



Training Solutions, Delivered!

PPE: ***Wear It For You***

**Leader's Guide, Fact Sheet
& Quiz**

This easy-to-use Leader's Guide is provided to assist in conducting a successful presentation.

PREPARING FOR THE MEETING

Here are a few suggestions for using this program:

- a) Review the contents of the Fact Sheet that immediately follows this page to familiarize yourself with the program topic and the training points discussed in the program. The Fact Sheet also includes a list of Program Objectives that details the information that participants should learn from watching the program.
- b) If required by your organization, make an attendance record to be signed by each participant to document the training to be conducted.
- c) Prepare the area and equipment to be used for the training. Make sure the watching environment is comfortable and free from outside distractions. Also, ensure that participants can see and hear the TV screen or computer monitor without obstructions.
- d) Make copies of the Review Quiz included at the end of this Leader's Guide to be completed by participants at the conclusion of the presentation. Be aware that the page containing the answers to the quiz comes *before* the quiz itself, which is on the final page.

CONDUCTING THE PRESENTATION

- a) Begin the meeting by welcoming the participants. Introduce yourself and give each person an opportunity to become acquainted if there are new people joining the training session.
- b) Introduce the program by its title and explain to participants what they are expected to learn as stated in the Program Objectives of the Fact Sheet.
- c) Play the program without interruption. Upon completion, lead discussions about your organization's specific policies regarding the subject matter. Make sure to note any unique hazards associated with the program's topic that participants may encounter while performing their job duties at your facility.
- d) Hand out copies of the review quiz to all of the participants and make sure each one completes it before concluding the training session.

4099 PPE: *Wear It For You* FACT SHEET

LENGTH: 11 MINUTES

PROGRAM SYNOPSIS:

“PPE: Wear It For You” is David Dyck’s powerful, True story of how he survived a violent explosion during a routine maintenance procedure because he always made it a habit of wearing PPE when something could go wrong. One of David’s tasks at the oil field services company where he worked was to rinse out large tankers. One day, after climbing on top of a tanker, he put a hose inside the tank while holding a trouble light. As he began rinsing the tank, a sudden explosion blew a hole in the roof. David was blown through the hole and landed on top of the tank. First responders thought he was dead, but after five weeks in the hospital and three months of therapy, he was able to start walking and shortly thereafter he returned to work.

As David explains, his fire-retardant clothing and safety glasses saved him from a lifetime of pain and suffering and possibly even death. Even though fire-retardant clothing wasn’t required for this task, David made a point of wearing PPE whenever there was a chance something could go awry. David’s wife, Jamie, also recounts the terrifying moments of uncertainty she faced when she heard about the incident. In the end, David challenges all of us to wear our PPE for ourselves, our families and our futures.

PROGRAM OBJECTIVES:

After watching the program, the participant should be able to explain the following:

- What unsafe acts caused the explosion that injured David;
- What the extent of David’s injuries were
- How a traumatic incident traumatizes your family members;
- Why it is critical that you always wear the required PPE.

INSTRUCTIONAL CONTENT:

DAVID’S WIFE RECOUNTS THE MOMENTS OF UNCERTAINTY

- Jamie, David’s wife, was preparing to leave work on a typical Tuesday when she was greeted by two co-workers. They had received a call that David had been hurt and after studying the look on their faces, she realized it must have been serious.
- She could barely steady her fingers as she called David’s employer. The person who answered told her that a tank truck had exploded.
- When she asked how he was, the woman on the other end of the line said she would get someone who could tell her. The woman laid the receiver on the desk and as Jamie was waiting to be updated, she heard a horrible sound that she knew in the pit of her stomach must have been made by David.
- As she was overcome with panic, Jamie shouted, “Was that him, was that him?” and handed the phone to her co-worker, Terry. He was told that David would be flown to the trauma center in Calgary and they were to meet him there.
- Jamie says that after driving to Calgary, what followed were four long, apprehensive hours where she didn’t know if David was alive or dead.
- When the doctor said she could see David, she says she was filled with elation. “All his parts were there—his nose, his arms, his legs and he wasn’t charred to the bone. I wept with joy.”

DAVID RECALLS THE EXPLOSION

- In 2003, David was a truck driver and dispatcher for an oilfield services company. On the day of the incident, he had brought a tank truck into the truck wash to wash some sand out of the tank.
- When he got on top of the truck, David got down on his hands and knees and reached through a 20-inch opening with a hose in his hand. Covering the hole with his head and shoulders, there was just enough light to get through with the trouble light he held in his left hand.
- There was an metal-insulated roof eight feet above David. When the explosion occurred, it instantly removed a huge chunk of the roof and he went through it.

