis	E
Root Causes of Human Behavior	E
Safety Inspections & Observations	E
Slip, Trip, and Fall Prevention Inspections	E
Task Analysis	E

WORKING AT HEIGHTS

Aerial Work Platform Safety	E,S
Fall Prevention & Protection	E,G,S,C,O
Ladder Safety	E,S,C
Mounting & Dismounting Heavy Equipment	E
Slips, Trips, & Falls	E
Supported Scaffold Safety	E,SE

INDUSTRIAL MAINTENANCE**COMPUTER BASICS**

Buses & Storage	E
Databases, Spreadsheets, & Word Processing	E
Input & Output Devices	E
Ladder Logic, Data Files, Program Documentation...	E
Logic Technology, Logic Functions, Sequential Logic...	E
Microprocessors & Computer Memory	E
Networks	E
OS Software & File Management	E
PLCs & Discrete Input & Output	E
Remote & Analog Inputs & Outputs	E

ELECTRICAL

Basic Rectifiers & DC Power Supplies	E
Battery Cell Construction, Maintenance, & Types	E
Battery Types & Charging Theory	E
Circuit & Switch Basics	E
Circuits & Power	E
Current, Voltage, & Resistance	E
Digital Multimeters & Troubleshooting	E
Diodes & Semiconductor Basics	E
Electrical Meters & Measurements	E
Electrical Switches	E
Electrical Wiring & Connections	E
Electromagnetic Induction	E
Electronic Cable	E
Electronic Safety	E
Generators & PD Equipment	E
Impedance	E
Industrial Power Distribution, Facility Distribution...	E
Operational Amplifiers & Troubleshooting	E
Optoelectronics	E
Oscilloscopes	E
Photoswitches, Proximity Sensors, & Feedback Devices	E
Protective Devices, Measures, & PPE	E
Radio Operation, Hardware, Telephone Systems &...	E
Radio Technology	E
Relay Basics & Types	E
SCSRs & Troubleshooting	E
Three-Phase Theory, AC Circuits, Delta & Wye Connections	E

EQUIPMENT & TOOLS

Clamps, Blades, Saws & Bits	E
Compressed Air Fundamentals	E
Electrical Soldering	E
Hand Tools for Electrical Work	E
Industrial Tools (Power Tools)	E
Non-Conductive Tools	E
Table Saw Basics	E
Table Saw Operations	E
Wrenches & Hammers	E

HEATING & COOLING SYSTEMS

Condensate Recovery & Steam Traps	E
Heat Exchanger Basics	E
HVAC - Heating & Cooling	E
HVAC - Hot Water & Ventilation	E
HVAC Basics	E
Refrigeration - Compressors, Valves, & Piping	E
Refrigeration - Piping, Valves, & Water Fountains	E
Refrigeration - Refrigerants & Properties	E
Refrigeration - System Components	E
Refrigeration - System Troubleshooting	E
Refrigeration - Vapor Compression Cycle	E

HYDRAULICS, PNEUMATICS, PUMPS & VALVES

Centrifugal Pumps	E
Hydraulic System Basics	E
Hydraulic System Equipment	E
Hydraulic System Valves & Components	E
Plumbing - Piping & Fixtures	E
Plumbing - Sewer & Water Supply Systems & Trouble...	E
Pneumatic Basics	E
Pump Basics	E
Pump Types & Applications	E
Valve Basics	E
Valve Common Problems	E
Valve Performance	E

MAINTENANCE BASICS

Bar Codes	E
Electrical Drawings & Schematics	E
Fastener Basics	E
Fluorescent, Neon, & HID Controls	E

Lighting Basics	E
Lubricants & Oil	E
Lubrication Basics	E
Magnetism & Electromagnetism Basics	E
Painting & Coating Basics	E
Plastic & Rubber Basics	E
RFID Basics & Standards	E
RFID Environments & Applications	E
RFID Maintenance & Troubleshooting	E
RFID Readers & Interfaces	E
RFID Transponders	E
Wood & Insulation Basics	E

MATH & SCIENCE CONCEPTS

Arithmetic Operations With Binary Numbers & Codes	E
Basic Machines & Motion	E
Mathematics - Number Bases & Powers of Ten	E
Mathematics - Percentages & Fractions	E
Matter States & Temperature	E
Physics Basics	E

