**Worksite Safety 04: OSHA Struck-By & Caught-Between Accidents (RV-10452) – 1.5 hour course**

**Course Description**

“Struck-by” and “caught-between” accidents are major causes of injuries and fatalities on construction worksites. Struck-by incidents are classified as accidents where workers are hit by swinging booms, falling objects (such as bricks from a scaffold), or flying objects (such as particles flying off an object being drilled or ground by a power tool). Caught-between accidents are often fatal occurrences when a worker is unwittingly caught in the gears of machinery; pinned between a vehicle and a wall, or even caught by the clothing or hair on a moving part and pulled into danger. This interactive online course provides information to assist the learner in the identification, avoidance, and control of these hazards in the workplace. While workers may need additional training based on OSHA standards and the specific hazards of their jobs, RedVector’s Worksite Safety courses can help inject entry-level workers with critical knowledge on a variety of OSHA-regulated safety and health topics.

**Course Objectives**

Lesson Objectives: Struck-By Accidents

Terminal Objective: Given current OSHA and industry information regarding construction worksite illnesses, injuries and/or fatalities, the student will be able to recognize Caught-in or -between hazards in construction.

Enabling Objectives:

* Identify common caught-in or -between hazards
* Describe types of caught-in or -between hazards
* Protect themselves from caught-in or -between hazards
* Recognize employer requirements to protect workers from caught-in or -between hazards

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**Course Outline**

**Introduction – 5 minutes**

Given current OSHA and industry information regarding construction worksite illnesses, injuries and/or fatalities, this course will help to recognize Caught-in or -between hazards in construction.

* Course Overview

**Struck-by Accidents**

Being struck by objects is one of the leading causes of fatal accidents in the construction industry. It is so common, in fact, that accidents in which people are injured or killed when they are hit by equipment, debris or some other element of a jobsite actually has its own category: “struck-by.”

* **Vehicles: What Are the Dangers? – 10 minutes**
	+ Case Studies
	+ How Can You Avoid Hazards?
* **Falling/Flying Objects – What are the Dangers? – 10 minutes**
	+ Case Studies
	+ How Can You Avoid Hazards?
* **Compressed Air – 5 minutes**
* **Constructing Masonry Walls – What Are the Dangers? – 10 minutes**
	+ Case Studies
	+ How Can You Avoid Hazards?
* **What is my employer required to do to protect workers from struck-by hazards? – 20 minutes**
	+ Heavy Equipment
	+ Motor Vehicles
	+ General Requirements for Protecting Workers
	+ Provide Personal Protective Equipment
	+ Training

**Caught-Between Accidents – 20 minutes**

Workers who operate construction vehicles or equipment risk injury due to overturn, collision, or being caught in running equipment. One particular type of accident, referred to as “caught-between,” “caught-in-between,” or “caught-in,” is best illustrated by helping you understand what not to do and what eventualities to be prepared for.

* Case Study 1
* Case Study 2
* Case Study 3

**Conclusion – 10 minutes**

The course concludes with a summarization of struck-by and caught-between accidents and a fact sheet with additional tips to avoiding accidents.

* Fact Sheet