- David was told he went 30 feet into the air. He came back down through the hole and landed on his back; had he landed nine inches over in either direction, he would have had one of the six-inch steel plates that line the tank's walkway down the middle of his back.
- When the first responders arrived, they thought he was dead and that his eyes were gone due to all the blood running out from under his eyelids. They saw his fingers move on one of his hands and couldn't believe he was alive.
- The paramedics saw the inside of his throat was burned and one of them said to the first responders, "Get this guy on a back board as fast as you can and get him in the ambulance. We have minutes to get an air tube down his throat or the swelling in his throat from his burns is going to close off his airway and he's going to suffocate to death."
- The mechanic at the scene said that the noise David made when the first responders lifted him onto the back board wasn't even human. He had to leave the building or thought he was going to get sick.
- It took 30 minutes to stabilize David enough so that they could put him in the helicopter to fly him the 100 kilometers to Calgary.

THE EXTENT OF DAVID'S INJURIES & RECOVERY

- David woke up five days later to find that his left leg was broken just above the ankle, his right knee cap was split and his right femur just above the knee was smashed into 20 pieces.
- He suffered second-degree burns from the top of his head down to his neck line that were so bad his best friends couldn't recognize him. He suffered third-degree burns to his right arm that would require skin grafting.
- David had a bruised lung, a perforated ear drum and shrapnel embedded into his burnt skin. "Other than that I was fine," he jokes. "On no, my denture was broken."
- After spending five weeks in the hospital, David spent three months in a wheelchair. Four and a half months later, he went to work for an excavation company that installed water and sewer lines.

JAMIE IS ALSO TRAUMATIZED BY THE INCIDENT

- David says the explosion didn't just happen to him, it also happened to Jamie. If anyone should have been treated as a trauma victim those first five days he was in a coma, it should have been her.
- When Jamie heard that David was in a tank trunk explosion, she thought he was fueling up a truck at the fuel pumps. "So you can imagine the pictures in her mind of me burnt, in pieces, flames everywhere," he says. "So you can also appreciate the elation that she had when she saw me for the first time and I was all in one piece."
- Had he not been wearing his safety glasses, 100 percent cotton clothes and fire-resistant overalls and survived, David says Jamie would have had a 50-year-old husband who was blind and probably disabled from his burns.

WEAR YOUR PPE FOR YOU, YOUR FAMILIES & YOUR FUTURES

- David says we have all heard someone say, "If only I had been wearing my PPE. He says he gets to stand there today to talk and see the audience because he was wearing his PPE.
- While he was hassled for always wearing his PPE, David says his attitude was, "What you think of me is none of my business; it's what I think of me that counts." He says he wore his PPE for him.
- When people made comments that PPE wouldn't stop incidents such as hoses splitting, David says they were correct. "But what I will guarantee you is your PPE will minimize the damage."
- David says that while he and the audience are in a movie setting, there is no director at work who can yell "cut!" when a chemical splash or other incident occurs. At work, you can't go back and do it over like they do in the movies; at work, there is no second chance to put on your PPE.
- Don't wear your PPE just because its company policy, David challenges the audience. "Be selfish. Wear it so that should you be in an incident, you're going to come out the other side and carry on watching your children and grandchildren grow up, graduate and get married.
- Don't wear your PPE just because the procedure says so, he adds. You should wear it because if an incident occurs, you can do all the things you love to do with your family and friends, or do volunteer things you like to so such as coaching sports.
- "Please wear your PPE, whether you're at work, whether you're at home, in the kitchen, at the cabin. Be selfish. Wear your PPE for you and your loved ones," concludes David.

CAUSE OF THE EXPLOSION IS UNDETERMINED

- An investigation of this incident found that the last load carried by the tanker was fresh water. Three random water samples had detected no trace of hydrocarbons. The actual source of the hydrocarbons that resulted in the explosion wasn't determined.
- The investigation also confirmed that the tank had been properly ventilated and that the existing safety procedures had been correctly followed by David Dyck.

PPE: *Wear It for You*

ANSWERS TO THE REVIEW QUIZ

1. a

2. b

3. a

4. a

5. b

6. b

7. a

PPE: Wear It for You
REVIEW QUIZ

The following questions are provided to determine how well you understand the information presented in this program.

Name _____ Date _____

1. Wearing PPE may not prevent an incident from happening, but it can minimize the severity of any resulting injuries.
 - a. True
 - b. False

2. What did the paramedics think would have killed David if he wasn't taken to the ambulance as soon as possible?
 - a. He would bleed to death
 - b. The swelling in his throat would cause suffocation
 - c. He would die from the severe burns to his body

3. The fact that David Dyck was wearing safety glasses and fire-resistant clothing probably prevented more serious injuries or even death.
 - a. True
 - b. False

4. A workplace injury can also great affect co-workers and family members.
 - a. True
 - b. False

5. If someone is ridiculing you for wearing PPE at work, you should remove it to avoid the criticism.
 - a. True
 - b. False

6. David's injuries were so severe that he was permanently disabled and never worked again.
 - a. True
 - b. False

7. It's just as important to wear PPE to protect yourself away from work as it is when you are on the job.
 - a. True
 - b. False