MEASUREMENT METHODS & SENSORS

Flow, Level, & Pressure Sensors	E
Measurement - Dimensions	E
Measurement - Temperature, Force, & Fluids Properties	E
Precision Measuring Tools	E
Temperature & Light Sensors	E

MOTORS, DRIVES & CONVEYORS

AC Motor Operation & Types	E
Basic Conveyor Maintenance - Additional Equipment	E
Basic Conveyor Maintenance - Belts & Chains	E
Belt Drive Adjustment	E
Belt Drive Basics	E
Brake Basics	E
Chain Drive Basics	E
Clutch Basics	E
Conveyor Belt Replacement	E
Conveyor Types & Components	E
DC Motor Operation	E
DC Motor Types	E
Electric Motor Basics	E

Gear Drive Basics	E
Motor Control Circuits & Functions	E
Motor Overload Protection	E
Motor Starters	E

PRINCIPLES OF MANUFACTURING

5S Methodology	E
Blueprint Basics	E
Centerlining Methodology	E
Equipment Maintenance & Reliability	E
General Troubleshooting Strategies	E
Industrial Housekeeping	E
Meeting Customer Expectations	E
Operator Basic Care	E
Problem Solving Strategies	E
Process & Instrumentation Diagrams	E
Process Control Charts	E
Process Control Fundamentals	E
Scanning & Tracking Overview	E
Symbols, Standards, & Schematics	E
Understanding Facility Costs	E

WELDING

Arc Welding Basics	E
Arc Welding Cut Types	E
Arc Welding Types	E
Metal Fabrication	E
Metals - Identifying Steel & Iron	E
Metals - Physical Properties & Types	E
Welding Equipment & Environments	E

TRANSPORTATION SAFETY

DRIVER SAFETY

Alert Driving	E,S
DOT ERG Introduction	E
DOT HAZMAT Safety	E
Driving Hazard Recognition	E,S
Driving Large Vehicles & Heavy Equipment	E

Driving Preparation	E,S
Load Securement	E
Tanker Rollover	E,S
Work Zone Safety	E

DOT COMPLIANCE BASICS

DOT Alcohol & Drug Testing for Drivers	E
DOT CSA Awareness	E
DOT ERG Introduction	E
DOT Hours of Service Compliance	
DOT Reasonable Suspicion Supervisor Training - Alcohol	E
DOT Reasonable Suspicion Supervisor Training - Drugs	E

HR COMPLIANCE & SOFT SKILLS

HR COMPLIANCE

Active Shooter Response	E
Conflict Management	E
Disabilities in the Workplace	E
Discrimination in the Workplace	E
Diversity in the Workplace	E
Email Basics	E
Sexual Harassment Awareness	E
Stress Management & Prevention	E
Substance Abuse Awareness	E
Violence in the Workplace	E

SUPERVISOR & LEADERSHIP SKILLS

Business Ethics	E
Change Management	E
Communication Skills for Supervisors	E
Seven Basic Quality Tools	E

TRAIN THE TRAINER

Adult Learning	E
OJT Mentor	



PAPER

BROKE SYSTEMS

Broke Cleaning & Screening	E
Broke Repulpers	E
Broke System Inventory Management	E
Broke System Purpose & Operation	E
Under-Machine Repulpers	E

CHEMICAL ADDITIVES

Starch Cooking	E
Wet End Chemistry - Functional Papermaking Additives	E
Wet End Chemistry - Papermaking Process Additives	E
Wet End Chemistry Basics	E

DRY END EQUIPMENT

Calendaring - Hard Nip	E
Calendaring - Wet Stack	E
Carrier Ropes - Design & Operation	E
Carrier Ropes - Procedures & Maintenance	E
Carrier Ropes - Safety	E
Dry End QCS Scanner	E
Paper Coating Ingredients	E
Paper Coating Operations	E
Paper Machine Reel Systems	E
Tail Threading	E
Web Guiding & Spreading	E

FINISHING

Paper Machine Winder Safety	E
Paper Machine Winder Slitting	E
Paper Machine Winding Basics	E
Pulp Drying & Bailing	E
Roll Handling & Wrapping	E

