

Leveraging Technology for LEPC's



MERIS Planning and Response Work Center
And
Online Training Center

Planning Challenges for Missouri's LEPC's

- 92 Plans are constantly in a state of change and at different points in the review process.
- EPCRA and HMEP compliance is not assured when each LEPC creates their own plan template.
- Tier II Data is not easily updated and incorporated in plans.

Planning Challenges for Missouri's LEPC's

- Tier II Report Data is not easily manipulated in paper form.
- Plans are not easily accessed by the response community.
- Data is not easily shared across a jurisdictions or agencies.
- Need to get planning info into the hands of the right people at the right time.

- Low Hazard – High Experience = Safest
- Low Hazard – Low Experience = Less Safe
- High Hazard – High Experience= Even Less Safe
- High Hazard – Low Experience = Very Unsafe
-Gordon Graham

Hazmat Response Plans Help Responders in High Hazard – Low Experience Responses

MERIS WorkCenter Project

- Missouri Emergency Response Information System.
- Leveraging existing platform developed by Missouri Office of Homeland Security, at no cost to MERC.
- Work Center is a collaborative workspace developed by Virtual Agility in MERIS

MERIS WorkCenter Project

- Provides a platform to for an EPCRA/HMEP Compliant Hazmat Plan Template
- Allows for access and input on the SERC and LEPC levels

MERIS WorkCenter Project

- Allows access to Hazmat Plans and Tier II data 24/7.
- Allows for the right person to have access to the Plan and Tier II's at the right time.
- Provides a convenient place to house supporting documents such as facility response plans or maps.

MERIS WorkCenter Project DEMO

Training Challenges for Missouri's LEPC's

- Limited funding for number of courses requested.
- Limited time allowed for Hazardous Materials training due to several factors.
- Trainers are busier today than ever and tougher to schedule

Training Challenges for Missouri's LEPC's

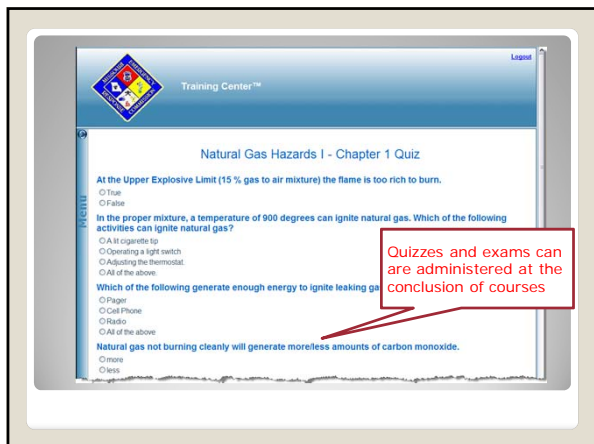
- Movement toward web based technology.
- Need for refresher training that can be formatted to available scheduling.

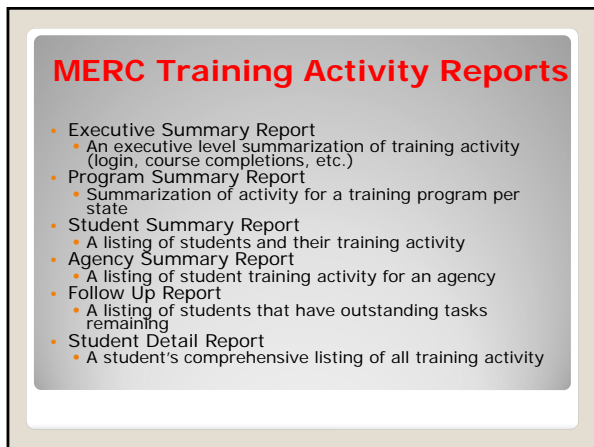
MERC Online Training Center

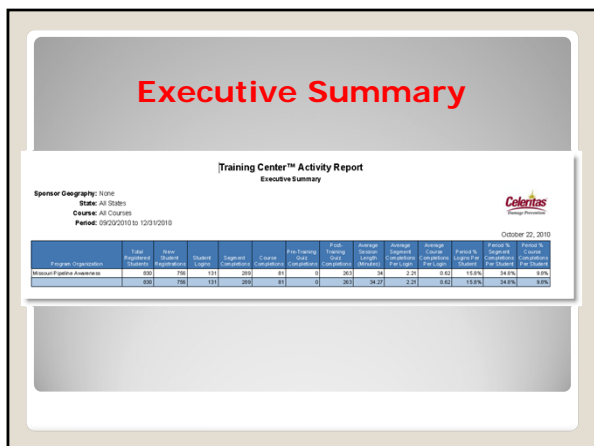
- Available when the responder is available for training.
- Students may sign up on their own at the front page of the Online Training Center or we can make arrangements to provide certificates for those who want to train in groups.

MERC Online Training Center

- Will allow for agencies to track online training through certificates and reporting capabilities.
- Allows a platform for training and informative media to be provided.







