

FACTS Database with hazardous materials used for industrial safety maintained by the Department of Industrial Safety of TNO Coded Accident Abstract		Accident Nr. 19360
Identification		
<u>Type</u>	<u>Value</u>	<u>Text</u>
Class	* * *	-
Abstr	Extended abstract english	-
Address	b	
Adate	2003	
Activ	Use/Application	Industrial demolition
Loctn	Chemical factory	Disused coke factory
Surr	Nearby-objects/Places	Road
Dtype	Chemical industry	-
Cause		
<u>Type</u>	<u>Value</u>	<u>Text</u>
Cause	Human-failure	Using welding torches
Description		
<u>Type</u>	<u>Value</u>	<u>Text</u>
Occur	Constructionwork	Preparing for demolition
Hmcir	Incompetent	-
Occur	Not-cleaned	Did not removed tar coating
Eqinv	Coating	-
Chem	Tar	-
State	Solid	-
Occur	Wrong-action	Using welding torches
Eqinv	Colonne/Column	5 coke towers
Eqcir	Bad-maintenance	60 years old
Chem	Cokes gas	-
State	Gas	-
Occur	Fire	Engulfed
Dtime		>7/Days
Eqdm	Colonne/Column	1 coke tower
Occur	Fire fighting/Emergency response	Battled the fire
Occur	Safety-measures	Used large monitors from distance
Occur	Cooling	To keep the towers cool
Date		11 dec.2003
Occur	Fire	Fire started to calm down
Occur	Collapse/Destroy	Collapsed
Eqdm	Colonne/Column	1st tower
Occur	Fire	Set ablaze
Eqinv	Colonne/Column	2nd tower
Date		15 dec.2003
Occur	Fire	Fire started again and
Occur	Collapse/Destroy	Engulfed
Eqdm	Colonne/Column	2nd tower
Occur	Smoke-emission	Large amounts of smoke and
Occur	Stench-emission	Bad smell
Occur	Disperse/Spread	To other countries
Occur	Shelter-in-place	Closed doors and windows
Occur	Traffic-interruption	Road
Date		17 dec.2003
Time		1600
Occur	Fire fighting/Emergency response	Demolished 2nd tower with
Eqinv	Crane	Telescopic crane

Occur	Fire fighting/Emergency response	Used large amounts of foam to control
Occur	Fire fighting/Emergency response	Flames within the tower
Occur	Fire	3rd tower caught fire during demolition
Occur	Human-operations	Demolished continuing towers
Photo		9

Scene

<u>Type</u>	<u>Value</u>	<u>Text</u>
Scene		Fire started at one of 5 coke towers at
Scene		A disused coke factory during preparing
Scene		For demolition causing large amounts of
Scene		Smoke and bad smell

EXTENDED ABSTRACT ENGLISH

A fire started at an old coke factory. As they were preparing for demolition, a fire started at one of the five coke towers.

When the fire department arrived at the scene they saw that one of the towers was engulfed in flames. Due high risks for the collapse or explosion of the towers, firefighters used large monitors from distance to keep the towers cool.

A day later the fire started to calm down. A collapse of the first tower set the second coke tower ablaze. Firefighters battled flames until Saturday when the worst seemed over. Some cooling continued and several companies could return to their stations.

The following Monday night the fire started again and engulfed the second tower. Due to large amounts of smoke and the bad smell, the second tower was demolished with a large telescopic crane. The smoke drifted to other countries and the bad odour was smelled in a wide environment.

Large amounts of foam were used to control the flames within the tower.

Unfortunately, a third tower caught during the demolition of the second coke tower. On Wednesday the large telescopic crane will come back to the site to demolish the continuing towers.

Using welding torches caused the fire. This was contrary to the agreement. Besides, a dangerous tar coating was not removed before the demolition work.