FORMING

Forming Fabric Design	E
Forming Fabric Tensioning & Guiding	E
Fourdrinier Design & Operation	E
Multi-Ply Forming	E
Paper Machine Twin-Wire Formers	E
Sheet Formation	E

Wet Edge Control	E
Wet Edge Trimming	E

GENERAL PAPERMAKING

Introduction to Paper & Board Machines	E
PM Doctor Blade Components & Troubleshooting	E
Paper Machine Doctors	E
Paper Machine General Safety	E
Pulping & Papermaking Overview	E
Steam Theory Fundamentals	E

HEADBOXES

Air-Padded Headboxes	E
Multi-Layer Headboxes	E
Stock Jet Geometry for Fourdriniers	E
Stock Jet Geo. for Roll Type Gap Formers	E

PAPER MACHINE AUXILIARY SYSTEMS

Paper Machine Adjustable Drives	E
Paper Machine Hydraulic Systems	E
Paper Machine Line Shaft Drives	E
Paper Machine Lubrication Systems	E
Paper Machine Vacuum Systems	E
Steam Theory for Paper Machines	E
Vacuum Pumps, Blowers, & Ejectors	E
Wet End Showers	E

PAPER MACHINE DRYERS

Dryer Felt Design	E
Dryer Felt System Operations	E
Paper Machine Alternative Drying Systems	E
Paper Machine Cascade Steam Systems	E
Paper Machine Dryer Hood Air Systems	E
Paper Machine Drying	E
Paper Machine Thermocompressor Steam Systems	E
Size Presses	E

PAPER PROPERTIES & TESTING

CD Profile Control	E
Common Physical Tests for Paper & Board	E
Paper & Board Optical Tests	E
Paper & Board Strength Tests	E
Papermaking Process Testing	E

STOCK APPROACH

Centrifugal Cleaners	E
Pressure Screens	E
Stock Approach - Deaeration	E
Thin Stock Screening	E
Thin Stock System Design	E

STOCK PREPARATION

High Consistency Refining	E
High Density Cleaners	E
Paper Machine Refining	E
pH & Consistency Control for Paper Machine Stock	E
Thick Stock System Design	E

STORAGE & SHIPPING

Clamp Trucks - Preventing Paper Roll Damage	E
Product Storage & Tracking	E
Railcar Loading - Corrugated Paper Rolls	E
Roll Storage & Tracking	E
Truck Trailer Loading - Corrugated Paper Rolls	E

WET PRESSING

Felt Cleaning & Conditioning	E
Felt Tensioning & Guiding	E
Paper Machine Suction Rolls & Roll Covers	E
Roll Presses	E
Shoe Presses	E
Wet End Steam Boxes	E
Wet Pressing Theory	E

WHITE WATER & FILTRATE SYSTEMS

DAF System Chemicals & Chemistry	E
Dissolved Air Flotation (DAF) Systems	E
Strainers & Filters	E
White Water Circulation Loops	E
White Water Clarification	E
White Water System Design	E

PULPING**BLEACHING**

Alkaline Extraction	E
Bleaching Basics	E
Bleaching Equipment	E
Bleaching Sequences & Filtrate Recycling	E
Chlorine Dioxide Bleaching	E
Chlorine Dioxide Generation	E
Chlorine Dioxide Generation Chemical Safety & Environ.	E
Oxygen Delignification	E
Ozone Bleaching	E
Peroxide Bleaching	E
Pulp Bleaching Environmental Considerations	E

ENVIRONMENTAL

CNGC Systems	E
Contaminated Condensate Systems	E
HVLC Systems	E
Process Sewers & Effluent Collection	E
Wastewater - Pretreatment & Primary Treatment	E
Wastewater - Secondary Treatment	E

EVAPORATORS

Black Liquor Evaporators - Equipment	E
Black Liquor Evaporators - Introduction	E
Black Liquor Evaporators - Operations	E
Black Liquor Evaporators - Principles	E
Black Liquor Testing	E

FIBER SUPPLY

Chip Screening	E
Log handling & Chip Storage	E
Paper Fiber Sources	E
Wood & Chip Properties & Quality Testing	E
Woodyard Cranes	E