Program Summary

Training Center™ Activity Report
Program Summary

Program Organization: Missouri Pipeline Awareness (PMA)
System Geography: None
Region: All States
Period: 09/20/2010 to 10/10/2010

October 27, 2010

Program Year: 09		Total Courses	Total Students	Total Hours	Total Credits	Total Fees	Total Expenses	Total Revenue	Total Profit
Missouri Pipeline Awareness		452	788	103	286	66	10	50	173

Course	Enrolled	Completed	Total Hours	Total Credits	Total Fees	Total Expenses	Total Revenue	Total Profit
Advanced Pipeline Protection	15	15	15	15	15	15	15	0
Advanced Pipeline Protection - USCG	15	15	15	15	15	15	15	0
Advanced Pipeline Protection - Training Module 1	15	15	15	15	15	15	15	0
Advanced Pipeline Protection - Training Module 2	15	15	15	15	15	15	15	0
Advanced Pipeline Protection - Training Module 3	15	15	15	15	15	15	15	0
Advanced Pipeline Protection - Training Module 4	15	15	15	15	15	15	15	0
Advanced Pipeline Protection - Training Module 5	15	15	15	15	15	15	15	0
Advanced Pipeline Protection - Training Module 6	15	15	15	15	15	15	15	0
Advanced Pipeline Protection - Training Module 7	15	15	15	15	15	15	15	0
Advanced Pipeline Protection - Training Module 8	15	15	15	15	15	15	15	0

1 of 3

Student Summary

Training Center™ Activity Report
Student Summary

Program Organization: Missouri Pipeline Awareness (PMA)
System Geography: None
Region: All States
Period: 09/20/2010 to 10/10/2010

October 27, 2010

Student Name	Course	Status	Enrollment Date	Completion Date	Hours	Credits	Fees	Expenses	Revenue	Profit
James D. Brown	Advanced Pipeline Protection	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - USCG	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 1	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 2	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 3	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 4	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 5	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 6	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 7	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 8	Completed	09/20/2010	09/20/2010	15	15	15	15	15	0

1 of 4

Follow-up Report

Training Center™ Activity Report
Follow-up Report

Program Organization: Missouri Pipeline Awareness (PMA)
System Geography: None
Region: All States
Period: 09/20/2010 to 10/10/2010

October 27, 2010

Student Name	Course	Status	Enrollment Date	Completion Date	Hours	Credits	Fees	Expenses	Revenue	Profit
James D. Brown	Advanced Pipeline Protection	Incomplete	09/20/2010		15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - USCG	Incomplete	09/20/2010		15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 1	Incomplete	09/20/2010		15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 2	Incomplete	09/20/2010		15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 3	Incomplete	09/20/2010		15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 4	Incomplete	09/20/2010		15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 5	Incomplete	09/20/2010		15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 6	Incomplete	09/20/2010		15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 7	Incomplete	09/20/2010		15	15	15	15	15	0
James D. Brown	Advanced Pipeline Protection - Training Module 8	Incomplete	09/20/2010		15	15	15	15	15	0

1 of 6

Agency Training Report

Training Center™ Training Report
Agency Training Summary
 Prepared for: KIRKSVILLE FIRE DEPT

Program Organization: National Public Assistance (NPA)
 State: Missouri
 Period: 10/15/2009 to 10/27/2009

Training Report for one Agency "Kirksville Fire Dept"

September 29, 2010

Student Name	Title	Agency	State	Enroll	Pre-Test	Post-Test	Score	Pre-Training		Post-Training		Pre-Test	Post-Test
								Count	% Correct	Count	% Correct		
John Smith	Chief	kirksvillefire@gmail.com	MO	1	0	0	0	0	0	0	0	0	0
Jane Doe	Deputy Chief	kirksvillefire@gmail.com	MO	1	0	0	0	0	0	0	0	0	0
Bob Johnson	Engineer	kirksvillefire@gmail.com	MO	1	0	0	0	0	0	0	0	0	0
Totals:	3			3	0	0	0	0	0	0	0	0	0

Student Training Detail

Training Center™ Training Report
Student Training Detail
 Prepared for: Anne Hayden

Student: Ben Schwanberg
 Title: Deputy Chief
 Department: South George Shell Fire Dept
 Training Period: 12/1/2009 to 12/31/2009

Instr: schwanberg@agoradef.org
 Phone: 816-532-7702
 Contact ID: 123456789

Link to Contact Database record

January 18, 2010

Source	Comments	Pre-Quiz	% Correct	Post-Quiz	% Correct
Emergency Response Guide	Emergency Response Guide	100.0%	100.0%	100.0%	100.0%
✗ Natural Gas Hazards	Natural Gas Hazards Chapter 1 (Properties of Natural Gas) Natural Gas Hazards Chapter 2 (Natural Gas Delivery Systems) Natural Gas Hazards Chapter 3 (Evacuating the System Safely) Natural Gas Hazards Chapter 4 (Emission Control Systems)	98.0%	98.0%	100.0%	100.0%
✗ Natural Gas Hazards	Natural Gas Hazards Chapter 1 (Natural Gas Basics) Natural Gas Hazards Chapter 2 (Static Electricity) Natural Gas Hazards Chapter 3 (Press - Industrial Complexes) Natural Gas Hazards Chapter 4 (Hazardous and Toxic) Natural Gas Hazards Chapter 5 (Obstructed Egress Route) Natural Gas Hazards Chapter 6 (Liquid Natural Gas)	100.0%	75.0%		
Emergency Response Guidebook 12/1/07	How to use the ERG Part 1 How to use the ERG Part 2	N/A	N/A	95.0%	100.0%
Totals:		548	49%	88%	

MERC Online Training Center Demonstration

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Developers

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