

# Investigation Report: Confined Vapor Cloud Explosion

Filesize: 4.49 MB

## Reviews

The book is great and fantastic. It is rally exciting throgh reading time period. I am pleased to let you know that this is basically the greatest ebook i actually have go through inside my very own life and may be he best book for possibly. (Mr. Hyman Ankunding DDS)

## INVESTIGATION REPORT: CONFINED VAPOR CLOUD EXPLOSION



Createspace, United States, 2014. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*\*. On November 22, 2006, at about 2:45 am, a violent explosion at the CAI/Arnel manufacturing facility rocked the town of Danvers, MA. The explosion and subsequent fire destroyed the facility, heavily damaged dozens of nearby homes and businesses, and shattered windows as far away as two miles. At least 10 residents required hospital treatment for cuts and bruises. Twenty-four homes and six businesses were damaged beyond repair. Dozens of boats at the nearby marina were heavily damaged by blast overpressure and debris strikes. The fire department ordered the evacuation of more than 300 residents within a half-mile radius of the facility. Numerous residents could not return for many months while they waited for their houses to be rebuilt or repaired. Seventeen months after the explosion, six homes had yet to be reoccupied as repairs were not complete. The U.S. Chemical Safety and Hazard Investigation Board (CSB) determined that the explosion was fueled by vapor released from a 2000-gallon tank of highly flammable liquid. An open steam valve on the tank heater most likely caused the flammable liquid to overheat and accumulate in the building production area to what is calculated to have been a near-ideal vapor-air concentration. An unknown ignition source ignited the flammable atmosphere, causing the explosion. The rapidly expanding ignited vapor inside the building created a pressure wave that shattered the rigid, brittle brick walls-disintegrating the structure-and ignited thousands of gallons of flammable liquids stored inside the building and some 51,000 pounds of industrial-grade nitrocellulose material stored nearby. The resultant fire burned for more than 17 hours.On November 22, 2006, at about 2:45 am, a violent explosion at the CAl/Arnel manufacturing facility rocked the town of...

Read Investigation Report: Confined Vapor Cloud Explosion Online
Download PDF Investigation Report: Confined Vapor Cloud Explosion

## You May Also Like

#### History of the Town of Sutton Massachusetts from 1704 to 1876

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*. This version of the History of the Town of Sutton Massachusetts... Save PDF »

_	_	
		<b>`</b>
	_	
	_	
	_	

My Life as an Experiment: One Man s Humble Quest to Improve Himself by Living as a Woman, Becoming George Washington, Telling No Lies, and Other Radical Tests

SIMON SCHUSTER, United States, 2010. Paperback. Book Condition: New. Reprint. 212 x 138 mm. Language: English. Brand New Book. One man. Ten extraordinary quests. Bestselling author and human guinea pig A. J. Jacobs puts... Save PDF »

_	
-	

Funny Things I Heard at the Bus Stop: Volume 1: A Collection of Short Stories for Young Readers Createspace, United States, 2012. Paperback. Book Condition: New. 226 x 150 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Funny Things I Heard At The Bus Stop, Volume 1 is a collection... Save PDF »

		$\mathbf{\nabla}$
	_	
	-	

#### Read Write Inc. Phonics: Purple Set 2 Non-Fiction 4 What is it?

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 215 x 108 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books... Save PDF »

	_		
_			_

#### What is Love A Kid Friendly Interpretation of 1 John 311, 16-18 1 Corinthians 131-8 13

Teaching Christ's Children Publishing. Paperback. Book Condition: New. Daan Yahya (illustrator). Paperback. 26 pages. Dimensions: 10.0in.x8.0in.x0.1in.What is Love is a Bible based picture book that is designed to help children understand... Save PDF »