KRAFT PULPING

Air Emissions Monitoring Basics	E
Batch Cooking Introduction	E
Blow Line Refining Operation	E



Brown Stock Screening	E
Brown Stock System Basics	E
Brown Stock Washing	E
Continuous Cooking Introduction	E
Continuous Digesters - Hydraulic	E
Continuous Digesters - Vapor Phase	E
Digester Types	E
Kraft Pulping By-Products	E
Kraft Pulping Liquor Chemistry	E

RECAUST

Dregs Washing	E
Electrostatic Precipitators	E
Exhaust Gas Scrubbers	E
Green Liquor Clarifiers	E
Lime Kiln Fundamentals	E
Lime Mud Filtering	E
Lime Mud Washers	E
Recaust Liquor Testing	E
Recausticizing Fundamentals	E
Slaking & Causticizing	E
Titration Fundamentals	E
White Liquor Clarifiers	E

RECOVERY

Baghouse Basics	E
Kraft Recovery Boiler Fundamentals	E
Kraft Recovery Boilers - Fireside	E
Kraft Recovery Boilers - Liquor System	E
Kraft Recovery Boilers - Precipitator	E
Kraft Recovery Boilers - Sootblowers	E
Kraft Recovery Boilers - Waterside	E
Recovery Boiler BLOX System Operation	E

SUPPLEMENTAL & RECYCLED FIBER

OCC - Bale Handling	E
OCC - Cleaning	E
OCC - Coarse Screening	E
OCC - Fine Screening	E
OCC - HD Centrifugal Cleaners	E
OCC - Pulping	E
Supplemental & Recycled Fiber - Bale Handling	E

Supplemental & Recycled Fiber - Fiber Cleaning	E
Supplemental & Recycled Fiber - Fiber Deinking	E
Supplemental & Recycled Fiber - Fiber Fundamentals	E
Supplemental & Recycled Fiber - Fiber Prep & Screening	E
Supplemental & Recycled Fiber - Recycling Fiber Overview	E
Supplemental & Recycled Fiber - Rejects Handling	E

TISSUE

BROKE SYSTEMS

Broke Cleaning & Screening - Tissue*	E
Broke System Purpose & Operation - Tissue*	E

DRY END EQUIPMENT

Dry End QCS Scanner - Tissue*	E
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FORMING

Tissue Machine Forming Fabric Design	E
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GENERAL TISSUE MAKING

Steam Theory for Tissue Machines	E
Tissue Machine Roll Doctors	E
Tissue Machine Specific Hazards	E
Tissue Making Basics	E

HEADBOXES

Multi-Layer Hydraulic Headboxes	E
Stock Jet Geometry for Gap Roll Formers	E

STOCK APPROACH

Centrifugal Cleaners - Tissue	E
Thin Stock Screening - Tissue*	E
Thin Stock System Design - Tissue*	E

STOCK PREPARATION

High Density Cleaners - Tissue	E
pH & Consistency Control for Tissue Machine Stock*	E
Thick Stock System Design - Tissue*	E
Tissue Machine Refining	E

TISSUE MACHINE AUXILIARY SYSTEMS

Tissue Machine Hydraulic Systems	E
Tissue Machine Lubrication Systems	E
Tissue Machine Vacuum Systems*	E
Wet End Showers - Tissue*	E

TISSUE PROPERTIES & TESTING

Tissuemaking Process Testing	E
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WET PRESSING

Shoe Presses - Tissue	E
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WHITE WATER & FILTRATE SYSTEMS

DAF System Chemicals & Chemistry - Tissue	E
Dissolved Air Flotation (DAF) Systems - Tissue	E

YANKEE DRYERS

Yankee Dryer Coating	E
Yankee Dryer Design & Construction	E
Yankee Dryer Dry Creping Basics	E
Yankee Dryer Safety	E
Yankee Dryer Steam & Condensate Systems	E
Yankee Hoods & Air Systems	E

OTHER MANUFACTURING**CONVERTING**

Palletizing	E
Paper Ream Packing	E
Sheeting of Paper	E
Tissue Roll Converting Overview	E

NONWOVENS

Nonwovens Bonding Processes	E
Nonwovens Forming Processes	E
Nonwovens Introduction	E

CORRUGATED PACKAGING**BOX PLANT BASICS**

Board Tests	E
Box Plant Equipment Basics	E
Corrugated Box Basics	E
Corrugating Adhesives	E
Corrugators	E
Die Cutters	E
Flexo Folder-Gluers	E
Other Box Plant Equipment	E
Raw Materials	E
Safety	E

MINING SAFETY (MSHA)**INTRODUCTION TO THE MINE ENVIRONMENT**

General Physical Characteristics of Surface Mines	E
MSHA Surface Miner Training & Documentation	E
Surface Mine Dev., Ops., & Reclamation	E
Typical Surface Mining Equipment	E

HAZARD RECOGNITION & AVOIDANCE

Chemical Hazards at a Mine	E
Confined Space Entry - Permit Required	E
Environmental Hazards at a Mine	E
Equipment Hazards at a Mine	E
Heavy Equipment Safety Introduction	E
Physical Hazards at a Mine	E

EMERGENCY PROCEDURES

Emergency Procedures at a Mine	E
Fire Extinguisher Safety	E

HEALTH & SAFETY ASPECTS OF TASKS

Commercial Explosives Safety	E
Fall Prevention & Protection	E
Hazard Communication for Mining	E

Hearing Conservation	E
Maintenance Safety	E
Night Shift Safety	E
Personal Protective Equipment	E
Working Around Mining Equipment	E
Working Over or Near Water	E
Working with Electricity at a Mine	E

RIGHTS & REPORTING

Line of Authority	E
Rights & Legal Responsibilities of Miners	E
Site Rules & Hazard Reporting	E

RESPIRATORS & FIRST AID

Escape Respirators & SCSRs	E
First Aid - Automated External Defibrillator (AED)	E
First Aid - Cardiopulmonary Resuscitation (CPR)	E
First Aid - Initial Steps	E
Respirator Basics	E

POWER & UTILITIES

AIR SYSTEMS

Building Air Systems	E
Compressed Air Systems	E

POWER BOILERS

Boiler Feedwater - Chemical Additives	E
Boiler Feedwater - Deaeration	E
Boiler Feedwater - Demineralizer	E
Fluidized Bed Boilers	E
Power Boiler Air & Combustion	E
Power Boiler Ash Handling	E
Power Boiler Basics	E
Power Boiler Feedwater & Steam	E
Power Boiler Fuel Supply Systems	E

TURBINES & POWER GENERATION

Multi-Stage Turbines	E
Steam Turbine Mechanical Drives	E
Turbine Generator Basics	E

WATER SYSTEMS

Cooling & Chilled Water Systems	E
Fresh Water Systems	E
Paper Machine Seal Water Systems	E

HAZWOPER

8-HOUR ANNUAL REFRESHER

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

OUR APPROACH TO TRAINING DEVELOPMENT

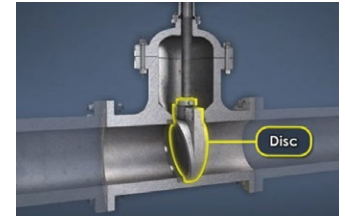
We reject the traditional “bad actor” approach of most training video productions, choosing instead to create lively and modern training based on high-resolution 3D models and studio-quality motion graphics. This modern approach to training content development allows us to show components, processes, and procedures in great detail and simulate dangerous scenarios much more realistically than typical video-based training courses.

Our attention to detail and our commitment to delivering the highest-quality visual information sets us apart from other training content developers.

OBJECTIVE-BASED TRAINING

Our courses are developed according to the ADDIE model. Each module is designed with specific learning objectives in mind, and those objectives are reinforced in the course content and supported by interactive progress reviews and knowledge assessments.

- **Built-in quizzes reinforce learning objectives**
- **SCORM compliant training modules**
- **Available in multiple language formats**



3D GRAPHICS

3D graphics are the best way to visualize:

- Very small things like chemical reactions & particle behavior
- Very large things, like paper machines that can fill an entire building
- Very fast things like high-speed mechanical components

3D Graphics can also show:

- Views you may not normally be able to see by removing guarding, walls, floors, and support structures
- Equipment before it has been installed and set up
- Safety concepts - without risking actual human safety
- Maintenance procedures - without the expense of shutting down production equipment

CUSTOM TRAINING DEVELOPMENT

New Equipment

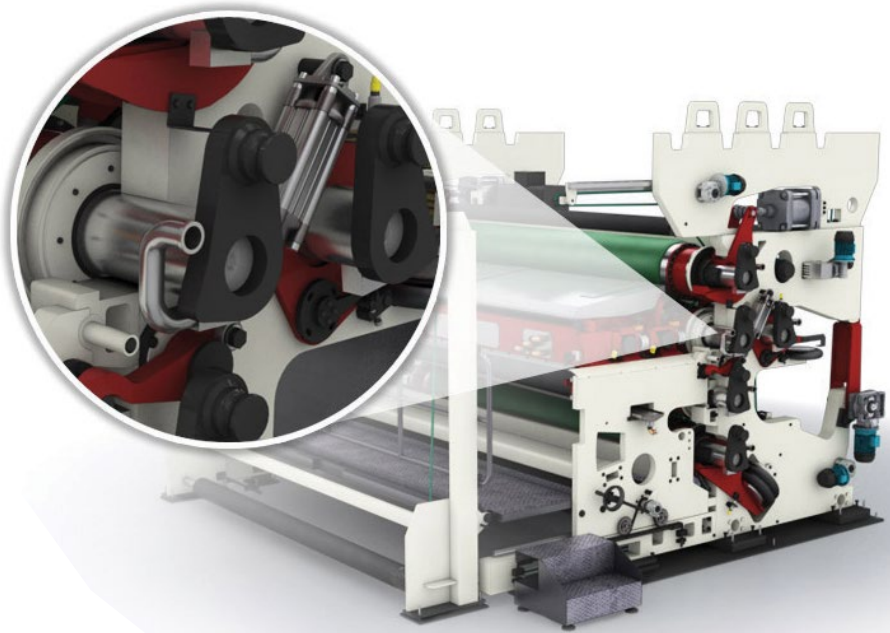
Develop training to aid in instructing employees on the operation and maintenance of new equipment so you can be running at full capacity as soon as it's installed

New Facilities

Develop custom models of entire production lines and provide for more effective onboarding before you even open your doors

New Products

Develop in-depth demonstrations of your products to send to prospective clients and sales staff

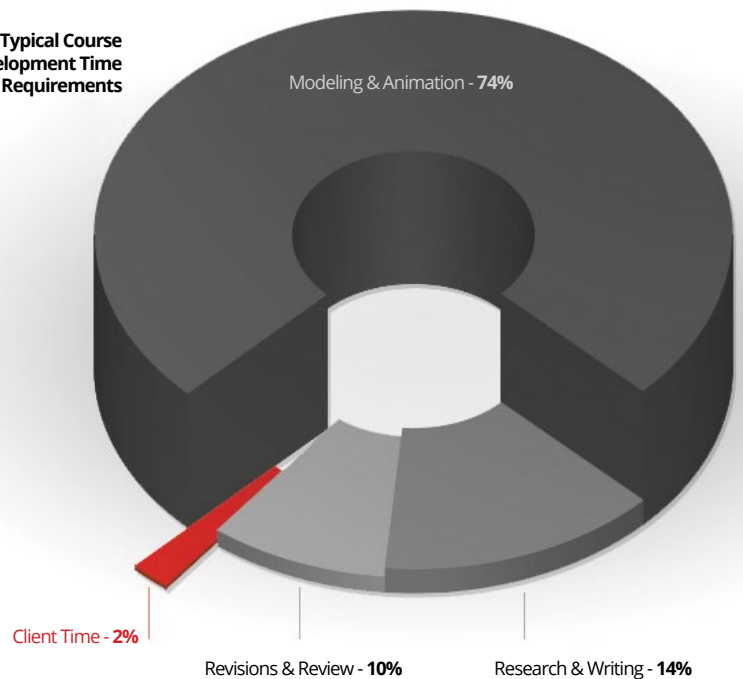


LEAVE IT TO US

For custom courses, we typically require very little from the client. Our team takes care of gathering photos, video, and other resources to develop your training. Our process is designed to leave you as free as possible to attend to your day-to-day responsibilities.

Throughout the production of your training, you'll be presented with opportunities to review and request revisions of your custom training content. We've been through this process many, many times, and have an unblemished history of meeting client expectations.

Typical Course Development Time Requirements



WORKFORCE TRAINING MANAGEMENT SOFTWARE

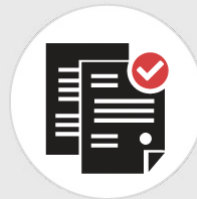
Introducing Convergence LMS. Tools to help manage EHS compliance and develop employee job skills more quickly.



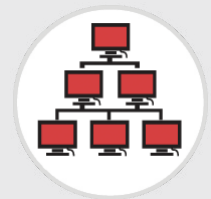
Identify skills and compliance gaps to strengthen your workforce



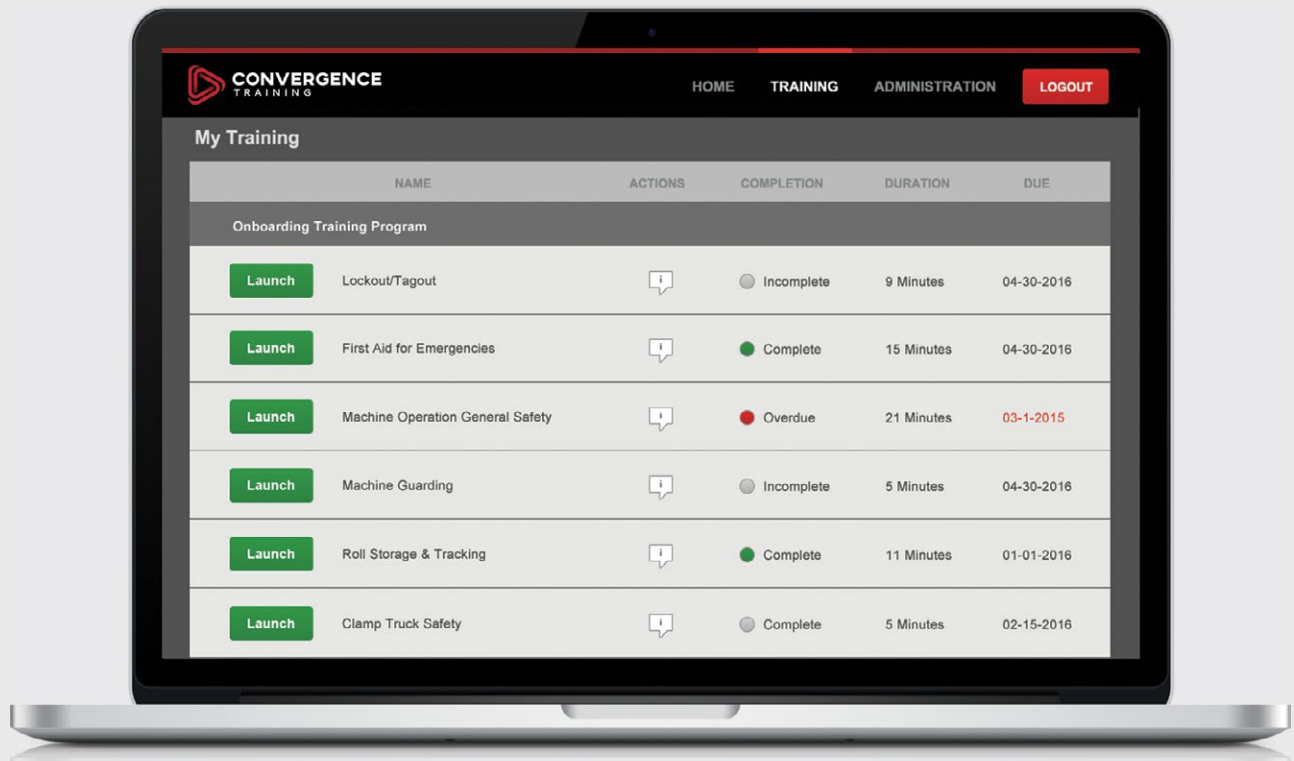
Easily assign pre-designed training programs to employees



Track and record online, classroom, and on-the-job training



Deliver a consistent training program across your organization



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